AECOM
200 Indiana Avenue
Stevens Point, Wisconsin 54481
www.aecom.com

715 341 8110 tel
715 341 7390 fax

November 18, 2014

Michael J. Normington
9567 ViaReal
Desert Hot Springs, CA 92240-1548

Subject: **Interim Groundwater Monitoring Report**
September 2013 through July 2014
Former Normington Dry Cleaners
3049 South Church Street
Stevens Point, Wisconsin 54481
WDNR BRRTS No. 02-50-525911,
AECOM Project No. 60135040 (formerly Project No. 114557)

Dear Mr. Normington:

AECOM is reporting results of interim groundwater monitoring conducted at the Former Normington Dry Cleaners property (see Figure 1) for the period September 2013 through July 2014. The work was authorized by your signed approval of AECOM's Change Order No. 5 to our Consulting Agreement on July 31, 2013.

Background

A total of 13 monitoring wells (MW-1 through MW-13) and 2 piezometers (PZ-1 and PZ-2) were installed at various on-site and off-site locations during the site investigation. Laboratory analytical results for groundwater samples collected from the monitoring wells and piezometers during the site investigation were summarized in AECOM's Site Investigation Report, dated November 26, 2013. Monitoring well and piezometer locations are shown on enclosed Site Figure 2. Water table elevations and analytical results for each round of sampling performed between June 2011 and November 2012 are summarized on enclosed Tables 1 and 2, respectively.

During the site investigation tetrachloroethene (PCE) concentrations in groundwater exceeded the NR 140 Enforcement Standard (ES) of 5.0 µg/L, ranging from 7.51 µg/l (November 2011) to 26.7 µg/l (June 2011). PCE exceeded the ES during the June 2011, November 2011, and March 2012 groundwater monitoring events at well locations east and southeast (down gradient) of the PCE source, including two on-site monitoring wells (MW-2 and MW-3) and one off-site monitoring well (MW-4) located next to the McKinley Center School playground.

Well Abandonments

Off-site Monitoring Well MW-7 and Piezometer PZ-2 located in a parking lot on the commercial property at 3133 Church Street southeast of the site were abandoned on October 4, 2013, at the request of the property owner, Craig Tesch, to make way for landscaping and paving work. The abandonment request was pre-approved by the Wisconsing Department of Natural Resources (WDNR) and completed abandonment forms are enclosed. AECOM sampled MW-7 and PZ-2 five times during the site investigation between June 2011 and November 2012. Lab results for each sampling event indicated the wells were not impacted by chlorinated volatile organic compounds (CVOCs). Alternatively, off-site wells MW-5 and PZ-1 continue to provide good boundary wells to the southeast, maintaining an adequate monitoring well network.

Interim Groundwater Monitoring

AECOM performed four rounds of interim groundwater monitoring and collected groundwater samples from the following wells:

- September 2013, January 2014, and April 2014 (limited to wells where PCE was detected during the site investigation): MW-2, MW-3, MW-4, MW-5, MW-9, MW-10, MW-11, and PZ-1
- July 2014 (all wells in the monitoring well network for the site): MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, and PZ-1

One duplicate sample was collected from MW-2 during each groundwater monitoring event.

Groundwater purging and sampling was conducted using a peristaltic pump and a YSI flow-through cell (i.e. low-flow sampling method).

All samples were laboratory analyzed for VOCs (Method 8260) by Pace Analytical Laboratories, Inc., (Pace).

Purge water removed from each well was disposed of at the Rib Mountain Metropolitan Sewerage District's (RMMSD) regional facility.

Groundwater sample collection records, laboratory analytical reports, and sample chain of custody forms are enclosed.

Fluid Levels, Groundwater Elevations and Hydraulics

Stabilized depths to water were measured in each monitoring well and piezometer when sampled during each interim groundwater monitoring event. Some noteworthy statistics for the site include the following:

- Depths to groundwater measured during the four monitoring events ranged from 16.30 feet below ground surface (bgs) at MW-1 (July 2014) to 19.57 feet bgs at MW-2 (September 2013).
- The shallowest water levels varied by 1.50 feet, while the deepest water levels varied by 1.15 feet, indicating seasonal water table fluctuations occurred within a relatively narrow range.
- Groundwater elevations ranged from a high of 1,072.19 at MW-1 (July 2014) to a low of 1,069.95 at MW-9 (September 2013).
- The hydraulic gradient was relatively slight and ranged from approximately 0.001 feet per foot (September 2013, April 2014 and July 2014) to 0.002 feet per foot (January 2014).
- The groundwater flow direction was generally to the northeast during each monitoring event.

Water levels and groundwater elevations for each interim monitoring event are summarized in Table 1.

Water Table Contour Maps for each interim monitoring event are presented in Figures 3A through 3D.

Groundwater Monitoring Results

Groundwater sample analytical results for PCE during each interim monitoring event are summarized in Table 2. PCE isoconcentration maps for each interim monitoring event are provided in Figures 4A through 4D. Highlights of interim groundwater monitoring results include the following:

1. In September 2013, PCE exceeded the NR 140 Enforcement Standard (ES) of 5.0 µg/L in source area well MW-2 (13.0 µg/L). PCE only exceeded the NR 140 Preventive Action Limit (PAL) of 0.5 µg/L in MW-3, MW-4, MW-9, MW-10, MW-11, and PZ-1.

2. In January 2014, PCE exceeded the NR 140 ES of 5.0 µg/L in off-site well MW-11 (13.5 µg/L) located just northeast of the source area. PCE only exceeded the NR 140 PAL of 0.5 µg/L in MW-2, MW-3, MW-4, and MW-10.

3. In April 2014, PCE exceeded the NR 140 ES of 5.0 µg/L in off-site well MW-11 (9.0 µg/L) and equaled the ES in off-site well MW-10 (5.0 µg/L) located next to McKinley Center Elementary School. PCE only exceeded the NR 140 PAL of 0.5 µg/L in MW-2, MW-3 and MW-4.

4. In July 2014, PCE exceeded the NR 140 ES of 5.0 µg/L in source area well MW-2 (7.2 µg/L) and in off-site well MW-10 (11.0 µg/L). PCE only exceeded the NR 140 PAL of 0.5 µg/L in MW-3, MW-4 and MW-11.

Conclusions

The following is concluded from the information and data collected during the interim groundwater monitoring events:

1. During the site investigation, the groundwater flow direction at the site was generally to the southeast. However, the flow direction apparently shifted to the northeast prior to the start of the interim groundwater monitoring program.

2. PCE levels exceeded the NR 140 ES of 5.0 µg/L at off-site wells MW-10 and MW-11 on one or more sampling dates during the interim groundwater monitoring program, which had not been the case during the site investigation.

3. The presence of PCE above the ES at MW-10 and MW-11 corresponds to an apparent shift in the groundwater flow direction from southeast during the site investigation to the northeast prior to the interim monitoring program.

4. Overall, the range of PCE levels detected in groundwater during the interim monitoring program were similar to PCE levels detected during the site investigation. No significant reduction in PCE levels has apparently occurred.

5. The apparent extent of PCE exceeding the ES remained within the boundaries of the monitoring well network for the site.

6. Residual PCE contaminated soil in the source area exceeding the Wisconsin soil-to-groundwater pathway Residual Contaminant Level (RCL-gw) of 4.5 µg/kg apparently continues to negatively impact groundwater quality. Consequently, a remedial action is warranted to address residual PCE in the source area soil exceeding the RCL-gw.

AECOM

AECOM appreciates the opportunity to assist your with this project. If you have any questions, please call me at (715) 342-3038.

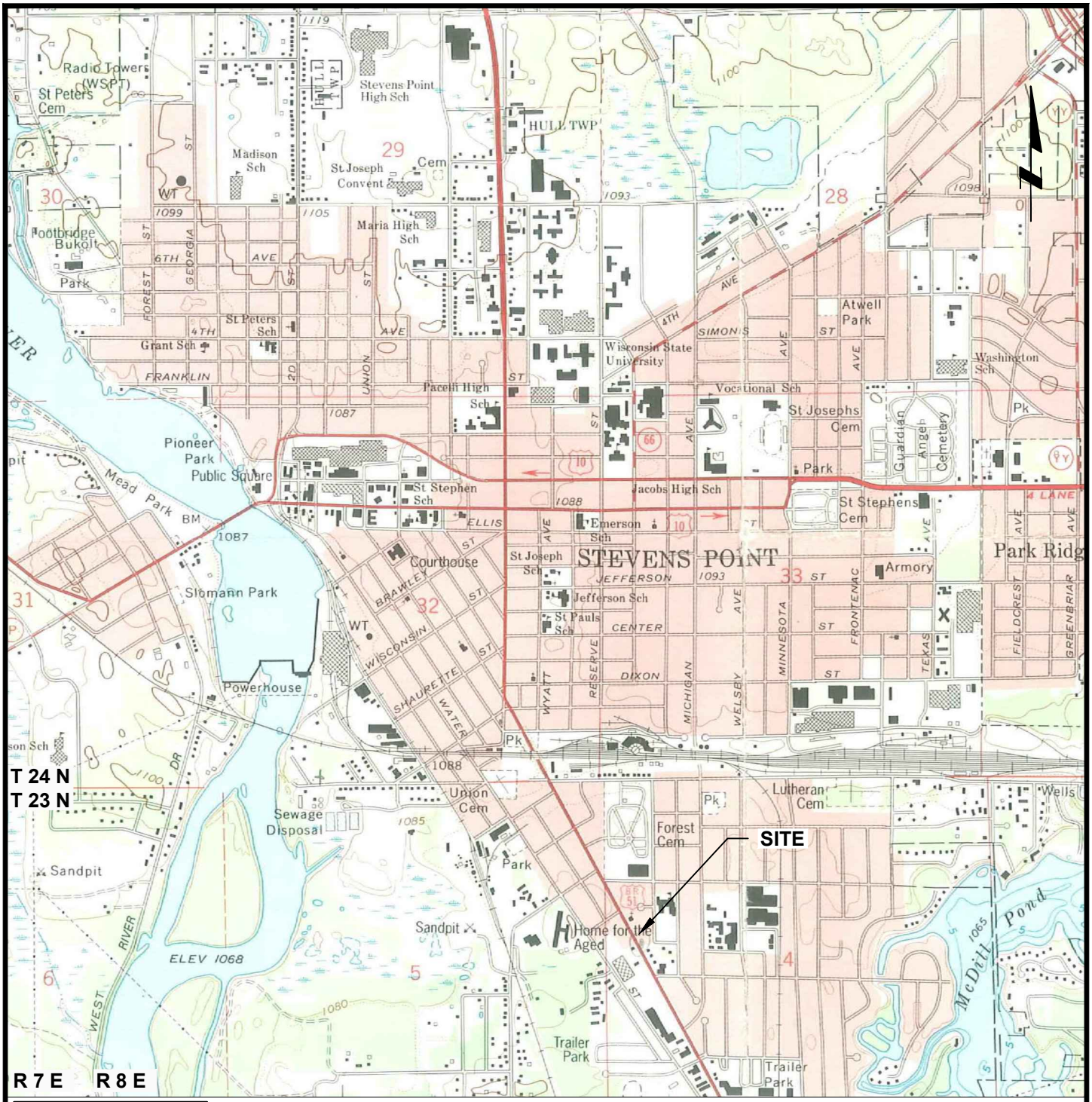
Sincerely,

Kyle W. Wagoner, P.G., CHMM
Project Hydrogeologist

Enclosures: Figures
Tables
Field Documents
Laboratory Analytical Reports and Chain of Custody Forms
Waste Water Disposal Documentation

c/encl: Lisa Gutknecht, Wisconsin Department of Natural Resources - Wausau

Figures



PORTAGE COUNTY

INDEX MAP

SOURCE: USGS 7.5 MINUTE QUADRANGLE,
STEVENS POINT, WISCONSIN, 1970 REVISED 1991

SCALE 1: 24000

1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

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SITE LOCATION MAP
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

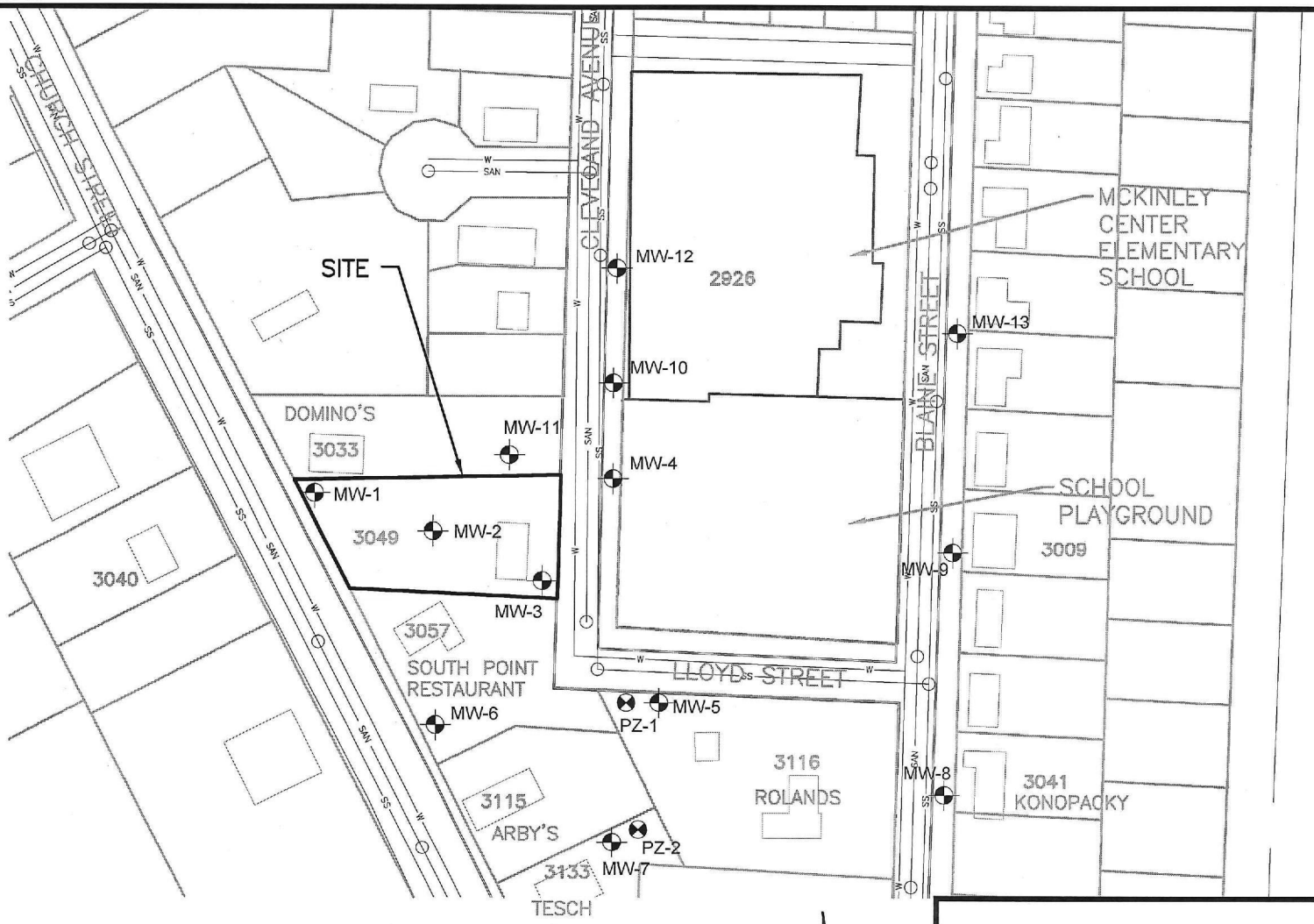
FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE 1.dwg	DMA	60150374	06/2011	1

Plotted By: armitaged
Layout-Sheet Name: FIG 1_60135040
Plot File Date Created: Jun/20/2011 3:21 PM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE 1.DWG

Plotted By: armitaged
Layout–Sheet Name: FIGURE 4
Plot File Date Created: May/14/2013 7:34 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2–MAY–2013.DWG



LEGEND

- MONITORING WELL
- PIEZOMETER

0' 80' 160'

Note: Wells MW-7 and PZ-2 were abandoned on October 4, 2013.

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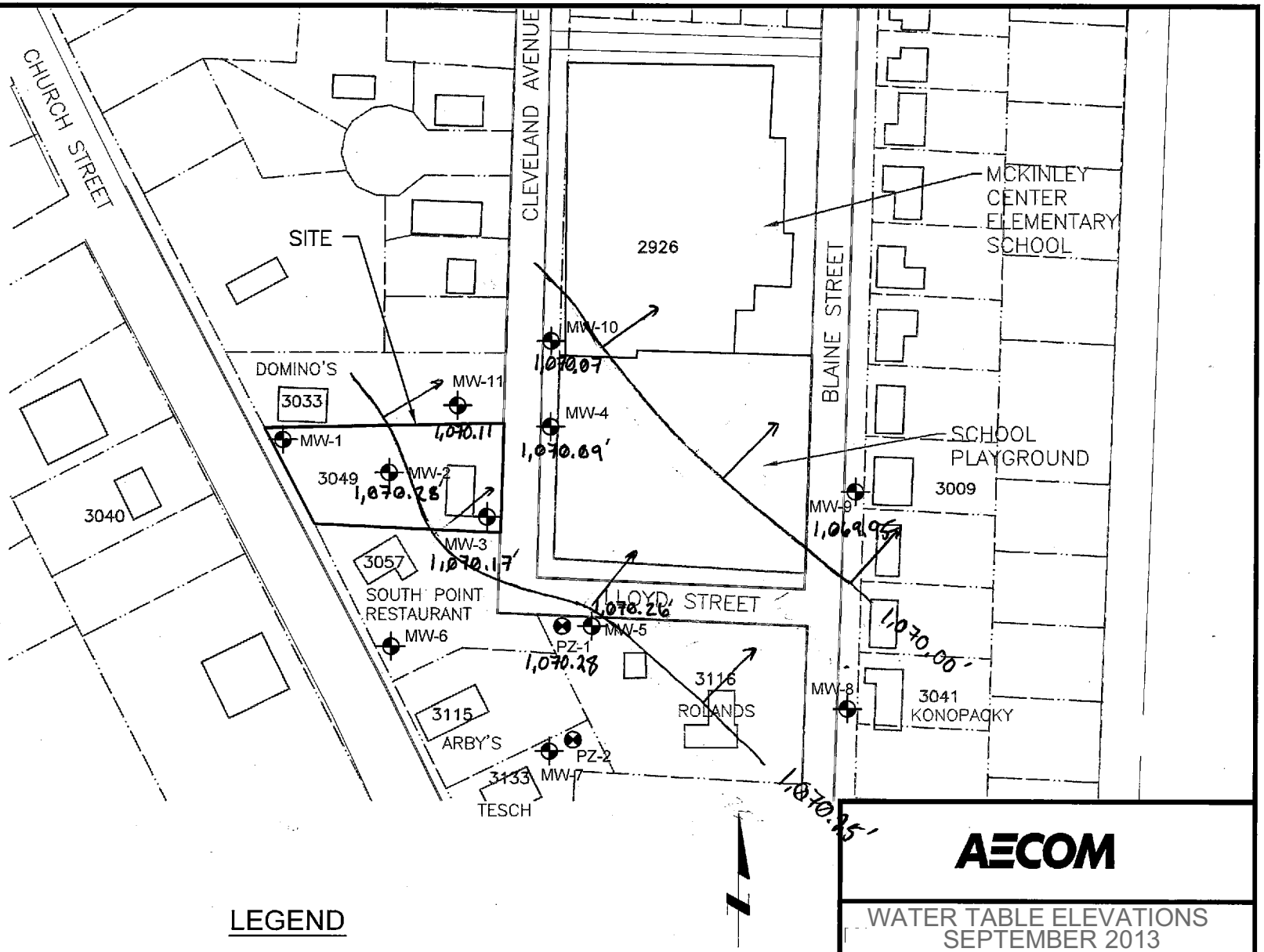
MONITORING WELLS AND PIEZOMETERS
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2-MAY-2013.dwg	DMA	114557	06/2011	2

Plotted By: mittelsteodtk
Layout-Sheet Name: FIGURE 4
Plot File Date Created: Jan/16/2012 7:12 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2.DWG



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WATER TABLE ELEVATIONS SEPTEMBER 2013

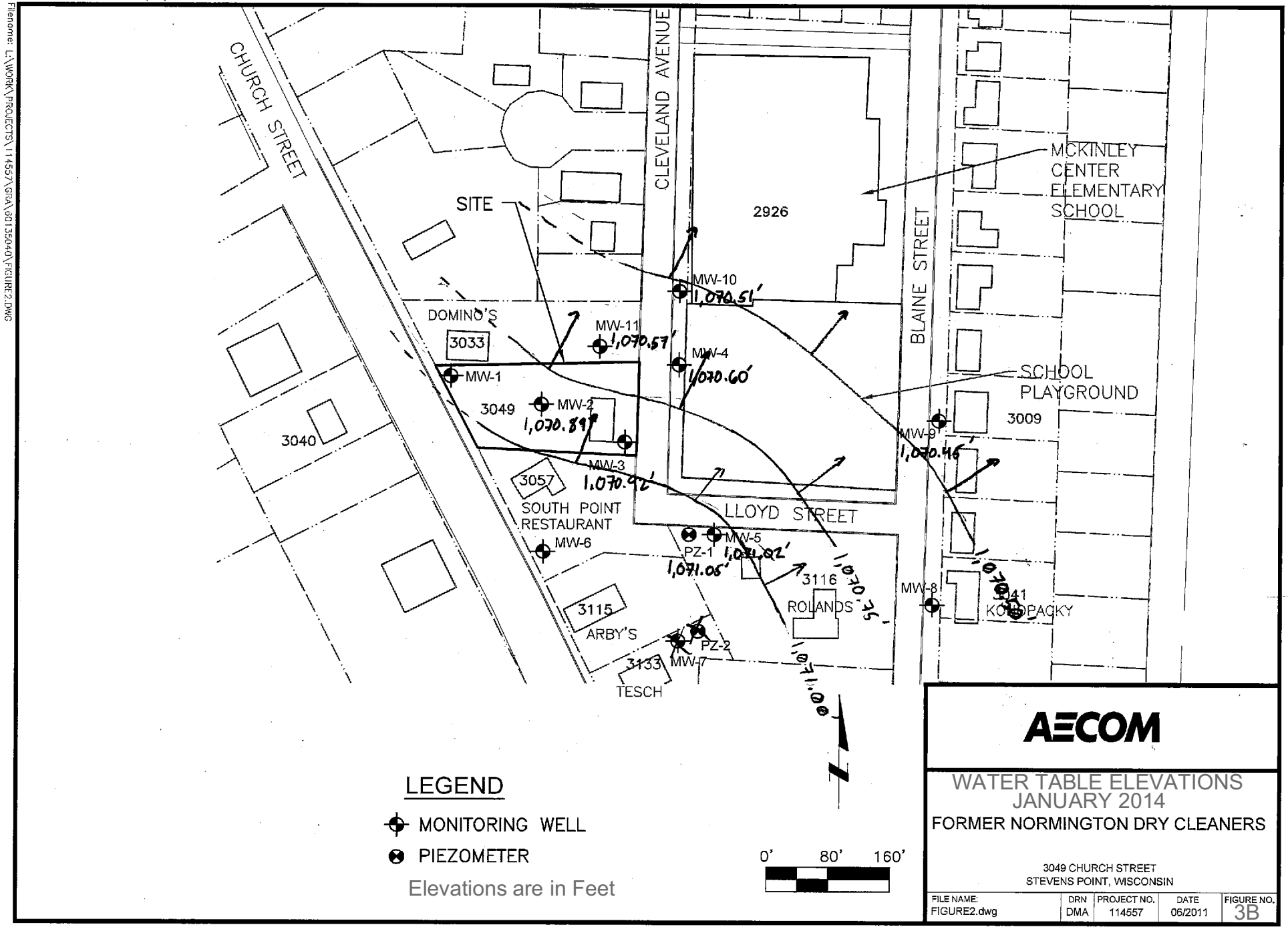
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2.dwg	DMA	114557	06/2011	3A

Plotted By: mittelsteadtk
Layout-Sheet Name: FIGURE 4
Plot File Date Created: Jan/16/2012 7:12 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2.DWG



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WATER TABLE ELEVATIONS JANUARY 2014

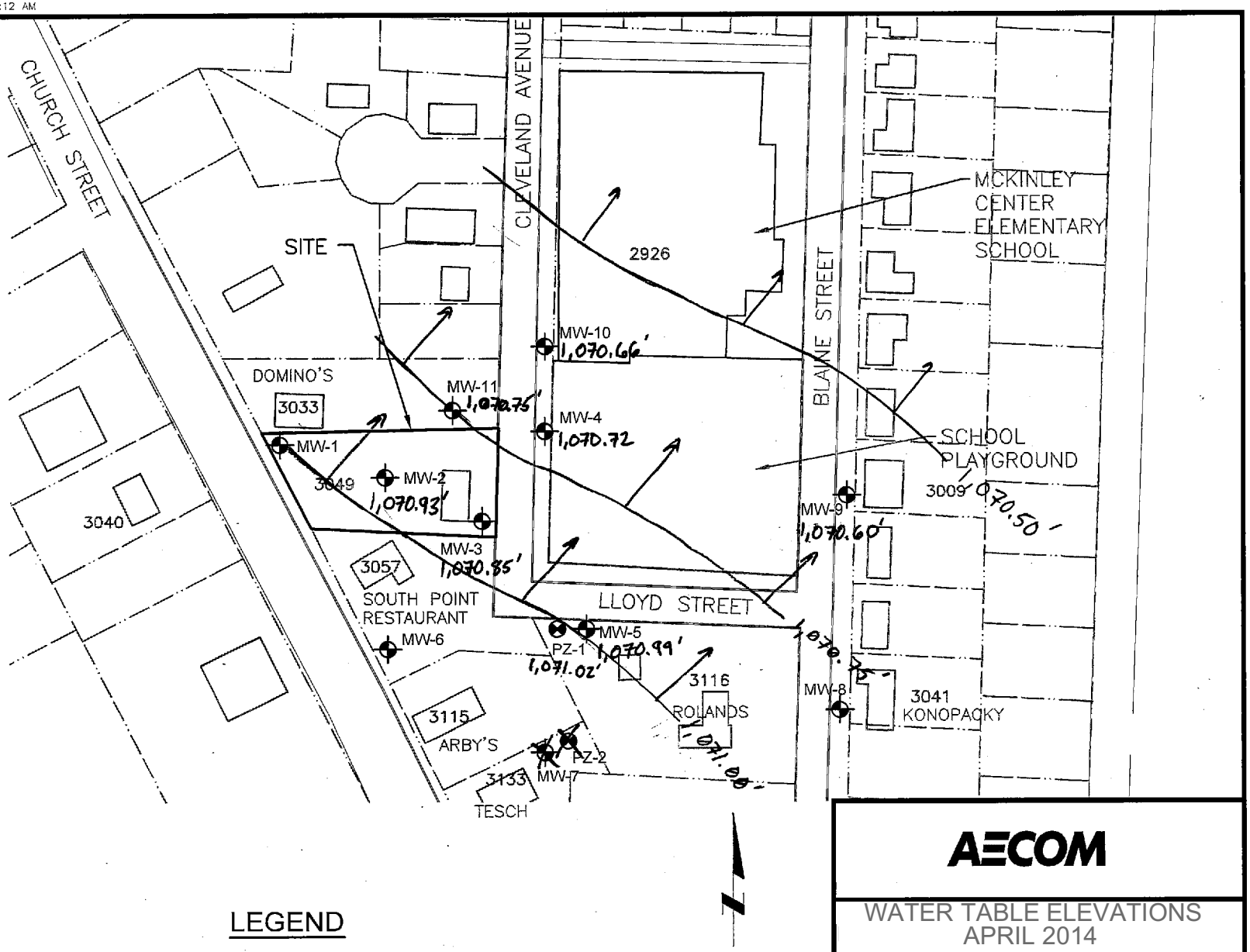
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2.dwg	DMA	114557	06/2011	3B

Plotted By: mittelsteodtk
Layout-Sheet Name: FIGURE 4
Plot File Date Created: Jan/16/2012 7:12 AM

Filename: I:\WORK\PROJECTS\114557\GRA\601350-40\FIGURE2.DWG



LEGEND

- MONITORING WELL
- PIEZOMETER

Elevations are in Feet

0' 80' 160'

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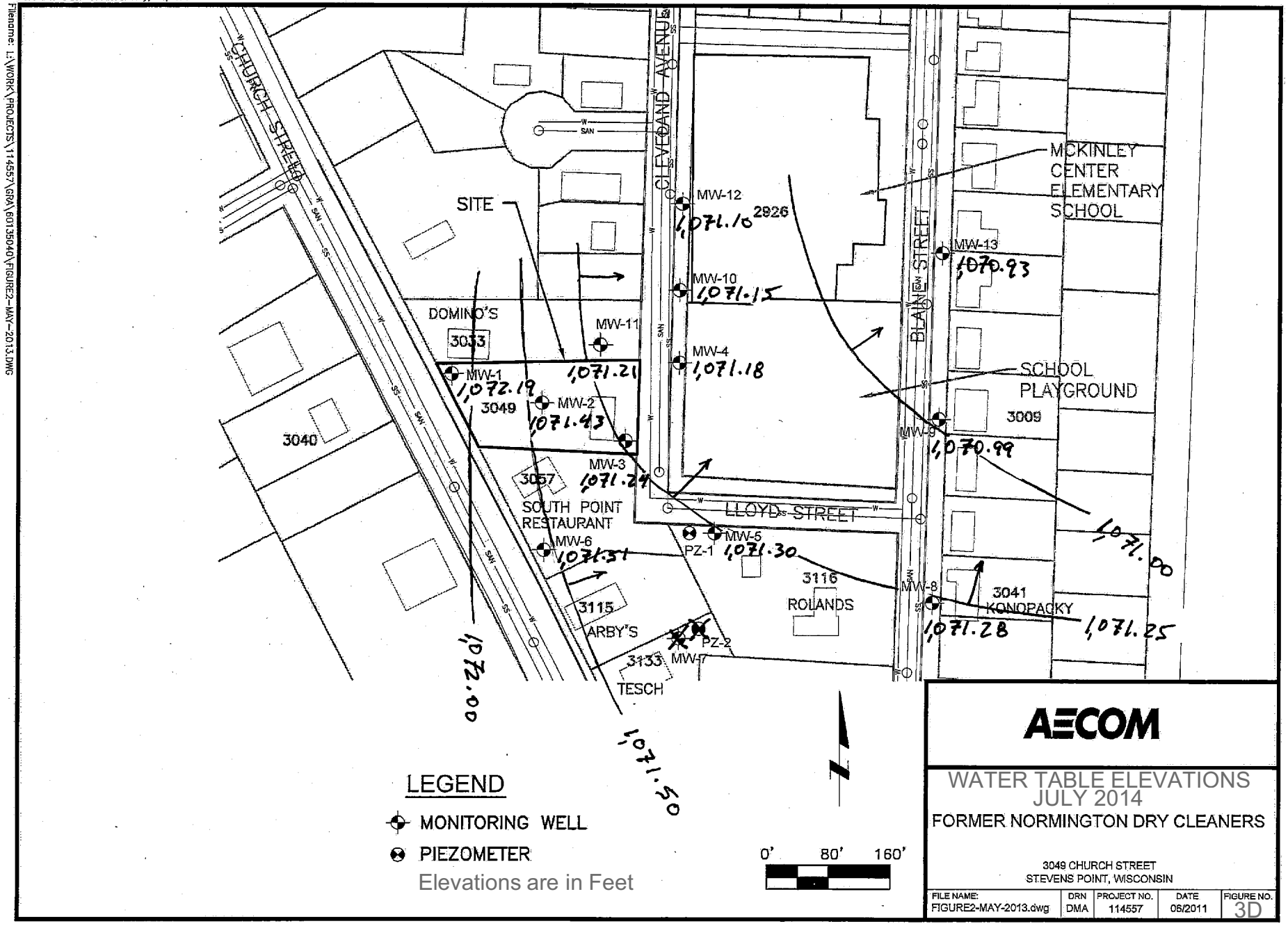
WATER TABLE ELEVATIONS
APRIL 2014
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2.dwg	DMA	114557	06/2011	3C

Plotted By: armitaged
Layout-Sheet Name: FIGURE 4
Plot File Date Created: May/14/2013 7:34 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2-MAY-2013.DWG



LEGEND

- MONITORING WELL
- PIEZOMETER

Elevations are in Feet

AECOM

WATER TABLE ELEVATIONS JULY 2014

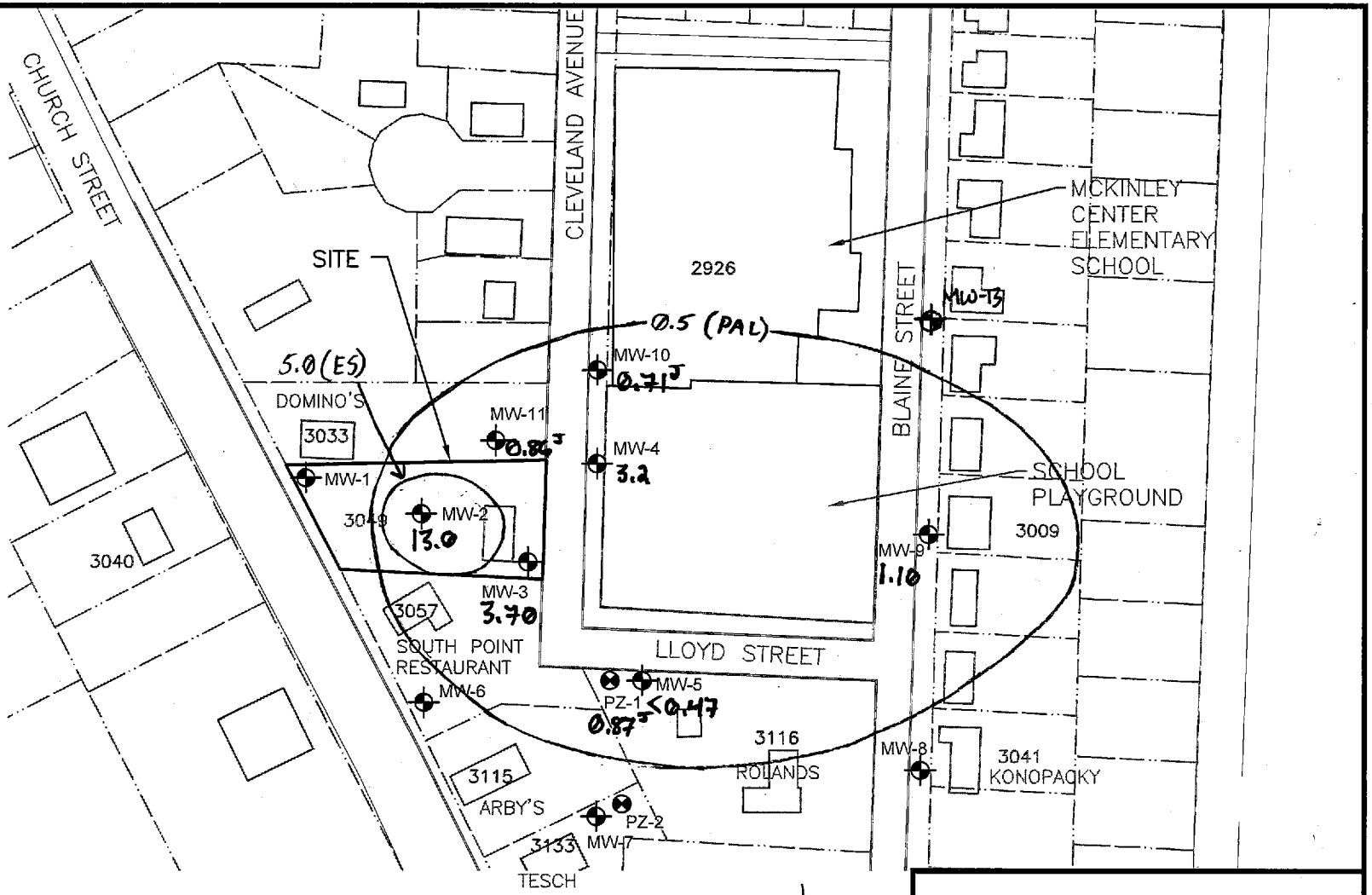
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2-MAY-2013.dwg	DMA	114557	05/2011	3D

Plotted By: mittelsteadtk
Layout–Sheet Name: FIGURE 4
Plot File Date Created: Jan/16/2012 7:12 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2.DWG



LEGEND

- MONITORING WELL
- PIEZOMETER

Concentrations in ug/L

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PCE IN GROUNDWATER
SEPTEMBER 2013

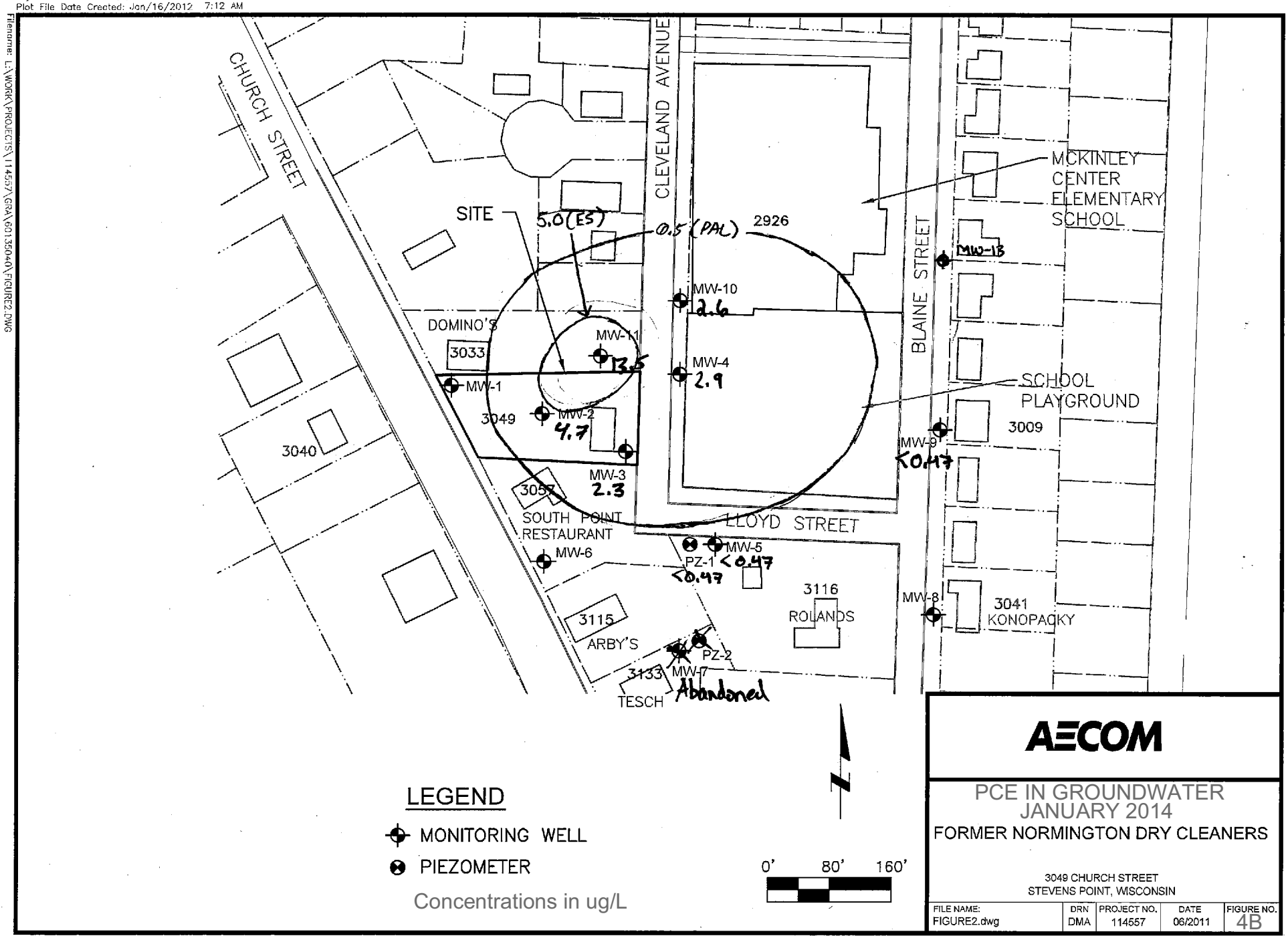
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2.dwg	DMA	114557	06/2011	4A

Plotted By: mittelsteadtk
Layout-Sheet Name: FIGURE 4
Plot File Date Created: Jan/16/2012 7:12 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2.DWG



LEGEND

- MONITORING WELL
- PIEZOMETER

Concentrations in ug/L

AECOM

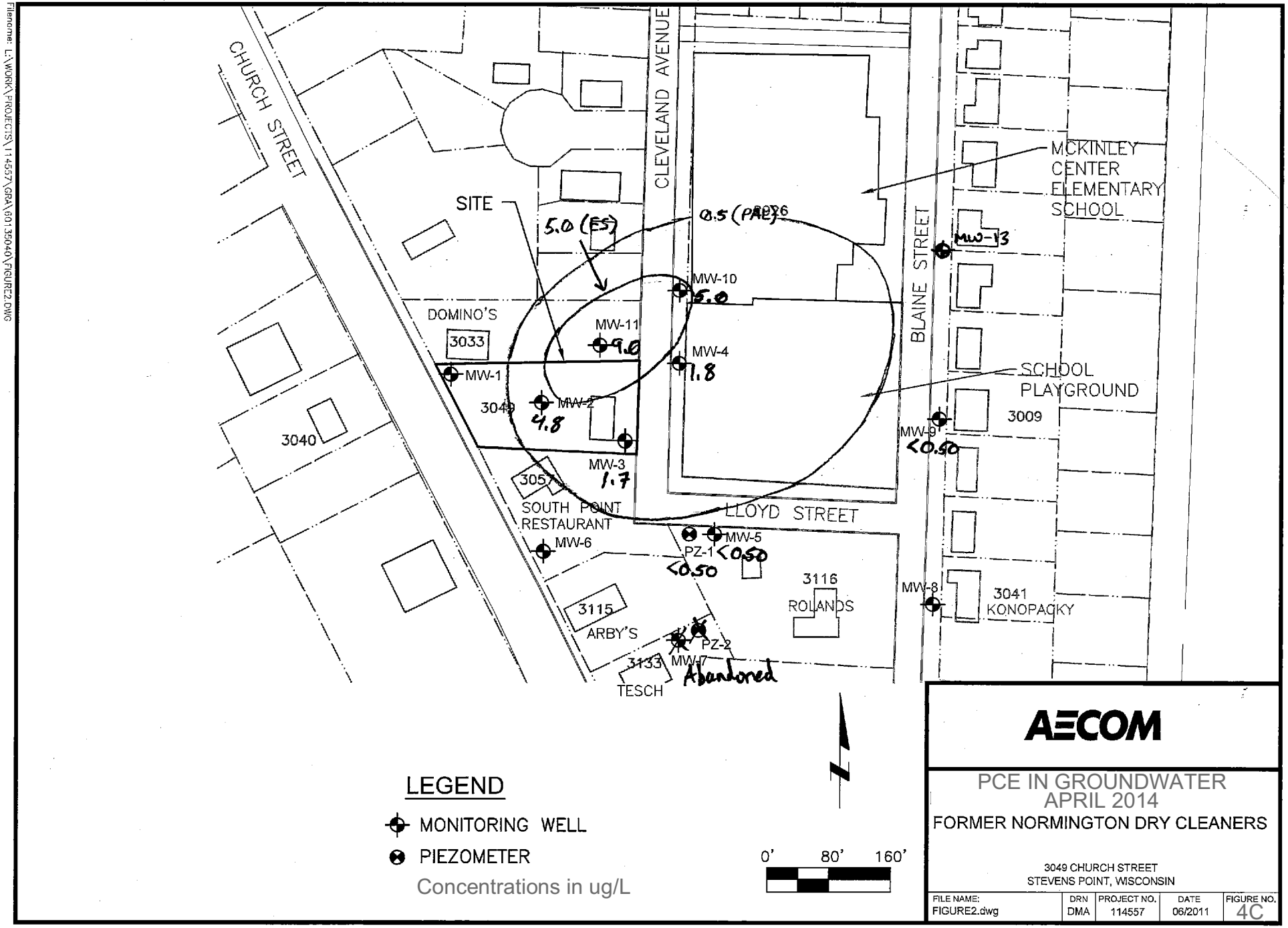
PCE IN GROUNDWATER
JANUARY 2014
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2.dwg	DMA	114557	06/2011	4B

Plotted By: mittelsteadtk
Layout-Sheet Name: FIGURE 4
Plot File Date Created: Jan/16/2012 7:12 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2.DWG



AECOM

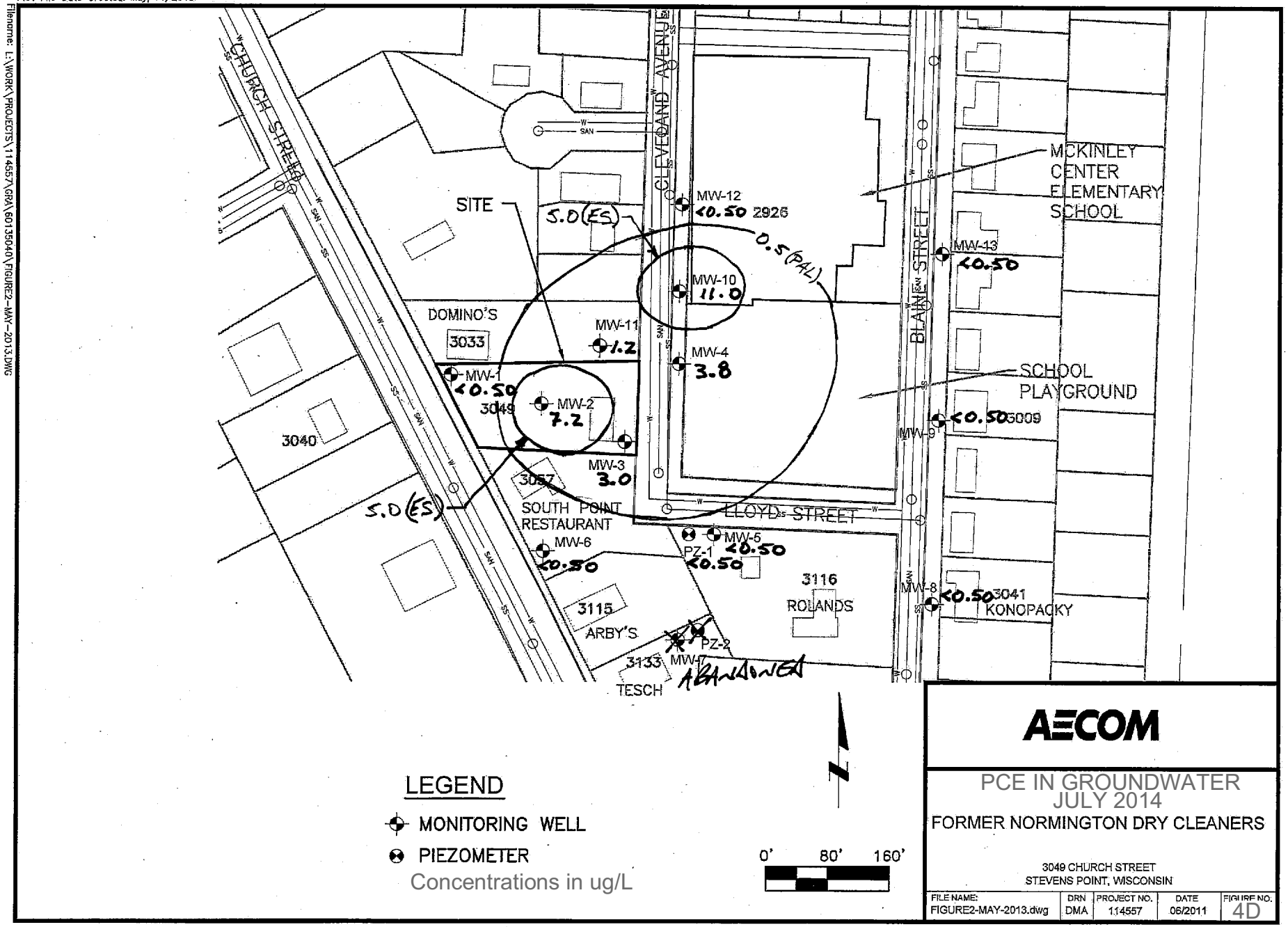
PCE IN GROUNDWATER
APRIL 2014
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2.dwg	DMA	114557	06/2011	4C

Plotted By: armitaged
Layout–Sheet Name: FIGURE 4
Plot File Date Created: May/14/2013 7:34 AM

Filename: L:\WORK\PROJECTS\114557\GRA\60135040\FIGURE2–MAY–2013.DWG



AECOM

PCE IN GROUNDWATER
JULY 2014
FORMER NORMINGTON DRY CLEANERS

3049 CHURCH STREET
STEVENS POINT, WISCONSIN

FILE NAME:	DRN	PROJECT NO.	DATE	FIGURE NO.
FIGURE2-MAY-2013.dwg	DMA	114557	06/2011	4D

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Tables

Table 1
Monitoring Well, Piezometer, and Fluid Level Data
Former Normington Dry Cleaners Site
3409 Church Street, Stevens Point, Wisconsin
WDNR BRRTS No. 02-50-525911

Well No.	Date	Ground Elevation (ft)	T.O.C. Elevation (ft)	Top of Screen Elevation (ft)	Depth to Water (ft)	Water Table Elevation (ft)
MW-1	5/20/2011	1,088.89	1,088.49	1,077.39	17.51	1,070.98
	5/26/2011				15.58	1,072.91
	6/2/2011				17.70	1,070.79
	6/23/2011				16.07	1,072.42
	11/29/2011				17.99	1,070.50
	3/7/2012				19.14	1,069.35
	8/7/2012				18.97	1,069.52
	11/8/2012				19.91	1,068.58
	7/24/2014				16.30	1,072.19
MW-2	5/20/2011	1,090.44	1,089.85	1,076.44	18.60	1,071.25
	5/26/2011				18.07	1,071.78
	6/2/2011				18.17	1,071.68
	6/23/2011				18.40	1,071.45
	11/30/2011				20.09	1,069.76
	3/8/2012				21.10	1,068.75
	8/7/2012				21.15	1,068.70
	11/8/2012				21.35	1,068.50
	9/4/2013				19.57	1,070.28
	1/14/2014				18.96	1,070.89
	4/23/2014				18.92	1,070.93
	7/24/2014				18.42	1,071.43
MW-3	5/20/2011	1,088.65	1,088.23	1,074.65	18.65	1,069.58
	5/26/2011				16.66	1,071.57
	6/2/2011				16.75	1,071.48
	6/23/2011				16.95	1,071.28
	11/29/2011				18.59	1,069.64
	3/8/2012				19.63	1,068.60
	8/7/2012				19.71	1,068.52
	11/8/2012				19.96	1,068.27
	9/4/2013				18.06	1,070.17
	1/13/2014				17.31	1,070.92
	4/23/2014				17.38	1,070.85
	7/24/2014				16.99	1,071.24
MW-4	5/20/2011	1,088.80	1,088.41	1,074.80	16.88	1,071.53
	5/26/2011				16.90	1,071.51
	6/2/2011				17.00	1,071.41
	6/23/2011				17.21	1,071.20
	11/29/2011				18.84	1,069.57
	3/8/2012				19.79	1,068.62
	8/7/2012				19.91	1,068.50
	11/9/2012				20.17	1,068.24
	9/4/2013				18.32	1,070.09
	1/13/2014				17.81	1,070.60
	4/23/2014				17.69	1,070.72
	7/23/2014				17.23	1,071.18

Table 1 (continued)

Well No.	Date	Ground Elevation (ft)	T.O.C. Elevation (ft)	Top of Screen Elevation (ft)	Depth to Water (ft)	Water Table Elevation (ft)
MW-5	5/20/2011	1,089.12	1,088.77	1,075.12	17.19	1,071.58
	5/26/2011				17.05	1,071.72
	6/2/2011				17.17	1,071.60
	6/23/2011				17.37	1,071.40
	11/28/2011				19.09	1,069.68
	3/7/2012				20.19	1,068.58
	8/7/2012				20.24	1,068.53
	11/8/2012				20.46	1,068.31
	9/4/2013				18.51	1,070.26
	1/13/2014				17.75	1,071.02
	4/23/2014				17.78	1,070.99
	7/23/2014				17.47	1,071.30
MW-6	5/20/2011	1,089.33	1,088.88	1,073.33	17.05	1,071.83
	5/26/2011				17.06	1,071.82
	6/2/2011				17.14	1,071.74
	6/23/2011				17.39	1,071.49
	11/29/2011				19.02	1,069.86
	3/7/2012				20.16	1,068.72
	8/8/2012				20.20	1,068.68
	11/8/2012				20.40	1,068.48
	7/24/2014				17.37	1,071.51
MW-7	5/20/2011	1,089.39	1,088.98	1,074.39	17.33	1,071.65
	5/26/2011				17.33	1,071.65
	6/3/2011				17.42	1,071.56
	6/23/2011				17.67	1,071.31
	11/28/2011				19.21	1,069.77
	3/7/2012				20.35	1,068.63
	8/8/2012				20.14	1,068.84
	11/8/2012				20.62	1068.36
	10/4/2013				Abandoned	
MW-8	5/20/2011	1,088.86	1,088.55	1,074.86	17.19	1,071.36
	5/26/2011				17.19	1,071.36
	6/3/2011				17.29	1,071.26
	6/23/2011				17.49	1,071.06
	11/28/2011				19.11	1,069.44
	3/7/2012				20.18	1,068.37
	8/8/2012				20.27	1,068.28
	11/8/2012				20.45	1,068.10
	7/23/2014				17.47	1,071.08
MW-9	11/28/2011	1,088.25	1,087.85	1,073.25	18.50	1,069.35
	3/7/2012				19.52	1,068.33
	8/8/2012				19.62	1,068.23
	11/9/2012				19.82	1,068.03
	9/4/2013				17.90	1,069.95
	1/13/2014				17.40	1,070.45
	4/23/2014				17.25	1,070.60
	7/23/2014				16.86	1,070.99
MW-10	11/29/2011	1,088.86	1,088.42	1,073.86	18.87	1,069.55
	3/8/2012				19.73	1,068.69
	8/7/2012				19.86	1,068.56
	11/9/2012				20.13	1,068.29
	9/4/2013				18.35	1,070.07
	1/13/2014				17.91	1,070.51
	4/23/2014				17.76	1,070.66
	7/23/2014				17.27	1,071.15

Table 1 (continued)

Well No.	Date	Ground Elevation (ft)	T.O.C. Elevation (ft)	Top of Screen Elevation (ft)	Depth to Water (ft)	Water Table Elevation (ft)
MW-11	11/29/2011	1,088.46	1,087.91	1,073.46	18.29	1,069.62
	3/8/2012				19.23	1,068.68
	8/7/2012				19.34	1,068.57
	11/8/2012				19.60	1,068.31
	9/4/2013				17.80	1,070.11
	1/13/2014				17.34	1,070.57
	4/23/2014				17.16	1,070.75
	7/24/2014				16.70	1,071.21
MW-12	8/7/2012	1,088.45	1,087.98	1,073.45	19.41	1,068.57
	11/9/2012				19.69	1,068.29
	7/23/2014				16.88	1,071.10
MW-13	8/8/2012	1,088.02	1,087.55	1,073.02	19.33	1,068.22
	11/9/2012				19.50	1,068.05
	7/23/2014				16.62	1,070.93
PZ-1	5/20/2011	1,089.03	1,088.67	1,058.03	17.07	1,071.60
	5/26/2011				17.20	1,071.47
	6/2/2011				17.29	1,071.38
	6/23/2011				17.49	1,071.18
	11/28/2011				18.97	1,069.70
	3/7/2012				20.08	1,068.59
	8/7/2012				20.12	1,068.55
	11/8/2012				20.33	1,068.34
	9/4/2013				18.39	1,070.28
	1/13/2014				17.62	1,071.05
	4/23/2014				17.65	1,071.02
	7/23/2014				17.35	1,071.32
PZ-2	5/20/2011	1,089.35	1,088.87	1,057.85	17.23	1,071.64
	5/26/2011				17.23	1,071.64
	6/3/2011				17.31	1,071.56
	6/23/2011				p	1,088.87
	11/29/2011				19.10	1,069.77
	3/7/2012				20.24	1,068.63
	8/8/2012				20.31	1,068.56
	11/8/2012				20.51	1,068.36
	10/4/2013				Abandoned	

Note: All elevations are referenced to an assumed benchmark elevation of 1,090.00 feet on the northwest corner of the concrete slab for the former shed.

L:\Work\Projects\114557\eng\GW Monitoring Results 2014\[table_1.xlsx]levels

Table 2
Groundwater Analytical Results - Monitoring Wells and Piezometers
Former Normington Dry Cleaners Site
3409 Church Street
Stevens Point, Wisconsin
WDNR BRRTS No. 02-50-525911

Sample ID.:			MW-1						MW-2									MW-2 DUP									MW-3								
Sample Date:			6/2/11	11/29/11	3/7/12	8/7/12	11/8/12	7/24/14	6/2/11	11/30/11	3/8/12	8/7/12	11/8/12	9/4/13	1/14/14	4/23/14	7/24/14	6/2/11	11/30/11	3/8/12	8/7/12	11/8/12	9/4/13	1/14/14	4/23/14	7/24/14	6/2/11	11/29/11	3/8/12	8/7/12	11/8/12	9/4/13	1/13/14	4/23/14	07/24/14
Analyte	**ES**	**PAL**	**Results**																															
VOCs (µg/l)																																		
1,2,3-Trichlorobenzene	NE	NE	<0.50	<0.50	<0.50	<0.74	<0.74	<2.1	<0.50	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1	<0.50	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1	<0.50	0.51[J]	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1
p-Isopropyltoluene	NE	NE	<0.40	3.27	1.20[J]	3.9	3.9	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<0.13	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<0.13	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<0.13	<0.50
Benzene	5	0.5	<0.20	0.20[J]	<0.20	<0.41	<0.41	<0.50	<0.20	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	0.6	0.06	--	--	<0.40	<0.56	<0.56	<0.50	--	--	<0.40	<0.56	<0.56	**4.8**	**1.2**	**0.69[J]**	<0.50	--	--	<0.40	<0.56	<0.56	**4.8**	**1.2**	**0.56[J]**	<0.50	--	--	<0.40	<0.56	<0.56	<0.45	<0.45	<0.50	<0.50
Bromoform	4.4	0.44	0.34[J]	<0.20	<0.20	<0.94	<0.94	<0.50	**0.58[J]**	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50	0.44[J]	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50	<0.20	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50
Bromomethane	10	1	<1.00	<1.00	<1.00	<0.91	<0.91	<2.4	<1.00	<1.00	<1.00	**6.1**	<0.91	<0.43	<0.43	<2.4	<2.4	<1.00	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4	<1.00	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4
Chloromethane	30	3	<0.40	<0.40	<0.40	<0.24	<0.24	<0.50	<0.40	<0.40	<0.40	**69.6**	<0.24	<0.39	<0.39	<0.50	1.2	<0.40	<0.40	<0.40	1.5	<0.24	<0.39	<0.39	<0.50	0.87[J]	<0.40	0.78[J]	<0.40	<0.24	<0.24	<0.39	<0.39	<0.50	<0.50
Chloroform	6	0.6	<0.20	<0.20	<0.20	<1.3	<1.3	<2.5	<0.20	0.34[J]	0.31[J]	<1.3	<1.3	**3.7[J]**	**3.5[J]**	<2.5	<2.5	<0.20	0.34[J]	0.31[J]	<1.3	<1.3	**3.5[J]**	**3.6[J]**	<2.5	<2.5	<0.20	<0.20	<0.20	<1.3	<1.3	<0.69	<0.69	<2.5	<2.5
Dichlorodifluoromethane	1000	200	<0.30	<0.30	<0.30	<0.99	<0.99	<0.20	<0.30	0.41[J]	0.36[J]	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20	<0.30	0.39[J]	0.42[J]	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20	<0.30	<0.30	<0.30	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20
Tetrachloroethene (PCE)	5	0.5	<0.30	<0.30	<0.30	<0.45	<0.45	<0.50	**9.02**	**3.56**	**2.14**	**1.70**	**1.10**	**13.00**	**4.7**	**4.8**	**7.0**	**8.44**	**3.52**	**2.12**	**1.6**	**2.1**	**12.70**	**4.5**	**4.3**	**7.2**	**26.70**	**9.70**	**25.10**	**3.60**	**2.80**	**3.70**	**2.3**	**1.7**	**3.0**
Toluene	800	160	<0.40	1.39	<0.40	<0.67	<0.67	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50
Xylenes	2000	400	<0.60	0.72[J]	<0.60	<1.63	<2.63	<1.50	<0.60	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.5	<0.60	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.50	<0.60	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.5
Natural Attenuation Parameters (mg/l, except as noted)																																			
Alkalinity, Total as $CaCO_3$	--	--	39.1	--	--	--	--	--	55.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34.8	--	--	--	--	--	--	--	--
Chloride	250	125	**205**	--	--	--	--	--	**346**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**268**	--	--	--	--	--	--	--	--
Ethane (µg/l)	--	--	<1.70	--	--	--	--	--	<1.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.70	--	--	--	--	--	--	--	--
Ethene (µg/l)	--	--	<1.50	--	--	--	--	--	<1.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.50	--	--	--	--	--	--	--	--
Methane (µg/l)	--	--	4.10[J]	--	--	--	--	--	<1.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.80	--	--	--	--	--	--	--	--
Iron, Dissolved	0.30	0.15	0.041[J]	--	--	--	--	--	<0.010	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.023[J]	--	--	--	--	--	--	--	--
Manganese, Dissolved	0.05	0.03	**0.58**	--	--	--	--	--	**0.12**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.10**	--	--	--	--	--	--	--	--
Nitrate as Nitrogen	10	2	**5.05**	--	--	--	--	--	**7.97**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**6.24**	--	--	--	--	--	--	--	--
Sulfate	250	125	17.0	--	--	--	--	--	21.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14.9	--	--	--	--	--	--	--	--
Sulfide, Total	--	--	<1.00	--	--	--	--	--	<1.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<1.00	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	1.03	--	--	--	--	--	0.91[J]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.78	--	--	--	--	--	--	--	--
Field Measurements																																			
Dissolved Oxygen (mg/l)	--	--	5.50	--	--	--	--		6.85	4.03	4.60	4.03	3.77	5.57	8.78	6.53		NA	NA	NA	NA	NA	NA	NA	NA		7.12	4.69	2.52	3.53	5.95	5.30	4.81	4.16	
Temperature (˚C)	--	--	10.71	--	--	--	--		10.69	13.31	11.09	13.67	13.91	13.90	11.98	10.68		NA	NA	NA	NA	NA	NA	NA	NA		9.12	12.92	10.33	13.40	14.16	13.91	12.60	9.94	
pH	--	--	5.98	--	--	--	--		6.52	6.72	6.03	6.17	6.04	5.39	6.92	6.32		NA	NA	NA	NA	NA	NA	NA	NA		6.21	7.21	6.24	6.42	6.40	4.86	6.43	6.50	
Specific Conductance (µmhos/cm)	--	--	1,549	--	--	--	--		2,536	293	1,186	1,335	1,557	1,093	1,559	1,521		NA	NA	NA	NA	NA	NA	NA	NA		1,999	168	1,415	990	252	1,013	2,349	2,321	
ORP (mv)	--	--	51.3	--	--	--	--		42.4	44.8	203.8	185.0	112.4	37.3	154.0	113.6		NA	NA	NA	NA	NA	NA	NA	NA		52.7	45.0	294.1	183.3	84.7	48.7	193.3	97.5	

Notes:

1. ES - Enforcement Standard listed in Chapter NR 140 Tables 1 and 2, Wisconsin Administrative Code, January 2012.
2. PAL - Preventive Action Limit listed in Chapter NR 140, Tables 1 and 2, Wisconsin Administrative Code, January 2012.
3. Only VOC analytes detected at or above the laboratory detection limit are listed in this table.
4. NA - Not Analyzed
5. NE - Not Established
6. **Bold** indicates PAL exceedence.
7. **Bold and outline** indicates ES exceedence.
8. [J] - The estimated concentration was below laboratory quantitation level.
9. [S1H] - First sample matrix spike recovery was high.
10. [S2H] - Second sample matrix spike recovery was high.

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Table 2
Groundwater Analytical Results - Monitoring Wells and Piezometers
Former Normington Dry Cleaners Site
3409 Church Street
Stevens Point, Wisconsin
WDNR BRRTS No. 02-50-525911

Sample ID.:			MW-4									MW-5									MW-6						MW-7				
Sample Date:			6/2/11	11/29/11	3/8/12	8/7/12	11/9/12	9/4/13	1/13/14	4/23/14	7/23/14	6/2/11	11/28/11	3/7/12	8/7/12	11/8/12	9/4/13	1/13/14	4/23/14	7/23/14	6/2/11	11/29/11	3/7/12	8/8/12	11/8/12	7/24/14	6/3/11	11/28/11	3/7/12	8/8/12	11/8/12
Analyte	**ES**	**PAL**	**Results**																												
VOCs (µg/l)																															
1,2,3-Trichlorobenzene	NE	NE	<0.50	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1	<0.50	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1	<0.50	<0.50	<0.50	<0.74	<0.74	<2.1	<0.50	<0.50	<0.50	<0.74	<0.74
4-Isopropyltoluene	NE	NE	<0.40	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<0.13	<0.50	<0.40	<0.40	<0.40	<0.67	<0.40	<0.40	<0.40	<0.13	<0.50	<0.40	<0.40	<0.40	<0.67	<0.40	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67
Benzene	5	0.5	<0.20	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.5	<0.20	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.41	<0.41	<0.50	<0.20	<0.20	<0.20	<0.41	<0.41
Bromodichloromethane	0.6	0.06	--	--	<0.40	<0.56	<0.56	<0.45	<0.45	<0.50	<0.50	--	--	<0.40	<0.56	<0.56	<0.45	<0.45	<0.50	<0.50	--	--	<0.40	<0.56	<0.56	<0.50	--	--	<0.40	<0.56	<0.56
Bromoform	4.4	0.44	<0.20	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50	<0.20	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50	<0.20	<0.20	<0.20	<0.94	<0.94	<0.50	<0.20	<0.20	<0.20	<0.94	<0.94
Bromomethane	10	1	<1.00	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4	<1.00	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4	<1.00	<1.00	<1.00	**1.4**	<0.91	<2.4	<1.00	<1.00	<1.00	<0.91	<0.91
Chloromethane	30	3	<0.40	<0.40	<0.40	1.8	<0.24	<0.39	<0.39	<0.50	0.52[J]	<0.40	0.70[J]	<0.40	0.72[J]	<0.24	<0.39	<0.39	<0.50	<0.50	<0.40	<0.40	<0.40	**17.6**	<0.24	<0.50	<0.40	<0.40	<0.40	1.4	<0.24
Chloroform	6	0.6	<0.20	<0.20	<0.20	<1.3	<1.3	<0.69	<0.69	<2.5	<2.5	<0.20	<0.20	<0.20	<1.3	**3.7[J]**	<0.69	<0.69	<2.5	<2.5	<0.20	<0.20	<0.20	<1.3	<1.3	<2.5	<0.20	0.23[J]	<0.20	<1.3	<1.3
Dichlorodifluoromethane	1000	200	<0.30	<0.30	<0.30	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20	<0.30	<0.30	<0.30	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20	<0.30	<0.30	<0.30	<0.99	<0.99	<0.20	<0.30	<0.30	<0.30	<0.99	<0.99
Tetrachloroethene (PCE)	5	0.5	**23.6**	**7.51**	**7.74**	**1.5**	**1.8**	**3.2**	**2.9**	**1.8**	**3.8**	**2.49**	**0.78**	**0.98[J]**	**1.10**	**2.00**	<0.47	<0.47	<0.50	<0.50	<0.30	<0.30	<0.30	<0.45	<0.45	<0.50	<0.30	<0.30	<0.30	<0.45	<0.45
Toluene	800	160	<0.40	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67
Xylenes	2000	400	<0.60	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.5	<0.60	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.5	<0.60	<0.60	<0.60	<1.63	<2.63	<1.5	<0.60	<0.60	<0.60	<1.63	<2.63
Natural Attenuation Parameters (mg/l, except as noted)																															
Alkalinity, Total as $CaCO_3$	--	--	58.3	--	--	--	--	--	--	--	--	45.8	--	--	--	--	--	--	--	--	118.0	--	--	--	--	--	93.0	--	--	--	--
Chloride	250	125	**279**	--	--	--	--	--	--	--	--	**1,040**	--	--	--	--	--	--	--	--	**643**	--	--	--	--	--	**819**	--	--	--	--
Ethane (µg/l)	--	--	<1.70	--	--	--	--	--	--	--	--	<1.70	--	--	--	--	--	--	--	--	<1.70	--	--	--	--	--	<1.70	--	--	--	--
Ethene (µg/l)	--	--	<1.50	--	--	--	--	--	--	--	--	<1.50	--	--	--	--	--	--	--	--	<1.50	--	--	--	--	--	<1.50	--	--	--	--
Methane (µg/l)	--	--	<1.80	--	--	--	--	--	--	--	--	<1.80	--	--	--	--	--	--	--	--	<1.80	--	--	--	--	--	<1.80	--	--	--	--
Iron, Dissolved	0.30	0.15	0.013[J]	--	--	--	--	--	--	--	--	<0.010	--	--	--	--	--	--	--	--	0.016[J]	--	--	--	--	--	0.023[J]	--	--	--	--
Manganese, Dissolved	0.05	0.03	**0.0436[J]**	--	--	--	--	--	--	--	--	**0.05**	--	--	--	--	--	--	--	--	0.0174[J]	--	--	--	--	--	**0.05**	--	--	--	--
Nitrate as Nitrogen	10	2	**7.50**	--	--	--	--	--	--	--	--	**9.68**	--	--	--	--	--	--	--	--	**8.92**	--	--	--	--	--	**14.4**	--	--	--	--
Sulfate	250	125	23.8	--	--	--	--	--	--	--	--	37.5[S1H, S2H]	--	--	--	--	--	--	--	--	27.2	--	--	--	--	--	47.0	--	--	--	--
Sulfide, Total	--	--	<1.00	--	--	--	--	--	--	--	--	<1.00	--	--	--	--	--	--	--	--	<1.00	--	--	--	--	--	<1.00	--	--	--	--
Total Organic Carbon	--	--	1.29	--	--	--	--	--	--	--	--	1.41	--	--	--	--	--	--	--	--	2.57	--	--	--	--	--	2.39	--	--	--	--
Field Measurements																															
Dissolved Oxygen (mg/l)	--	--	5.88	5.87	6.24	6.67	6.96	6.90	6.97	5.64		3.43	6.20	5.00	5.24	5.96	7.41	7.23	8.23		7.11	5.76	3.43	2.91	NA		5.35	4.20	3.99	4.19	3.73
Temperature (°C)	--	--	10.58	13.36	10.65	14.14	14.43	14.78	11.94	9.93		11.51	12.00	10.37	13.16	13.44	14.30	11.16	10.30		11.37	14.21	12.18	14.90	NA		11.65	13.95	12.21	14.15	15.01
pH	--	--	6.14	7.44	6.01	6.53	6.20	4.56	6.47	6.28		5.77	8.22	6.65	6.66	6.58	5.47	6.46	6.53		7.01	8.47	6.66	6.59	NA		6.39	7.10	6.21	6.55	6.32
Specific Conductance (µmhos/cm)	--	--	2,184	224	939	1,015	812	1,648	1,573	2,309		6,835	333	1,321	2,816	1,867	1,320	2,381	1,890		4,587	728	2,858	4,979	NA		4,779	648	2,733	2,562	2,891
ORP (mv)	--	--	46.4	55.1	290.7	306.4	86.6	56.7	178.2	103.3		77.0	53.5	208.0	352.4	72.5	32.7	174.9	100.1		44.4	42.4	200.1	250.7	NA		30.8	57.1	246.9	262.5	89.7

Notes:

1. ES - Enforcement Standard listed in Chapter NR 140 Tables 1 and 2, Wisconsin Administrative Code, January 2012.
2. PAL - Preventive Action Limit listed in Chapter NR 140, Tables 1 and 2, Wisconsin Administrative Code, January 2012.
3. Only VOC analytes detected at or above the laboratory detection limit are listed in this table.
4. NA - Not Analyzed
5. NE - Not Established
6. **Bold** indicates PAL exceedence.
7. **Bold and outline** indicates ES exceedence.
8. [J] - The estimated concentration was below laboratory quantitation level.
9. [S1H] - First sample matrix spike recovery was high.
10. [S2H] - Second sample matrix spike recovery was high.

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Table 2
Groundwater Analytical Results - Monitoring Wells and Piezometers
Former Normington Dry Cleaners Site
3409 Church Street
Stevens Point, Wisconsin
WDNR BRRTS No. 02-50-525911

Sample ID.:			MW-8						MW-9								MW-10								MW-11							
Sample Date:			6/3/11	11/28/11	3/7/12	8/8/12	11/8/12	7/23/14	11/28/11	3/7/12	8/8/12	11/9/12	9/4/13	1/13/14	4/23/14	7/23/14	11/29/11	3/8/12	8/7/12	11/9/12	9/4/13	1/13/14	4/23/14	7/23/14	11/29/11	3/8/12	8/7/12	11/8/12	9/4/13	1/13/14	4/23/14	7/24/14
Analyte	ES	PAL	Results																													
VOCs (µg/l)																																
1,2,3-Trichlorobenzene	NE	NE	<0.50	<0.50	<0.50	<0.74	<0.74	<2.1	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1
4-Isopropyltoluene	NE	NE	<0.40	<0.40	<0.40	<0.67	<0.67	<0.50	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<0.13	<0.50	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<0.13	<0.50	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<0.13	<0.50
Benzene	5	0.5	<0.20	<0.20	<0.20	<0.41	<0.41	<0.50	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	0.6	0.06	--	--	<0.40	<0.56	<0.56	**2.4**	--	<0.40	<0.56	<0.56	<0.45	<0.45	**2.7**	<0.50	--	<0.40	<0.56	<0.56	<0.45	<0.45	<0.50	**2.4**	--	<0.40	<0.56	<0.56	<0.45	**0.75**^{J}	<0.50	<0.50
Bromoform	4.4	0.44	<0.20	<0.20	<0.20	<0.94	<0.94	<0.50	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50
Bromomethane	10	1	<1.00	<1.00	<1.00	<0.91	<0.91	<2.4	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4
Chloromethane	30	3	<0.40	<0.40	<0.40	**3.0**	<0.24	0.73^{J}	<0.40	<0.40	1.4	1.4	<0.39	<0.39	<0.50	0.92^{J}	<0.40	<0.40	0.41^{J}	0.41^{J}	<0.39	<0.39	<0.50	<0.50	<0.40	<0.40	0.73^{J}	<0.24	<0.39	<0.39	<0.50	<0.50
Chloroform	6	0.6	<0.20	<0.20	<0.20	<1.3	<1.3	**6.4**	<0.20	<0.20	<1.3	<1.3	<0.69	<0.69	**10.3**	<2.5	**3.7**^{J}	<0.20	<1.3	**3.7**^{J}	<0.69	<0.69	<2.5	<2.5	<0.20	**1.85**	<1.3	<1.3	<0.69	**2.3**^{J}	<2.5	<2.5
Dichlorodifluoromethane	1000	200	<0.30	<0.30	<0.30	<0.99	<0.99	<0.20	<0.30	<0.30	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20	<0.30	<0.30	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20	<0.30	<0.30	<0.99	<0.99	<0.40	<0.40	<0.16	<0.20
Tetrachloroethene (PCE)	5	0.5	<0.30	<0.30	<0.30	<0.45	<0.45	<0.50	<0.30	<0.30	<0.45	**0.53**^{J}	**1.10**	<0.47	<0.50	<0.50	**2.33**	**0.56**^{J}	<0.45	**0.61**^{J}	**0.71**^{J}	**2.6**	**5.0**	**11.0**	**3.30**	**1.53**	<0.45	**1.60**	**0.86**^{J}	**13.5**	**9.0**	**1.20**
Toluene	800	160	<0.40	<0.40	<0.40	<0.67	<0.67	<0.50	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50
Xylenes	2000	400	<0.60	<0.60	<0.60	<1.63	<2.63	<1.50	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.50	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.5	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.5
Natural Attenuation Parameters (mg/l, except as noted)																																
Alkalinity, Total as $CaCO_3$	--	--	40.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	250	125	**356**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethane (µg/l)	--	--	<1.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethene (µg/l)	--	--	<1.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methane (µg/l)	--	--	<1.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron, Dissolved	0.30	0.15	0.014^{J}	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved	0.05	0.03	**0.0449**^{J}	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrate as Nitrogen	10	2	**2.84**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	250	125	20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfide, Total	--	--	<1.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	2.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Measurements																																
Dissolved Oxygen (mg/l)	--	--	7.00	6.29	7.19	5.70	5.67		7.93	11.31	9.38	6.78	6.29	7.05	7.20		7.03	8.18	10.23	8.24	7.23	8.52	7.77		4.43	NA	6.99	5.39	4.81	5.78	6.09	
Temperature (˚C)	--	--	9.92	12.65	10.51	12.84	13.76		12.03	10.23	12.76	13.12	13.20	10.10	9.26		13.41	10.88	14.97	15.07	14.65	12.24	10.10		13.11	NA	13.58	13.82	13.89	11.87	9.95	
pH	--	--	6.55	9.03	6.42	6.77	6.29		7.49	5.94	6.22	6.14	4.57	6.14	6.30		7.96	6.30	6.54	6.31	4.77	6.25	6.31		6.63	NA	6.18	6.01	3.97	5.86	6.27	
Specific Conductance (µmhos/cm)	--	--	2,429	153	440	821	637		78	268	470	860	736	905	1,031		105	333	914	658	1,702	1,454	1,061		187	NA	731	875	985	1,927	2,888	
ORP (mv)	--	--	28.5	39.6	277.0	260.4	88.2		65.4	253.7	260.8	86.7	53.0	197.3	84.3		52.7	243.8	334.9	81.0	51.2	190.9	110.3		46.2	NA	396.1	110.9	68.7	211.9	114.4	

Notes:

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3. Only VOC analytes detected at or above the laboratory detection limit are listed in this table.
4. NA - Not Analyzed
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6. **Bold** indicates PAL exceedence.
7. **Bold and outline** indicates ES exceedence.
8. ^{J} - The estimated concentration was below laboratory quantitation level.
9. ^{S1H} - First sample matrix spike recovery was high.
10. ^{S2H} - Second sample matrix spike recovery was high.

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Table 2
Groundwater Analytical Results - Monitoring Wells and Piezometers
Former Normington Dry Cleaners Site
3409 Church Street
Stevens Point, Wisconsin
WDNR BRRTS No. 02-50-525911

Sample ID.:			MW-12			MW-13			PZ-1									PZ-2				
Sample Date:			8/7/12	11/9/12	7/23/14	8/8/12	11/9/12	7/23/14	6/2/11	11/28/11	3/7/12	8/7/12	11/8/12	9/4/13	1/13/14	4/23/14	7/23/14	6/3/11	11/28/11	3/7/12	8/8/12	11/8/12
Analyte	**ES**	**PAL**	**Results**																			
VOCs (µg/l)																						
1,2,3-Trichlorobenzene	NE	NE	<0.74	<0.74	<2.1	<0.74	<0.74	<2.1	<0.50	<0.50	<0.50	<0.74	<0.74	<0.77	<0.77	<2.1	<2.1	<0.50	<0.50	<0.50	<0.74	<0.74
4-Isopropyltoluene	NE	NE	<0.67	<0.67	<0.50	<0.67	<0.67	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.40	<0.40	<1.3	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67
Benzene	5	0.5	<0.41	<0.41	<0.50	<0.41	<0.41	<0.50	<0.20	<0.20	<0.20	<0.41	<0.41	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.20	<0.41	<0.41
Bromodichloromethane	0.6	0.06	**0.87**^{J}	**2.1**	<0.50	<0.56	<0.56	<0.50	--	--	<0.40	<0.56	<0.56	<0.45	**2.7**	**2.5**	**0.70**^{J}	--	--	<0.40	<0.56	<0.56
Bromoform	4.4	0.44	<0.94	<0.94	<0.50	<0.94	<0.94	<0.50	<0.20	<0.20	<0.20	<0.94	<0.94	<0.33	<0.33	<0.50	<0.50	0.42^{J}	<0.20	<0.20	<0.94	<0.94
Bromomethane	10	1	<0.91	<0.91	<2.4	<0.91	<0.91	<2.4	<1.00	<1.00	<1.00	<0.91	<0.91	<0.43	<0.43	<2.4	<2.4	<1.00	<1.00	<1.00	<0.91	<0.91
Chloromethane	30	3	0.27^{J}	0.27^{J}	<0.50	0.44^{J}	<0.24	<0.50	<0.40	<0.40	<0.40	<0.24	<0.24	<0.39	<0.39	<0.50	<0.50	<0.40	<0.40	0.69^{J}	1.2	<0.24
Chloroform	6	0.6	**5.60**	**12.9**	<2.5	<1.3	<1.3	<2.5	<0.20	<0.20	<0.20	<1.3	<1.3	<0.69	**6.8**	**8.0**	<2.5	0.24^{J}	0.39^{J}	0.33^{J}	<1.3	<1.3
Dichlorodifluoromethane	1000	200	<0.99	<0.99	<0.20	<0.99	<0.99	<0.20	<0.30	<0.30	<0.30	<0.99	<0.99	<0.40	<0.40	<0.16	<.20	<0.30	<0.30	<0.30	<0.99	<0.99
Tetrachloroethene (PCE)	5	0.5	<0.45	<0.45	<0.50	<0.45	<0.45	<0.50	**1.29**	0.43	<0.30	**1.50**	**1.4**	**0.87**^{J}	<0.47	<0.50	<0.50	<0.30	<0.30	<0.30	<0.45	<0.45
Toluene	800	160	<0.67	<0.67	<0.50	<0.67	<0.67	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67	<0.44	<0.44	<0.50	<0.50	<0.40	<0.40	<0.40	<0.67	<0.67
Xylenes	2000	400	<1.63	<2.63	<1.5	<1.63	<2.63	<1.50	<0.60	<0.60	<0.60	<1.63	<2.63	<1.32	<1.32	<1.50	<1.50	<0.60	<0.60	<0.60	<1.63	<2.63
Natural Attenuation Parameters (mg/l, except as noted)																						
Alkalinity, Total as $CaCO_3$	--	--	--	--	--	--	--	--	103	--	--	--	--	--	--	--	--	52.5	--	--	--	--
Chloride	250	125	--	--	--	--	--	--	**751**	--	--	--	--	--	--	--	--	**1,010**	--	--	--	--
Ethane (µg/l)	--	--	--	--	--	--	--	--	<1.70	--	--	--	--	--	--	--	--	<1.70	--	--	--	--
Ethene (µg/l)	--	--	--	--	--	--	--	--	<1.50	--	--	--	--	--	--	--	--	<1.50	--	--	--	--
Methane (µg/l)	--	--	--	--	--	--	--	--	<1.80	--	--	--	--	--	--	--	--	<1.80	--	--	--	--
Iron, Dissolved	0.30	0.15	--	--	--	--	--	--	0.014^{J}	--	--	--	--	--	--	--	--	0.014^{J}	--	--	--	--
Manganese, Dissolved	0.05	0.03	--	--	--	--	--	--	**0.06**	--	--	--	--	--	--	--	--	**0.21**	--	--	--	--
Nitrate as Nitrogen	10	2	--	--	--	--	--	--	**2.74**	--	--	--	--	--	--	--	--	**10.70**	--	--	--	--
Sulfate	250	125	--	--	--	--	--	--	23.1	--	--	--	--	--	--	--	--	49.4	--	--	--	--
Sulfide, Total	--	--	--	--	--	--	--	--	<1.00	--	--	--	--	--	--	--	--	<1.00	--	--	--	--
Total Organic Carbon	--	--	--	--	--	--	--	--	4.17	--	--	--	--	--	--	--	--	1.38	--	--	--	--
Field Measurements																						
Dissolved Oxygen (mg/l)	--	--	6.45	7.02		5.31	4.29		7.09	3.62	3.31	3.50	3.18	3.23	7.59	6.63		3.39	3.10	3.79	2.57	2.52
Temperature (˚C)	--	--	14.81	14.36		14.67	15.03		9.81	10.95	11.22	13.04	12.23	12.52	11.59	11.87		13.04	12.84	12.75	13.74	13.47
pH	--	--	6.63	6.40		6.68	6.48		6.67	6.80	5.84	6.10	5.95	4.47	6.20	6.29		5.94	6.41	5.98	5.99	5.99
Specific Conductance (µmhos/cm)	--	--	652	525		855	901		4,700	445	1,955	2,302	2,219	3,896	1,435	1,722		6,785	603	2,610	2,436	2,436
ORP (mv)	--	--	364.3	77.4		210.7	70.2		44.9	65.8	241.2	320.4	103.6	53.3	187.9	98.0		28.3	61.8	250.3	265.1	265.1

Notes:

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3. Only VOC analytes detected at or above the laboratory detection limit are listed in this table.
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9. ^{S1H} - First sample matrix spike recovery was high.
10. ^{S2H} - Second sample matrix spike recovery was high.

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AECOM

September 2013
Sampling Event Documents

AECOM

Well Purging and Sample Collection

Well No. MW-2

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND N @ 5, 60°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 19.57 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 16:20 Stop Time 16:45 Volume 25 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ~~Yes~~ 20 Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 24.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 16:50 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? X Yes __ No Time 16:55

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
16:25	4.85	14.30	5.56	1536	35.2	V. SLIGHT	BROWN	NONE
16:30	5.06	14.02	5.40	1307	41.8	NONE	CLEAR	NONE
16:35	5.39	13.92	5.38	1160	39.1	NONE	CLEAR	NONE
16:40	5.45	13.87	5.37	1134	38.3	NONE	CLEAR	NONE
16:45	5.57	13.90	5.39	1093	37.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 9/4/13

AECOM

Well Purging and Sample Collection

Well No. MW-3

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND NW @ 5, 40°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 18.06 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 15:20 Stop Time 15:45 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 24.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 15:50 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
15:25	2.64	14.75	5.09	1655	48.3	NONE	CLEAR	NONE
15:30	4.07	14.16	4.89	1187	51.6	NONE	CLEAR	NONE
15:35	4.77	14.07	4.83	1067	50.9	NONE	CLEAR	NONE
15:40	5.14	13.82	4.86	1035	49.1	NONE	CLEAR	NONE
15:45	5.30	13.91	4.86	1013	48.7	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 9/4/13

AECOM

Well Purging and Sample Collection

Well No. AMW-4

Site Name FORMER NORRINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND N @ 5, 80°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 18.32 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:00 Stop Time 13:20 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 13:25 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
13:05	6.91	14.83	5.47	1696	36.5	NONE	CLEAR	NONE
13:10	6.91	14.06	5.05	1665	46.3	NONE	CLEAR	NONE
13:15	6.94	14.48	4.71	1645	52.4	NONE	CLEAR	NONE
13:20	6.90	14.78	4.56	1648	56.7	NONE	CLEAR	NONE

Comments: ____

Form Completed By [signature] Title HYDROGEOLOGIST Date 9/4/13

AECOM

Well Purging and Sample Collection

Well No. MW-5

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND N @ 5, 80

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 18.51 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 12:07 Stop Time 12:30 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 24.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 12:33 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
12:15	7.65	13.11	5.25	1370	39.7	NONE	CLEAR	NONE
12:20	7.57	13.86	5.34	1338	36.5	NONE	CLEAR	NONE
12:25	7.45	14.17	5.42	1320	33.4	NONE	CLEAR	NONE
12:30	7.41	14.30	5.47	1320	32.7			

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 9/4/13

AECOM

Well Purging and Sample Collection

Well No. PZ-1

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND 14@5 80°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 18.39 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 11:33 Stop Time 11:55 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 34.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 11:59 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
11:40	3.20	12.76	4.97	3996	43.1	V. SLIGHT	BROWN	NONE
11:45	3.16	12.55	4.64	3948	51.0	NONE	CLEAR	NONE
11:50	3.20	12.35	4.53	3914	51.9	NONE	CLEAR	NONE
11:55	3.23	12.52	4.47	3896	53.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 9/4/13

AECOM

Well Purging and Sample Collection

Well No. MW-9

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR. WIND N@5, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.90 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 10:50 Stop Time 11:16 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 20.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 11:13 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:55	6.18	13.54	4.87	944	46.2	NONE	CLEAR	NONE
11:00	6.44	13.17	4.66	812	52.6	NONE	CLEAR	NONE
11:05	6.23	13.19	4.52	759	54.1	NONE	CLEAR	NONE
11:10	6.29	13.20	4.57	736	53.0	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 9/4/13

AECOM

Well Purging and Sample Collection

Well No. MW-10

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND N @ 5, 80°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 18.35 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:41 Stop Time 14:05 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 14:10 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
13:50	7.08	14.87	4.98	1647	48.7	NONE	CLEAR	NONE
13:55	7.43	14.70	4.81	1674	53.0	NONE	CLEAR	NONE
14:00	7.30	14.44	4.73	1696	52.8	NONE	CLEAR	NONE
14:05	7.23	14.65	4.77	1702	51.2	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 9/4/13

AECOM

Well Purging and Sample Collection

Well No. MW-11

Site Name FORMER NORRINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND N @ 5, 80°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

_____ - 17.80 = _____ feet x .70 = _____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 14:27 Stop Time 14:50 Volume 2.0 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ___ Yes X No Comments? _____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 14:55 Sample Field Filtered? __ Yes X No Time Filtered _____

Field Blank Collected? __ Yes X No Time _____ Duplicate Sample Collected? __ Yes X No Time _____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
14:35	5.29	14.23	4.53	1016	59.2	NONE	CLEAR	NONE
14:40	5.05	14.17	4.13	997	65.6	NONE	CLEAR	NONE
14:45	4.86	14.09	4.03	987	67.3	NONE	CLEAR	NONE
14:50	4.81	13.89	3.97	985	68.7	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 9/4/13

COPY

RIB MOUNTAIN
METROPOLITAN SEWERAGE DISTRICT
2001 ASTER ROAD
WAUSAU, WI 54401
715-359-7852 • FAX 715-359-3446
rmmsd@frontier.com
Doing our part for the Wisconsin River.

MANAGER-SUPERINTENDENT:
KEN T. JOHNSON

Vendor #60135040
PO# N/A
Normington

October 9, 2013

FORMER NORMINGTON DRY CLEANERS -
WASTE WATER DISPOSAL
FOR SEPT. 2013 GW MONIT & EVENT
9/5/2013

AECOM TECHNICAL SERVICES, INC.
200 INDIANA AVENUE
STEVENS POINT, WI 54481

MONITORING WELL	September Use	15 GALLONS =	$25.00
AMOUNT DUE			$25.00

Past due accounts are subject to a late payment charge of 1.5% per month.

Project Number 60135040
Task Number 02.04
Expenditure Type MISC.
PO Number
Approval Signature
Approver's Employee # 657363
Amount $25.00
Date Invoice Received 10/15/2013
Capital Expenditure Item Yes ____ No X

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

September 10, 2013

KYLE WAGONER
AECOM, Inc. - STEVENS POINT
200 INDIANA AVE
Stevens Point, WI 54481

RE: Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Dear KYLE WAGONER:
Enclosed are the analytical results for sample(s) received by the laboratory on September 06, 2013. 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,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
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: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4084212001	**TRIP BLANK**	Water	09/04/13 09:15	09/06/13 09:00
4084212002	**MW-9**	Water	09/04/13 11:13	09/06/13 09:00
4084212003	**PZ-1**	Water	09/04/13 11:59	09/06/13 09:00
4084212004	**MW-5**	Water	09/04/13 12:33	09/06/13 09:00
4084212005	**MW-4**	Water	09/04/13 13:25	09/06/13 09:00
4084212006	**MW-10**	Water	09/04/13 14:10	09/06/13 09:00
4084212007	**MW-11**	Water	09/04/13 14:55	09/06/13 09:00
4084212008	**MW-3**	Water	09/04/13 15:50	09/06/13 09:00
4084212009	**MW-2**	Water	09/04/13 16:50	09/06/13 09:00
4084212010	**DUP**	Water	09/04/13 16:55	09/06/13 09:00

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4084212001	**TRIP BLANK**	EPA 8260	HNW	64	PASI-G
4084212002	**MW-9**	EPA 8260	HNW	64	PASI-G
4084212003	**PZ-1**	EPA 8260	HNW	64	PASI-G
4084212004	**MW-5**	EPA 8260	HNW	64	PASI-G
4084212005	**MW-4**	EPA 8260	HNW	64	PASI-G
4084212006	**MW-10**	EPA 8260	HNW	64	PASI-G
4084212007	**MW-11**	EPA 8260	HNW	64	PASI-G
4084212008	**MW-3**	EPA 8260	HNW	64	PASI-G
4084212009	**MW-2**	EPA 8260	HNW	64	PASI-G
4084212010	**DUP**	EPA 8260	HNW	64	PASI-G

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

PROJECT NARRATIVE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Method: **EPA 8260**
Description: 8260 MSV
Client: AECOM, Inc. - STEVENS POINT
Date: September 10, 2013

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

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

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

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

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

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

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

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

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

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: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: TRIP BLANK **Lab ID: 4084212001** Collected: 09/04/13 09:15 Received: 09/06/13 09:00 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		09/09/13 20:08	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 20:08	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 20:08	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 20:08	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 20:08	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 20:08	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 20:08	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 20:08	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 20:08	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 20:08	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 20:08	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 20:08	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 20:08	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 20:08	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 20:08	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 20:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 20:08	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 20:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 20:08	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 20:08	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 20:08	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 20:08	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 20:08	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 20:08	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 20:08	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 20:08	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 20:08	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 20:08	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 20:08	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 20:08	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 20:08	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 20:08	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 20:08	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 20:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 20:08	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 20:08	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 20:08	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 20:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 20:08	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 20:08	99-87-6	
Methylene Chloride	**0.88J**	ug/L	1.0	0.36	1		09/09/13 20:08	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 20:08	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 20:08	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 20:08	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 20:08	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: TRIP BLANK **Lab ID: 4084212001** Collected: 09/04/13 09:15 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 20:08	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		09/09/13 20:08	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 20:08	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 20:08	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 20:08	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 20:08	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 20:08	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 20:08	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 20:08	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 20:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 20:08	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 20:08	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 20:08	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 20:08	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 20:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		09/09/13 20:08	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		09/09/13 20:08	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		09/09/13 20:08	2037-26-5	

Sample: MW-9 **Lab ID: 4084212002** Collected: 09/04/13 11:13 Received: 09/06/13 09:00 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		09/09/13 14:50	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 14:50	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 14:50	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 14:50	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 14:50	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 14:50	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 14:50	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 14:50	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 14:50	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 14:50	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 14:50	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 14:50	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 14:50	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 14:50	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 14:50	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 14:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 14:50	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 14:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 14:50	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-9 **Lab ID: 4084212002** Collected: 09/04/13 11:13 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 14:50	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 14:50	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 14:50	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 14:50	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 14:50	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 14:50	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 14:50	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 14:50	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 14:50	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 14:50	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 14:50	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 14:50	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 14:50	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 14:50	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 14:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 14:50	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 14:50	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 14:50	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 14:50	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 14:50	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 14:50	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 14:50	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 14:50	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 14:50	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 14:50	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 14:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 14:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 14:50	79-34-5	
Tetrachloroethene	**1.1**	ug/L	1.0	0.47	1		09/09/13 14:50	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 14:50	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 14:50	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 14:50	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 14:50	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 14:50	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 14:50	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 14:50	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 14:50	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 14:50	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 14:50	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 14:50	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 14:50	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 14:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		09/09/13 14:50	460-00-4	
Dibromofluoromethane (S)	92	%	70-130		1		09/09/13 14:50	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		09/09/13 14:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: PZ-1 **Lab ID: 4084212003** Collected: 09/04/13 11:59 Received: 09/06/13 09:00 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		09/09/13 15:13	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:13	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 15:13	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:13	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 15:13	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 15:13	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:13	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 15:13	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 15:13	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 15:13	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:13	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:13	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 15:13	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 15:13	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:13	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 15:13	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 15:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 15:13	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:13	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:13	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:13	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 15:13	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:13	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 15:13	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:13	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 15:13	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 15:13	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 15:13	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:13	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 15:13	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:13	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 15:13	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 15:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 15:13	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:13	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:13	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 15:13	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 15:13	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:13	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:13	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 15:13	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:13	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:13	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 15:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:13	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: PZ-1 **Lab ID: 4084212003** Collected: 09/04/13 11:59 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 15:13	79-34-5	
Tetrachloroethene	**0.87J**	ug/L	1.0	0.47	1		09/09/13 15:13	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:13	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 15:13	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:13	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:13	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 15:13	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:13	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:13	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 15:13	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 15:13	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:13	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 15:13	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 15:13	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		09/09/13 15:13	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		09/09/13 15:13	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		09/09/13 15:13	2037-26-5	

Sample: MW-5 **Lab ID: 4084212004** Collected: 09/04/13 12:33 Received: 09/06/13 09:00 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		09/09/13 15:36	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:36	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 15:36	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:36	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 15:36	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 15:36	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:36	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 15:36	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 15:36	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 15:36	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:36	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:36	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 15:36	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 15:36	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:36	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 15:36	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 15:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 15:36	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-5 **Lab ID: 4084212004** Collected: 09/04/13 12:33 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:36	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:36	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:36	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 15:36	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:36	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 15:36	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:36	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 15:36	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 15:36	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 15:36	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:36	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 15:36	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:36	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 15:36	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 15:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 15:36	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:36	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:36	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 15:36	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 15:36	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:36	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:36	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 15:36	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:36	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:36	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 15:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 15:36	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		09/09/13 15:36	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:36	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 15:36	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:36	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:36	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 15:36	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:36	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:36	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 15:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 15:36	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:36	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 15:36	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 15:36	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	43-137		1		09/09/13 15:36	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		09/09/13 15:36	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		09/09/13 15:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-4 **Lab ID: 4084212005** Collected: 09/04/13 13:25 Received: 09/06/13 09:00 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		09/09/13 15:58	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:58	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 15:58	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:58	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 15:58	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 15:58	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:58	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 15:58	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 15:58	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 15:58	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:58	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:58	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 15:58	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 15:58	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:58	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 15:58	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 15:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 15:58	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:58	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:58	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:58	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 15:58	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:58	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 15:58	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:58	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 15:58	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 15:58	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 15:58	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:58	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 15:58	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:58	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 15:58	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 15:58	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 15:58	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:58	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 15:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 15:58	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 15:58	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:58	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 15:58	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:58	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:58	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 15:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 15:58	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-4 **Lab ID: 4084212005** Collected: 09/04/13 13:25 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 15:58	79-34-5	
Tetrachloroethene	**3.2**	ug/L	1.0	0.47	1		09/09/13 15:58	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:58	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 15:58	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:58	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 15:58	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 15:58	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 15:58	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 15:58	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 15:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 15:58	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 15:58	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 15:58	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 15:58	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 15:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		09/09/13 15:58	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		09/09/13 15:58	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		09/09/13 15:58	2037-26-5	

Sample: MW-10 **Lab ID: 4084212006** Collected: 09/04/13 14:10 Received: 09/06/13 09:00 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		09/09/13 16:21	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:21	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 16:21	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 16:21	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 16:21	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 16:21	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 16:21	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 16:21	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 16:21	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 16:21	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 16:21	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:21	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 16:21	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 16:21	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:21	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 16:21	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 16:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 16:21	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-10 **Lab ID: 4084212006** Collected: 09/04/13 14:10 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:21	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:21	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 16:21	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 16:21	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 16:21	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 16:21	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:21	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 16:21	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 16:21	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 16:21	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:21	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 16:21	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:21	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 16:21	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 16:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 16:21	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:21	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 16:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 16:21	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 16:21	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 16:21	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 16:21	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 16:21	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:21	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 16:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 16:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 16:21	79-34-5	
Tetrachloroethene	**0.71J**	ug/L	1.0	0.47	1		09/09/13 16:21	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:21	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 16:21	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 16:21	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:21	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 16:21	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 16:21	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:21	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 16:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 16:21	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 16:21	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 16:21	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 16:21	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		09/09/13 16:21	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		09/09/13 16:21	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		09/09/13 16:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-11 **Lab ID: 4084212007** Collected: 09/04/13 14:55 Received: 09/06/13 09:00 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		09/09/13 16:44	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:44	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 16:44	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 16:44	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 16:44	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 16:44	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 16:44	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 16:44	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 16:44	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 16:44	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 16:44	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:44	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 16:44	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 16:44	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:44	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 16:44	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 16:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 16:44	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:44	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:44	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 16:44	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 16:44	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 16:44	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 16:44	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:44	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 16:44	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 16:44	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 16:44	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:44	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 16:44	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:44	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 16:44	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 16:44	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 16:44	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:44	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:44	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 16:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 16:44	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 16:44	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 16:44	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 16:44	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 16:44	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:44	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 16:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 16:44	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-11 **Lab ID: 4084212007** Collected: 09/04/13 14:55 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 16:44	79-34-5	
Tetrachloroethene	**0.86J**	ug/L	1.0	0.47	1		09/09/13 16:44	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:44	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 16:44	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 16:44	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 16:44	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 16:44	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 16:44	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 16:44	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 16:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 16:44	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 16:44	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 16:44	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 16:44	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 16:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		09/09/13 16:44	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		09/09/13 16:44	1868-53-7	
Toluene-d8 (S)	97	%	55-137		1		09/09/13 16:44	2037-26-5	

Sample: MW-3 **Lab ID: 4084212008** Collected: 09/04/13 15:50 Received: 09/06/13 09:00 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		09/09/13 17:07	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:07	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 17:07	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 17:07	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 17:07	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 17:07	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:07	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 17:07	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 17:07	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 17:07	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:07	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:07	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		09/09/13 17:07	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 17:07	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:07	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 17:07	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 17:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 17:07	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-3 **Lab ID: 4084212008** Collected: 09/04/13 15:50 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:07	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:07	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 17:07	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 17:07	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:07	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 17:07	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:07	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 17:07	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 17:07	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 17:07	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:07	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 17:07	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:07	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 17:07	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 17:07	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 17:07	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:07	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:07	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 17:07	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 17:07	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:07	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:07	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 17:07	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:07	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:07	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 17:07	79-34-5	
Tetrachloroethene	**3.7**	ug/L	1.0	0.47	1		09/09/13 17:07	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:07	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 17:07	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:07	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:07	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 17:07	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:07	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:07	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 17:07	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 17:07	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:07	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 17:07	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 17:07	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	43-137		1		09/09/13 17:07	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		09/09/13 17:07	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		09/09/13 17:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-2 **Lab ID: 4084212009** Collected: 09/04/13 16:50 Received: 09/06/13 09:00 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		09/09/13 17:30	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:30	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 17:30	74-97-5	
Bromodichloromethane	**4.8**	ug/L	1.0	0.45	1		09/09/13 17:30	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 17:30	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 17:30	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:30	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 17:30	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 17:30	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 17:30	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:30	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:30	75-00-3	
Chloroform	**3.7J**	ug/L	5.0	0.69	1		09/09/13 17:30	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 17:30	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:30	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 17:30	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 17:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 17:30	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:30	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:30	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 17:30	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 17:30	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:30	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 17:30	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:30	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 17:30	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 17:30	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 17:30	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:30	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 17:30	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:30	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 17:30	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 17:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 17:30	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:30	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:30	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 17:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 17:30	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:30	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:30	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 17:30	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:30	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:30	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 17:30	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: MW-2 **Lab ID: 4084212009** Collected: 09/04/13 16:50 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 17:30	79-34-5	
Tetrachloroethene	**13.0**	ug/L	1.0	0.47	1		09/09/13 17:30	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:30	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 17:30	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:30	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:30	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 17:30	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:30	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:30	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 17:30	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 17:30	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:30	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 17:30	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 17:30	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		09/09/13 17:30	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		09/09/13 17:30	1868-53-7	
Toluene-d8 (S)	98	%	55-137		1		09/09/13 17:30	2037-26-5	

Sample: DUP **Lab ID: 4084212010** Collected: 09/04/13 16:55 Received: 09/06/13 09:00 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		09/09/13 17:52	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:52	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		09/09/13 17:52	74-97-5	
Bromodichloromethane	**4.8**	ug/L	1.0	0.45	1		09/09/13 17:52	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		09/09/13 17:52	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		09/09/13 17:52	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:52	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		09/09/13 17:52	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 17:52	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		09/09/13 17:52	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:52	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:52	75-00-3	
Chloroform	**3.5J**	ug/L	5.0	0.69	1		09/09/13 17:52	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 17:52	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:52	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		09/09/13 17:52	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		09/09/13 17:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		09/09/13 17:52	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Sample: DUP **Lab ID: 4084212010** Collected: 09/04/13 16:55 Received: 09/06/13 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:52	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:52	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		09/09/13 17:52	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 17:52	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:52	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		09/09/13 17:52	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:52	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		09/09/13 17:52	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		09/09/13 17:52	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		09/09/13 17:52	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:52	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		09/09/13 17:52	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:52	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		09/09/13 17:52	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		09/09/13 17:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		09/09/13 17:52	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:52	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		09/09/13 17:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		09/09/13 17:52	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		09/09/13 17:52	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:52	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		09/09/13 17:52	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:52	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:52	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		09/09/13 17:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		09/09/13 17:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		09/09/13 17:52	79-34-5	
Tetrachloroethene	**12.7**	ug/L	1.0	0.47	1		09/09/13 17:52	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:52	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		09/09/13 17:52	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:52	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		09/09/13 17:52	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		09/09/13 17:52	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		09/09/13 17:52	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		09/09/13 17:52	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		09/09/13 17:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		09/09/13 17:52	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		09/09/13 17:52	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		09/09/13 17:52	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		09/09/13 17:52	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		09/09/13 17:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		09/09/13 17:52	460-00-4	
Dibromofluoromethane (S)	94	%	70-130		1		09/09/13 17:52	1868-53-7	
Toluene-d8 (S)	99	%	55-137		1		09/09/13 17:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

QC Batch: MSV/21158 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4084212001, 4084212002, 4084212003, 4084212004, 4084212005, 4084212006, 4084212007, 4084212008, 4084212009, 4084212010

METHOD BLANK: 851207 Matrix: Water
Associated Lab Samples: 4084212001, 4084212002, 4084212003, 4084212004, 4084212005, 4084212006, 4084212007, 4084212008, 4084212009, 4084212010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	09/09/13 10:39	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	09/09/13 10:39	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	09/09/13 10:39	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	09/09/13 10:39	
1,1-Dichloroethane	ug/L	<0.28	1.0	09/09/13 10:39	
1,1-Dichloroethene	ug/L	<0.43	1.0	09/09/13 10:39	
1,1-Dichloropropene	ug/L	<0.51	1.0	09/09/13 10:39	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	09/09/13 10:39	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	09/09/13 10:39	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	09/09/13 10:39	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	09/09/13 10:39	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	09/09/13 10:39	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	09/09/13 10:39	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	09/09/13 10:39	
1,2-Dichloroethane	ug/L	<0.48	1.0	09/09/13 10:39	
1,2-Dichloropropane	ug/L	<0.50	1.0	09/09/13 10:39	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	09/09/13 10:39	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	09/09/13 10:39	
1,3-Dichloropropane	ug/L	<0.46	1.0	09/09/13 10:39	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	09/09/13 10:39	
2,2-Dichloropropane	ug/L	<0.50	1.0	09/09/13 10:39	
2-Chlorotoluene	ug/L	<0.48	1.0	09/09/13 10:39	
4-Chlorotoluene	ug/L	<0.48	1.0	09/09/13 10:39	
Benzene	ug/L	<0.50	1.0	09/09/13 10:39	
Bromobenzene	ug/L	<0.48	1.0	09/09/13 10:39	
Bromochloromethane	ug/L	<0.49	1.0	09/09/13 10:39	
Bromodichloromethane	ug/L	<0.45	1.0	09/09/13 10:39	
Bromoform	ug/L	<0.33	1.0	09/09/13 10:39	
Bromomethane	ug/L	<0.43	5.0	09/09/13 10:39	
Carbon tetrachloride	ug/L	<0.37	1.0	09/09/13 10:39	
Chlorobenzene	ug/L	<0.36	1.0	09/09/13 10:39	
Chloroethane	ug/L	<0.44	1.0	09/09/13 10:39	
Chloroform	ug/L	<0.69	5.0	09/09/13 10:39	
Chloromethane	ug/L	<0.39	1.0	09/09/13 10:39	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	09/09/13 10:39	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	09/09/13 10:39	
Dibromochloromethane	ug/L	<1.9	5.0	09/09/13 10:39	
Dibromomethane	ug/L	<0.48	1.0	09/09/13 10:39	
Dichlorodifluoromethane	ug/L	<0.40	1.0	09/09/13 10:39	
Diisopropyl ether	ug/L	<0.50	1.0	09/09/13 10:39	
Ethylbenzene	ug/L	<0.50	1.0	09/09/13 10:39	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

METHOD BLANK: 851207 Matrix: Water

Associated Lab Samples: 4084212001, 4084212002, 4084212003, 4084212004, 4084212005, 4084212006, 4084212007, 4084212008, 4084212009, 4084212010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	09/09/13 10:39	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	09/09/13 10:39	
m&p-Xylene	ug/L	<0.82	2.0	09/09/13 10:39	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	09/09/13 10:39	
Methylene Chloride	ug/L	<0.36	1.0	09/09/13 10:39	
n-Butylbenzene	ug/L	<0.40	1.0	09/09/13 10:39	
n-Propylbenzene	ug/L	<0.50	1.0	09/09/13 10:39	
Naphthalene	ug/L	<2.5	5.0	09/09/13 10:39	
o-Xylene	ug/L	<0.50	1.0	09/09/13 10:39	
p-Isopropyltoluene	ug/L	<0.40	1.0	09/09/13 10:39	
sec-Butylbenzene	ug/L	<0.60	5.0	09/09/13 10:39	
Styrene	ug/L	<0.35	1.0	09/09/13 10:39	
tert-Butylbenzene	ug/L	<0.42	1.0	09/09/13 10:39	
Tetrachloroethene	ug/L	<0.47	1.0	09/09/13 10:39	
Toluene	ug/L	<0.44	1.0	09/09/13 10:39	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	09/09/13 10:39	
trans-1,3-Dichloropropene	ug/L	<0.30	1.0	09/09/13 10:39	
Trichloroethene	ug/L	<0.36	1.0	09/09/13 10:39	
Trichlorofluoromethane	ug/L	<0.48	1.0	09/09/13 10:39	
Vinyl chloride	ug/L	<0.18	1.0	09/09/13 10:39	
4-Bromofluorobenzene (S)	%	97	43-137	09/09/13 10:39	
Dibromofluoromethane (S)	%	88	70-130	09/09/13 10:39	
Toluene-d8 (S)	%	97	55-137	09/09/13 10:39	

LABORATORY CONTROL SAMPLE & LCSD: 851208 851209

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.9	49.7	100	99	70-136	0	20	
1,1,2,2-Tetrachloroethane	ug/L	50	47.5	47.2	95	94	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	49.3	47.0	99	94	70-130	5	20	
1,1-Dichloroethane	ug/L	50	51.2	51.8	102	104	70-146	1	20	
1,1-Dichloroethene	ug/L	50	49.5	50.6	99	101	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	50	50.3	51.4	101	103	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	50	45.3	43.6	91	87	46-150	4	20	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	48.1	97	96	70-130	1	20	
1,2-Dichlorobenzene	ug/L	50	49.7	49.9	99	100	70-130	0	20	
1,2-Dichloroethane	ug/L	50	46.9	48.6	94	97	70-144	4	20	
1,2-Dichloropropane	ug/L	50	53.4	51.5	107	103	70-136	4	20	
1,3-Dichlorobenzene	ug/L	50	48.7	49.5	97	99	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	49.2	49.3	98	99	70-130	0	20	
Benzene	ug/L	50	49.4	50.1	99	100	70-137	2	20	
Bromodichloromethane	ug/L	50	47.9	48.0	96	96	70-133	0	20	
Bromoform	ug/L	50	45.9	45.1	92	90	59-130	2	20	
Bromomethane	ug/L	50	26.7	31.0	53	62	41-148	15	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

LABORATORY CONTROL SAMPLE & LCSD: 851208 851209

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	49.7	50.4	99	101	70-154	1	20	
Chlorobenzene	ug/L	50	52.2	51.8	104	104	70-130	1	20	
Chloroethane	ug/L	50	51.7	52.2	103	104	70-139	1	20	
Chloroform	ug/L	50	46.4	48.1	93	96	70-130	3	20	
Chloromethane	ug/L	50	37.3	37.9	75	76	45-154	2	20	
cis-1,2-Dichloroethene	ug/L	50	47.0	48.2	94	96	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	50	45.6	46.4	91	93	70-136	2	20	
Dibromochloromethane	ug/L	50	46.6	47.2	93	94	70-130	1	20	
Dichlorodifluoromethane	ug/L	50	25.8	26.8	52	54	20-157	3	20	
Ethylbenzene	ug/L	50	54.0	53.7	108	107	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	55.1	55.7	110	111	70-130	1	20	
m&p-Xylene	ug/L	100	108	109	108	109	70-130	0	20	
Methyl-tert-butyl ether	ug/L	50	45.1	45.3	90	91	59-141	1	20	
Methylene Chloride	ug/L	50	49.5	49.3	99	99	70-130	0	20	
o-Xylene	ug/L	50	54.7	54.4	109	109	70-130	1	20	
Styrene	ug/L	50	48.6	47.8	97	96	70-130	2	20	
Tetrachloroethene	ug/L	50	49.3	49.1	99	98	70-130	0	20	
Toluene	ug/L	50	51.8	52.2	104	104	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	51.1	51.0	102	102	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	50	44.8	44.8	90	90	55-135	0	20	
Trichloroethene	ug/L	50	53.0	53.5	106	107	70-130	1	20	
Trichlorofluoromethane	ug/L	50	51.2	52.2	102	104	50-150	2	20	
Vinyl chloride	ug/L	50	49.4	50.0	99	100	61-143	1	20	
4-Bromofluorobenzene (S)	%				105	102	43-137			
Dibromofluoromethane (S)	%				96	98	70-130			
Toluene-d8 (S)	%				99	99	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851217 851218

Parameter	Units	4084214003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.44	50	50	50.3	50.0	101	100	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	47.3	47.4	95	95	70-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	47.4	48.4	95	97	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.28	50	50	51.8	52.6	104	105	70-146	2	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	51.8	54.7	104	109	70-130	5	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	54.1	54.4	108	108	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	45.2	45.2	90	90	46-150	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	49.3	48.9	99	98	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	53.2	50.4	106	101	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	48.5	48.8	97	98	70-146	1	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	54.0	52.3	108	105	70-136	3	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	49.1	50.7	98	101	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	49.6	50.1	99	100	70-130	1	20	
Benzene	ug/L	<0.50	50	50	50.1	50.9	100	102	70-137	2	20	
Bromodichloromethane	ug/L	<0.45	50	50	48.5	48.3	97	97	70-133	1	20	
Bromoform	ug/L	<0.33	50	50	46.3	46.4	93	93	57-130	0	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851217 851218

Parameter	Units	4084214003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromomethane	ug/L	<0.43	50	50	38.5	44.0	77	88	41-148	13	20	
Carbon tetrachloride	ug/L	<0.37	50	50	49.3	51.1	99	102	70-154	4	20	
Chlorobenzene	ug/L	<0.36	50	50	52.8	52.2	106	104	70-130	1	20	
Chloroethane	ug/L	<0.44	50	50	58.6	60.6	117	121	70-140	3	20	
Chloroform	ug/L	<0.69	50	50	47.7	47.4	95	95	70-130	1	20	
Chloromethane	ug/L	<0.39	50	50	57.3	57.4	115	115	45-154	0	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	48.1	48.2	96	96	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	47.6	47.1	95	94	70-136	1	20	
Dibromochloromethane	ug/L	<1.9	50	50	46.7	47.0	93	94	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	65.7	63.5	131	127	10-157	3	20	
Ethylbenzene	ug/L	<0.50	50	50	54.9	54.4	110	109	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	56.4	58.4	113	117	70-130	3	20	
m&p-Xylene	ug/L	<0.82	100	100	110	108	110	108	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	46.4	45.9	93	92	59-141	1	20	
Methylene Chloride	ug/L	<0.36	50	50	49.2	51.2	98	102	70-130	4	20	
o-Xylene	ug/L	<0.50	50	50	57.2	57.3	114	115	70-130	0	20	
Styrene	ug/L	<0.35	50	50	51.0	51.1	102	102	35-164	0	20	
Tetrachloroethene	ug/L	0.73J	50	50	51.2	50.6	101	100	70-130	1	20	
Toluene	ug/L	<0.44	50	50	56.1	52.4	112	105	70-130	7	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	52.2	52.3	104	105	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<0.30	50	50	45.6	44.9	91	90	55-137	1	20	
Trichloroethene	ug/L	<0.36	50	50	55.4	55.3	110	110	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	57.2	58.9	114	118	50-150	3	20	
Vinyl chloride	ug/L	<0.18	50	50	65.0	66.5	130	133	59-144	2	20	
4-Bromofluorobenzene (S)	%						105	105	43-137			
Dibromofluoromethane (S)	%						96	97	70-130			
Toluene-d8 (S)	%						104	99	55-137			

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4084212

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4084212001	**TRIP BLANK**	EPA 8260	MSV/21158		
4084212002	**MW-9**	EPA 8260	MSV/21158		
4084212003	**PZ-1**	EPA 8260	MSV/21158		
4084212004	**MW-5**	EPA 8260	MSV/21158		
4084212005	**MW-4**	EPA 8260	MSV/21158		
4084212006	**MW-10**	EPA 8260	MSV/21158		
4084212007	**MW-11**	EPA 8260	MSV/21158		
4084212008	**MW-3**	EPA 8260	MSV/21158		
4084212009	**MW-2**	EPA 8260	MSV/21158		
4084212010	**DUP**	EPA 8260	MSV/21158		

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

Pace Analytical®
www.pacelabs.com

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:	AECOM
Branch/Location:	STEVENS POINT
Project Contact:	KYLE WAGONER
Phone:	715-342-3038
Project Number:	60135040
Project Name:	FORMER NORRINGTON
Project State:	WI
Sampled By (Print):	PHIL EGAN
Sampled By (Sign):	
PO #:	Regulatory Program:

JNK 408212

Quote #:	
Mail To Contact:	KYLE WAGONER
Mail To Company:	AECOM
Mail To Address:	200 INDIANA AVE STEVENS POINT, WI 54481
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 (8260)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	TRIP BLANK	9/4/13	9:15	—		B	X		2-40mL B	
	~~LAB~~		~~10:23~~	~~GW~~			~~X~~			
002	MW-9		11:13	GW			X		3-40mL B	
003	PZ-1		11:59				X			
004	MW-5		12:33				X			
005	MW-4		13:25				X			
006	MW-10		14:10				X			
007	MW-11		14:55				X			
008	MW-3		15:50				X			
009	MW-2		16:30				X			
010	DUP		16:35				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:
	9/5/13 12:00		
Waltco	9/6/13 0920	Pace GB	9/6/13 0920

PACE Project No. 408212

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Service
1241 Bellevue Street, S
Green Bay, WI

Pace Analytical™

Sample Condition Upon Receipt

Client Name: AECOM Project # 40284212

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

Tracking #: 403773-1

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

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

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

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

Cooler Temperature Uncorr: RO1 /Corr: Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 9/6/13
Initials: MH

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:	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): Covered			

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

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 9/6/13

AECOM

January 2014
Sampling Event Documents

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
PORTAGE	PC718	

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions): WELL NO. MW-7

¼ ¼ SW ¼ NW | Section 4 | Township 23 N | Range 8 ☒ E ☐ W | or Gov't Lot #

Well Street Address: 3049 CHURCH ST.

Well City, Village or Town: STEVENS POINT | Well ZIP Code: 54481

Subdivision Name: NA | Lot #

Reason For Removal From Service: LOT RENOVATION | WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: FORMER NORMINGTON DRY CLEANERS

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner: CITY OF STEVENS POINT

Present Well Owner: SAME

Mailing Address of Present Owner: 1515 STRONGS

City of Present Owner: STEVENS POINT | State: WI | ZIP Code: 54481

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 5/16/11

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.)
25.2	NA
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.0	NA

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

If yes, to what depth (feet)?	Depth to Water (feet)
NA	18.09

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): GRAVITY - DUMP

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
HOLEPLUG			
Surface	25.2	1	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
AECOM		10/4/2013

Street or Route: 200 INDIANA AVE | Telephone Number: (715) 341-8110

City: STEVENS POINT | State: WI | ZIP Code: 54481

Signature of Person Doing Work: [signature] | Date Signed: 10/4/13

DNR Use Only

Date Received	Noted By

Comments

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

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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

☐ **Verification Only of Fill and Seal**

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

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
PORTAGE	PC719	

Lattitude / Longitude (Degrees and Minutes) — Method Code (see instructions): WELL NO. PZ-2

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

¼ / ¼	¼	Section	Township	Range
SW	NW	4	23 N	8 ☒ E ☐ W

or Gov't Lot #

Well Street Address: 3049 CHURCH ST.

Well City, Village or Town	Well ZIP Code
STEVENS POINT	54481

Subdivision Name	Lot #
NA	

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

2. Facility / Owner Information

Facility Name: FORMER NORMINGTON DRY CLEANERS

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner: CITY OF STEVENS POINT

Present Well Owner: SAME

Mailing Address of Present Owner: 1515 STRONGS

City of Present Owner	State	ZIP Code
STEVENS POINT	WI	54481

3. Well / Drillhole / Borehole Information

☒ Monitoring Well ☐ Water Well ☐ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 5/17/11

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.)
34.8	NA

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

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

If yes, to what depth (feet)?	Depth to Water (feet)
NA	18.0

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): GRAVITY - DUMP

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
HOLEPLUG	Surface	34.8	1 1/3

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
AECOM		10/4/2013

Street or Route	Telephone Number
200 INDIANA AVE	(715) 341-8110

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
STEVENS POINT	WI	54481	[signature]	10/4/13

DNR Use Only

Date Received	Noted By

Comments:

AECOM

Well Purging and Sample Collection

Well No. MW-2

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) COY, SNOW, WIND E @ 5. 25°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

_____ - 18.96 = _____ feet x .70 = _____ gallons

Alternative Calculation:

_____

_____

_____

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 10.48 Stop Time 11:10 Volume 2.5 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ____ Yes X No Comments? _____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 23.0 feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 11:15 Sample Field Filtered? __ Yes X No Time Filtered _____

Field Blank Collected? __ Yes X No Time _____ Duplicate Sample Collected? X Yes __ No Time 11:20

Field Measurements and Observations								
Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:55	9.39	11.77	6.98	1532	139.9	NONE	CLEAR	NONE
11:00	9.11	11.83	6.96	1539	145.4	NONE	CLEAR	NONE
11:05	8.88	11.90	6.93	1556	150.8	NONE	CLEAR	NONE
11:10	8.78	11.98	6.92	1559	154.0	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 1/14/14

AECOM

Well Purging and Sample Collection

Well No. MW-3

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND NW @ 10, 30°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.31 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 16:01 Stop Time 16:20 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 22.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 16:25 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
16:05	5.49	11.53	6.47	2365	197.1	NONE	CLEAR	NONE
16:10	5.02	12.44	6.45	2362	194.4	NONE	CLEAR	NONE
16:15	4.88	12.57	6.44	2350	193.6	NONE	CLEAR	NONE
16:20	4.81	12.60	6.43	2349	193.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 1/13/14

AECOM

Well Purging and Sample Collection

Well No. MW-4

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLY, WIND NW @ 20, 30

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.81 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:13 Stop Time 13:30 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 13:35 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
13:20	7.17	11.79	6.56	1553	171.8	NONE	CLEAR	NONE
13:25	7.08	11.93	6.51	1567	175.5	NONE	CLEAR	NONE
13:30	6.97	11.94	6.49	1573	178.2	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 1/13/14

AECOM

Well Purging and Sample Collection

Well No. MW-5

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND NW @ 15, 32°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.75 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 11:57 Stop Time 12:25 Volume 3.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 12:30 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
12:05	6.23	11.06	6.53	2680	177.8	NONE	CLEAR	NONE
12:10	6.91	11.14	6.53	2548	176.0	NONE	CLEAR	NONE
12:15	7.35	11.10	6.48	2411	173.9	NONE	CLEAR	NONE
12:20	7.48	11.20	6.46	2390	175.2	NONE	CLEAR	NONE
12:25	7.23	11.16	6.46	2381	174.9	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 1/13/14

AECOM

Well Purging and Sample Collection

Well No. MW-9

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) COL, WIND W@ 10, 32°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.46 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 9:59 Stop Time 10:20 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 10:25 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:05	7.49	10.22	6.09	950	202.8	NONE	CLEAR	NONE
10:10	7.16	10.01	6.10	922	199.9	NONE	CLEAR	NONE
10:15	7.10	10.09	6.12	906	197.9	NONE	CLEAR	NONE
10:20	7.05	10.10	6.14	905	197.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 1/13/14

AECOM

Well Purging and Sample Collection

Well No. MW-10

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND NW @ 10, 30°

Person(s) Sampling PHIL EGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

_____ - 17.91 = _____ feet x .70 = _____ gallons

Alternative Calculation:

_____

_____

_____

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:55 Stop Time 14:10 Volume 2.0 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ____ Yes X No Comments? _____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 14:15 Sample Field Filtered? __ Yes X No Time Filtered _____

Field Blank Collected? __ Yes X No Time _____ Duplicate Sample Collected? __ Yes X No Time _____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
14:00	8.37	12.27	6.27	1455	186.5	NONE	CLEAR	NONE
14:05	8.44	12.33	6.27	1457	189.8	NONE	CLEAR	NONE
14:10	8.52	12.24	6.25	1454	190.9	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Egan Title HYDROGEOLOGIST Date 1/13/14

AECOM

Well Purging and Sample Collection

Well No. MW-11

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND NW @ 10, 30°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.34 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 14:45 Stop Time ~~14:95~~ 15:10 Volume 3.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 15:15 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
14:50	5.23	11.74	5.80	2174	204.4	NONE	CLEAR	NONE
14:55	5.34	11.82	5.82	2072	206.8	NONE	CLEAR	NONE
15:00	5.70	11.91	5.85	1984	208.5	NONE	CLEAR	NONE
15:05	5.77	11.96	5.86	1946	210.2	NONE	CLEAR	NONE
15:10	5.78	11.87	5.86	1927	211.9	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 1/13/14

AECOM

Well Purging and Sample Collection

Well No. PZ-1

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND NW @ 15, 30°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

_____ - 17.62 = _____ feet x .70 = _____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 11:15 Stop Time 11:35 Volume 2.0 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ___ Yes X No Comments? _____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth _____ feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 11:40 Sample Field Filtered? __ Yes X No Time Filtered _____

Field Blank Collected? __ Yes X No Time _____ Duplicate Sample Collected? __ Yes X No Time _____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
11:25	7.67	11.42	6.24	1375	185.5	NONE	CLEAR	NONE
11:30	7.75	11.57	6.22	1419	186.9	NONE	CLEAR	NONE
11:35	7.59	11.59	6.20	1435	187.9	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 1/13/14

COPY

RECEIVED
FEB 14 2014

RIB MOUNTAIN
METROPOLITAN SEWERAGE DISTRICT
2001 ASTER ROAD
WAUSAU, WI 54401
715-359-7852 • FAX 715-359-3446
rmmsd@frontier.com
Doing our part for the Wisconsin River.

MANAGER-SUPERINTENDENT:
KEN T. JOHNSON

Vendor #60135040
PO# N/A
Normington

February 13, 2014

AECOM TECHNICAL SERVICES, INC.
200 INDIANA AVENUE
STEVENS POINT, WI 54481

MONITORING WELL	January Use	20 GALLONS =	$25.00
AMOUNT DUE			$25.00

Past due accounts are subject to a late payment charge of 1.5% per month.

Project Number 60135040
Task Number TASK 02.04
Expenditure Type misc.
PO Number
Approval Signature
Approver's Employee # 65-7363
Amount $25.00
Date Invoice Received 2/14/2014
Capital Expenditure Item Yes ____ No X

FORMER NORMINGTON DRY CLEANERS -
WASTE WATER DISPOSAL
FOR JAN. 2014 GW MONIT'G
ON 1/14/2014

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

January 23, 2014

KYLE WAGONER
AECOM, Inc. - STEVENS POINT
200 INDIANA AVE
Stevens Point, WI 54481

RE: Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Dear KYLE WAGONER:
Enclosed are the analytical results for sample(s) received by the laboratory on January 16, 2014. 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,

Kang Khang
kang.khang@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
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: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4091083001	**TRIP BLANK**	Water	01/13/14 09:30	01/16/14 08:45
4091083002	**MW-9**	Water	01/13/14 10:25	01/16/14 08:45
4091083003	**PZ-1**	Water	01/13/14 11:40	01/16/14 08:45
4091083004	**MW-5**	Water	01/13/14 12:30	01/16/14 08:45
4091083005	**MW-4**	Water	01/13/14 13:35	01/16/14 08:45
4091083006	**MW-10**	Water	01/13/14 14:15	01/16/14 08:45
4091083007	**MW-11**	Water	01/13/14 15:15	01/16/14 08:45
4091083008	**MW-3**	Water	01/13/14 16:25	01/16/14 08:45
4091083009	**MW-2**	Water	01/14/14 11:15	01/16/14 08:45
4091083010	**DUP**	Water	01/14/14 11:20	01/16/14 08:45

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

SAMPLE ANALYTE COUNT

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4091083001	**TRIP BLANK**	EPA 8260	HNW	64	PASI-G
4091083002	**MW-9**	EPA 8260	HNW	64	PASI-G
4091083003	**PZ-1**	EPA 8260	HNW	64	PASI-G
4091083004	**MW-5**	EPA 8260	HNW	64	PASI-G
4091083005	**MW-4**	EPA 8260	HNW	64	PASI-G
4091083006	**MW-10**	EPA 8260	HNW	64	PASI-G
4091083007	**MW-11**	EPA 8260	HNW	64	PASI-G
4091083008	**MW-3**	EPA 8260	HNW	64	PASI-G
4091083009	**MW-2**	EPA 8260	HNW	64	PASI-G
4091083010	**DUP**	EPA 8260	HNW	64	PASI-G

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

PROJECT NARRATIVE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Method: **EPA 8260**
Description: 8260 MSV
Client: AECOM, Inc. - STEVENS POINT
Date: January 23, 2014

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

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

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

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

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

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

Method Blank:
All analytes were below the report limit in the method blank, 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.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: TRIP BLANK **Lab ID: 4091083001** Collected: 01/13/14 09:30 Received: 01/16/14 08:45 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		01/22/14 17:49	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 17:49	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 17:49	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 17:49	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 17:49	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 17:49	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 17:49	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 17:49	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 17:49	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 17:49	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 17:49	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 17:49	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		01/22/14 17:49	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 17:49	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 17:49	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 17:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 17:49	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 17:49	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 17:49	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 17:49	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 17:49	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 17:49	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 17:49	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 17:49	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 17:49	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 17:49	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 17:49	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 17:49	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 17:49	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 17:49	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 17:49	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 17:49	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 17:49	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 17:49	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 17:49	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 17:49	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 17:49	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 17:49	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 17:49	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 17:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 17:49	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: TRIP BLANK **Lab ID: 4091083001** Collected: 01/13/14 09:30 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 17:49	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		01/22/14 17:49	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 17:49	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 17:49	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 17:49	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 17:49	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 17:49	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 17:49	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 17:49	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 17:49	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 17:49	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 17:49	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 17:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		01/22/14 17:49	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		01/22/14 17:49	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		01/22/14 17:49	2037-26-5	

Sample: MW-9 **Lab ID: 4091083002** Collected: 01/13/14 10:25 Received: 01/16/14 08:45 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		01/22/14 11:06	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:06	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 11:06	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:06	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 11:06	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 11:06	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:06	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 11:06	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 11:06	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 11:06	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:06	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:06	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		01/22/14 11:06	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 11:06	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:06	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:06	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 11:06	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 11:06	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 11:06	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-9 **Lab ID: 4091083002** Collected: 01/13/14 10:25 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:06	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:06	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:06	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 11:06	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:06	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 11:06	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:06	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 11:06	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 11:06	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 11:06	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 11:06	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 11:06	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 11:06	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 11:06	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 11:06	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 11:06	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:06	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:06	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 11:06	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 11:06	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 11:06	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:06	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 11:06	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		01/22/14 11:06	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:06	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 11:06	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 11:06	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:06	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 11:06	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:06	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:06	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 11:06	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 11:06	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 11:06	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	43-137		1		01/22/14 11:06	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/22/14 11:06	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		01/22/14 11:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: PZ-1 **Lab ID: 4091083003** Collected: 01/13/14 11:40 Received: 01/16/14 08:45 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		01/22/14 11:29	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:29	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 11:29	74-97-5	
Bromodichloromethane	**2.7**	ug/L	1.0	0.45	1		01/22/14 11:29	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 11:29	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 11:29	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:29	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 11:29	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 11:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 11:29	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:29	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:29	75-00-3	
Chloroform	**6.8**	ug/L	5.0	0.69	1		01/22/14 11:29	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 11:29	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:29	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 11:29	96-12-8	
Dibromochloromethane	**3.8J**	ug/L	5.0	1.9	1		01/22/14 11:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 11:29	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:29	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:29	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:29	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 11:29	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:29	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 11:29	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:29	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 11:29	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 11:29	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 11:29	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 11:29	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 11:29	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 11:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 11:29	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 11:29	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 11:29	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:29	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:29	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 11:29	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 11:29	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 11:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:29	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: PZ-1 **Lab ID: 4091083003** Collected: 01/13/14 11:40 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 11:29	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		01/22/14 11:29	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:29	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 11:29	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 11:29	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:29	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 11:29	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:29	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:29	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 11:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 11:29	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 11:29	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	43-137		1		01/22/14 11:29	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		01/22/14 11:29	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		01/22/14 11:29	2037-26-5	

Sample: MW-5 **Lab ID: 4091083004** Collected: 01/13/14 12:30 Received: 01/16/14 08:45 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		01/22/14 10:44	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 10:44	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 10:44	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 10:44	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 10:44	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 10:44	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 10:44	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 10:44	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 10:44	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 10:44	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 10:44	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 10:44	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		01/22/14 10:44	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 10:44	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 10:44	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 10:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 10:44	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 10:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 10:44	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-5 **Lab ID: 4091083004** Collected: 01/13/14 12:30 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 10:44	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 10:44	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 10:44	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 10:44	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 10:44	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 10:44	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 10:44	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 10:44	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 10:44	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 10:44	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 10:44	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 10:44	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 10:44	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 10:44	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 10:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 10:44	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 10:44	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 10:44	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 10:44	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 10:44	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 10:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 10:44	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 10:44	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		01/22/14 10:44	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 10:44	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 10:44	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 10:44	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 10:44	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 10:44	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 10:44	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 10:44	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 10:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 10:44	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 10:44	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 10:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		01/22/14 10:44	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		01/22/14 10:44	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		01/22/14 10:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-4 **Lab ID: 4091083005** Collected: 01/13/14 13:35 Received: 01/16/14 08:45 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		01/22/14 11:51	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:51	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 11:51	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:51	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 11:51	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 11:51	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:51	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 11:51	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 11:51	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 11:51	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:51	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:51	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		01/22/14 11:51	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 11:51	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:51	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 11:51	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 11:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 11:51	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:51	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:51	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:51	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 11:51	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:51	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 11:51	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:51	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 11:51	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 11:51	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 11:51	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 11:51	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 11:51	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 11:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 11:51	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 11:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 11:51	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 11:51	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:51	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 11:51	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 11:51	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 11:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 11:51	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-4 **Lab ID: 4091083005** Collected: 01/13/14 13:35 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 11:51	79-34-5	
Tetrachloroethene	**2.9**	ug/L	1.0	0.47	1		01/22/14 11:51	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:51	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 11:51	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 11:51	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 11:51	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 11:51	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 11:51	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 11:51	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 11:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 11:51	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 11:51	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 11:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	43-137		1		01/22/14 11:51	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/22/14 11:51	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		01/22/14 11:51	2037-26-5	

Sample: MW-10 **Lab ID: 4091083006** Collected: 01/13/14 14:15 Received: 01/16/14 08:45 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		01/22/14 12:14	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:14	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 12:14	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:14	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 12:14	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 12:14	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:14	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 12:14	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 12:14	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 12:14	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:14	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:14	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		01/22/14 12:14	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 12:14	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:14	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:14	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 12:14	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 12:14	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 12:14	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-10 **Lab ID: 4091083006** Collected: 01/13/14 14:15 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:14	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:14	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:14	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 12:14	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:14	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 12:14	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:14	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 12:14	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 12:14	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 12:14	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 12:14	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 12:14	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 12:14	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 12:14	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 12:14	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 12:14	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:14	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:14	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 12:14	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 12:14	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 12:14	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:14	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 12:14	79-34-5	
Tetrachloroethene	**2.6**	ug/L	1.0	0.47	1		01/22/14 12:14	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:14	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 12:14	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 12:14	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:14	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 12:14	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:14	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:14	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 12:14	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 12:14	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 12:14	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	43-137		1		01/22/14 12:14	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/22/14 12:14	1868-53-7	
Toluene-d8 (S)	94	%	55-137		1		01/22/14 12:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-11 **Lab ID: 4091083007** Collected: 01/13/14 15:15 Received: 01/16/14 08:45 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		01/22/14 12:36	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:36	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 12:36	74-97-5	
Bromodichloromethane	**0.75J**	ug/L	1.0	0.45	1		01/22/14 12:36	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 12:36	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 12:36	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:36	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 12:36	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 12:36	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 12:36	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:36	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:36	75-00-3	
Chloroform	**2.3J**	ug/L	5.0	0.69	1		01/22/14 12:36	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 12:36	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:36	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 12:36	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 12:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 12:36	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:36	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:36	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:36	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 12:36	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:36	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 12:36	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:36	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 12:36	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 12:36	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 12:36	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 12:36	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 12:36	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 12:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 12:36	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 12:36	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 12:36	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:36	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:36	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 12:36	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 12:36	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 12:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:36	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-11 **Lab ID: 4091083007** Collected: 01/13/14 15:15 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 12:36	79-34-5	
Tetrachloroethene	**13.5**	ug/L	1.0	0.47	1		01/22/14 12:36	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:36	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 12:36	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 12:36	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:36	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 12:36	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:36	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:36	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 12:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 12:36	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 12:36	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		01/22/14 12:36	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		01/22/14 12:36	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		01/22/14 12:36	2037-26-5	

Sample: MW-3 **Lab ID: 4091083008** Collected: 01/13/14 16:25 Received: 01/16/14 08:45 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		01/22/14 12:58	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:58	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 12:58	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:58	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 12:58	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 12:58	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:58	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 12:58	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 12:58	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 12:58	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:58	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:58	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		01/22/14 12:58	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 12:58	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:58	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 12:58	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 12:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 12:58	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-3 **Lab ID: 4091083008** Collected: 01/13/14 16:25 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:58	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:58	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:58	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 12:58	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:58	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 12:58	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:58	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 12:58	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 12:58	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 12:58	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 12:58	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 12:58	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 12:58	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 12:58	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 12:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 12:58	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 12:58	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:58	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 12:58	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 12:58	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 12:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 12:58	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 12:58	79-34-5	
Tetrachloroethene	**2.3**	ug/L	1.0	0.47	1		01/22/14 12:58	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:58	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 12:58	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 12:58	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 12:58	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 12:58	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 12:58	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 12:58	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 12:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 12:58	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 12:58	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 12:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	43-137		1		01/22/14 12:58	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		01/22/14 12:58	1868-53-7	
Toluene-d8 (S)	94	%	55-137		1		01/22/14 12:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-2 **Lab ID: 4091083009** Collected: 01/14/14 11:15 Received: 01/16/14 08:45 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		01/22/14 13:20	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:20	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 13:20	74-97-5	
Bromodichloromethane	**1.2**	ug/L	1.0	0.45	1		01/22/14 13:20	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 13:20	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 13:20	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 13:20	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 13:20	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 13:20	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 13:20	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 13:20	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:20	75-00-3	
Chloroform	**3.5J**	ug/L	5.0	0.69	1		01/22/14 13:20	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 13:20	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:20	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 13:20	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 13:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 13:20	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:20	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:20	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 13:20	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 13:20	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 13:20	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 13:20	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:20	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 13:20	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 13:20	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 13:20	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 13:20	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 13:20	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 13:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 13:20	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 13:20	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 13:20	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 13:20	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 13:20	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 13:20	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 13:20	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 13:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 13:20	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: MW-2 **Lab ID: 4091083009** Collected: 01/14/14 11:15 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 13:20	79-34-5	
Tetrachloroethene	**4.7**	ug/L	1.0	0.47	1		01/22/14 13:20	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:20	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 13:20	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 13:20	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:20	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 13:20	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 13:20	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:20	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 13:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 13:20	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 13:20	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	43-137		1		01/22/14 13:20	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/22/14 13:20	1868-53-7	
Toluene-d8 (S)	95	%	55-137		1		01/22/14 13:20	2037-26-5	

Sample: DUP **Lab ID: 4091083010** Collected: 01/14/14 11:20 Received: 01/16/14 08:45 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		01/22/14 13:43	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:43	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		01/22/14 13:43	74-97-5	
Bromodichloromethane	**1.2**	ug/L	1.0	0.45	1		01/22/14 13:43	75-27-4	
Bromoform	**<0.33**	ug/L	1.0	0.33	1		01/22/14 13:43	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		01/22/14 13:43	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 13:43	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		01/22/14 13:43	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 13:43	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/22/14 13:43	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 13:43	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:43	75-00-3	
Chloroform	**3.6J**	ug/L	5.0	0.69	1		01/22/14 13:43	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 13:43	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:43	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		01/22/14 13:43	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		01/22/14 13:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		01/22/14 13:43	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Sample: DUP **Lab ID: 4091083010** Collected: 01/14/14 11:20 Received: 01/16/14 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:43	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:43	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		01/22/14 13:43	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 13:43	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		01/22/14 13:43	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/22/14 13:43	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:43	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		01/22/14 13:43	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		01/22/14 13:43	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		01/22/14 13:43	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		01/22/14 13:43	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		01/22/14 13:43	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		01/22/14 13:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.30**	ug/L	1.0	0.30	1		01/22/14 13:43	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		01/22/14 13:43	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		01/22/14 13:43	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		01/22/14 13:43	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		01/22/14 13:43	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		01/22/14 13:43	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 13:43	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		01/22/14 13:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		01/22/14 13:43	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/22/14 13:43	79-34-5	
Tetrachloroethene	**4.5**	ug/L	1.0	0.47	1		01/22/14 13:43	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:43	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		01/22/14 13:43	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		01/22/14 13:43	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		01/22/14 13:43	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		01/22/14 13:43	79-00-5	
Trichloroethene	**<0.36**	ug/L	1.0	0.36	1		01/22/14 13:43	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		01/22/14 13:43	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		01/22/14 13:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		01/22/14 13:43	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		01/22/14 13:43	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		01/22/14 13:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	43-137		1		01/22/14 13:43	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/22/14 13:43	1868-53-7	
Toluene-d8 (S)	94	%	55-137		1		01/22/14 13:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

QC Batch: MSV/23032 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4091083001, 4091083002, 4091083003, 4091083004, 4091083005, 4091083006, 4091083007, 4091083008, 4091083009, 4091083010

METHOD BLANK: 923114 Matrix: Water
Associated Lab Samples: 4091083001, 4091083002, 4091083003, 4091083004, 4091083005, 4091083006, 4091083007, 4091083008, 4091083009, 4091083010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	01/22/14 08:30	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	01/22/14 08:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/22/14 08:30	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	01/22/14 08:30	
1,1-Dichloroethane	ug/L	<0.28	1.0	01/22/14 08:30	
1,1-Dichloroethene	ug/L	<0.43	1.0	01/22/14 08:30	
1,1-Dichloropropene	ug/L	<0.51	1.0	01/22/14 08:30	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	01/22/14 08:30	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	01/22/14 08:30	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	01/22/14 08:30	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	01/22/14 08:30	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	01/22/14 08:30	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	01/22/14 08:30	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	01/22/14 08:30	
1,2-Dichloroethane	ug/L	<0.48	1.0	01/22/14 08:30	
1,2-Dichloropropane	ug/L	<0.50	1.0	01/22/14 08:30	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	01/22/14 08:30	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	01/22/14 08:30	
1,3-Dichloropropane	ug/L	<0.46	1.0	01/22/14 08:30	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	01/22/14 08:30	
2,2-Dichloropropane	ug/L	<0.50	1.0	01/22/14 08:30	
2-Chlorotoluene	ug/L	<0.48	1.0	01/22/14 08:30	
4-Chlorotoluene	ug/L	<0.48	1.0	01/22/14 08:30	
Benzene	ug/L	<0.50	1.0	01/22/14 08:30	
Bromobenzene	ug/L	<0.48	1.0	01/22/14 08:30	
Bromochloromethane	ug/L	<0.49	1.0	01/22/14 08:30	
Bromodichloromethane	ug/L	<0.45	1.0	01/22/14 08:30	
Bromoform	ug/L	<0.33	1.0	01/22/14 08:30	
Bromomethane	ug/L	<0.43	5.0	01/22/14 08:30	
Carbon tetrachloride	ug/L	<0.37	1.0	01/22/14 08:30	
Chlorobenzene	ug/L	<0.36	1.0	01/22/14 08:30	
Chloroethane	ug/L	<0.44	1.0	01/22/14 08:30	
Chloroform	ug/L	<0.69	5.0	01/22/14 08:30	
Chloromethane	ug/L	<0.39	1.0	01/22/14 08:30	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	01/22/14 08:30	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	01/22/14 08:30	
Dibromochloromethane	ug/L	<1.9	5.0	01/22/14 08:30	
Dibromomethane	ug/L	<0.48	1.0	01/22/14 08:30	
Dichlorodifluoromethane	ug/L	<0.40	1.0	01/22/14 08:30	
Diisopropyl ether	ug/L	<0.50	1.0	01/22/14 08:30	
Ethylbenzene	ug/L	<0.50	1.0	01/22/14 08:30	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

METHOD BLANK: 923114 Matrix: Water

Associated Lab Samples: 4091083001, 4091083002, 4091083003, 4091083004, 4091083005, 4091083006, 4091083007, 4091083008, 4091083009, 4091083010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	01/22/14 08:30	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	01/22/14 08:30	
m&p-Xylene	ug/L	<0.82	2.0	01/22/14 08:30	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	01/22/14 08:30	
Methylene Chloride	ug/L	<0.36	1.0	01/22/14 08:30	
n-Butylbenzene	ug/L	<0.40	1.0	01/22/14 08:30	
n-Propylbenzene	ug/L	<0.50	1.0	01/22/14 08:30	
Naphthalene	ug/L	<2.5	5.0	01/22/14 08:30	
o-Xylene	ug/L	<0.50	1.0	01/22/14 08:30	
p-Isopropyltoluene	ug/L	<0.40	1.0	01/22/14 08:30	
sec-Butylbenzene	ug/L	<0.60	5.0	01/22/14 08:30	
Styrene	ug/L	<0.35	1.0	01/22/14 08:30	
tert-Butylbenzene	ug/L	<0.42	1.0	01/22/14 08:30	
Tetrachloroethene	ug/L	<0.47	1.0	01/22/14 08:30	
Toluene	ug/L	<0.44	1.0	01/22/14 08:30	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	01/22/14 08:30	
trans-1,3-Dichloropropene	ug/L	<0.30	1.0	01/22/14 08:30	
Trichloroethene	ug/L	<0.36	1.0	01/22/14 08:30	
Trichlorofluoromethane	ug/L	<0.48	1.0	01/22/14 08:30	
Vinyl chloride	ug/L	<0.18	1.0	01/22/14 08:30	
4-Bromofluorobenzene (S)	%	97	43-137	01/22/14 08:30	
Dibromofluoromethane (S)	%	99	70-130	01/22/14 08:30	
Toluene-d8 (S)	%	94	55-137	01/22/14 08:30	

LABORATORY CONTROL SAMPLE & LCSD: 923115 923116

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.8	48.7	98	97	70-136	0	20	
1,1,2,2-Tetrachloroethane	ug/L	50	49.4	48.9	99	98	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	52.4	52.1	105	104	70-130	1	20	
1,1-Dichloroethane	ug/L	50	55.4	54.5	111	109	70-146	2	20	
1,1-Dichloroethene	ug/L	50	57.3	56.3	115	113	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	50	48.1	49.8	96	100	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	42.3	43.0	85	86	46-150	2	20	
1,2-Dibromoethane (EDB)	ug/L	50	53.3	54.2	107	108	70-130	2	20	
1,2-Dichlorobenzene	ug/L	50	47.4	48.2	95	96	70-130	2	20	
1,2-Dichloroethane	ug/L	50	51.9	51.1	104	102	70-144	1	20	
1,2-Dichloropropane	ug/L	50	49.4	49.7	99	99	70-136	1	20	
1,3-Dichlorobenzene	ug/L	50	46.6	47.7	93	95	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	44.7	46.2	89	92	70-130	3	20	
Benzene	ug/L	50	53.2	52.9	106	106	70-137	1	20	
Bromodichloromethane	ug/L	50	50.8	51.0	102	102	70-133	0	20	
Bromoform	ug/L	50	53.2	53.1	106	106	59-130	0	20	
Bromomethane	ug/L	50	51.7	54.9	103	110	41-148	6	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

LABORATORY CONTROL SAMPLE & LCSD: 923115 923116

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	51.4	51.8	103	104	70-154	1	20	
Chlorobenzene	ug/L	50	50.0	51.2	100	102	70-130	2	20	
Chloroethane	ug/L	50	55.4	54.7	111	109	70-139	1	20	
Chloroform	ug/L	50	50.4	49.7	101	99	70-130	1	20	
Chloromethane	ug/L	50	58.3	58.3	117	117	45-154	0	20	
cis-1,2-Dichloroethene	ug/L	50	56.8	59.6	114	119	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	50	50.1	50.4	100	101	70-136	1	20	
Dibromochloromethane	ug/L	50	51.4	52.3	103	105	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	53.0	52.2	106	104	20-157	2	20	
Ethylbenzene	ug/L	50	48.8	49.8	98	100	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	49.5	50.0	99	100	70-130	1	20	
m&p-Xylene	ug/L	100	99.6	101	100	101	70-130	2	20	
Methyl-tert-butyl ether	ug/L	50	54.0	52.5	108	105	59-141	3	20	
Methylene Chloride	ug/L	50	56.6	56.7	113	113	70-130	0	20	
o-Xylene	ug/L	50	50.6	51.4	101	103	70-130	2	20	
Styrene	ug/L	50	48.5	48.9	97	98	70-130	1	20	
Tetrachloroethene	ug/L	50	51.0	52.0	102	104	70-130	2	20	
Toluene	ug/L	50	48.6	49.0	97	98	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	56.5	56.3	113	113	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	50	43.8	44.4	88	89	55-135	1	20	
Trichloroethene	ug/L	50	52.4	52.2	105	104	70-130	0	20	
Trichlorofluoromethane	ug/L	50	56.3	56.2	113	112	50-150	0	20	
Vinyl chloride	ug/L	50	58.3	57.7	117	115	61-143	1	20	
4-Bromofluorobenzene (S)	%				100	101	43-137			
Dibromofluoromethane (S)	%				103	101	70-130			
Toluene-d8 (S)	%				94	94	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 923843 923844

Parameter	Units	4091083004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.44	50	50	47.9	48.7	96	97	70-136	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	49.7	50.2	99	100	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	51.9	51.8	104	104	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.28	50	50	53.5	54.2	107	108	70-146	1	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	55.0	56.0	110	112	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	48.7	49.9	97	100	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	43.5	45.8	87	92	46-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	52.8	54.1	106	108	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	47.2	48.0	94	96	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	50.8	51.6	102	103	70-146	2	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	49.7	49.2	99	98	70-136	1	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	46.7	47.2	93	94	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	45.5	45.8	91	92	70-130	1	20	
Benzene	ug/L	<0.50	50	50	51.9	52.8	104	106	70-137	2	20	
Bromodichloromethane	ug/L	<0.45	50	50	50.8	50.3	102	101	70-133	1	20	
Bromoform	ug/L	<0.33	50	50	52.8	52.8	106	106	57-130	0	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 923843 923844

Parameter	Units	4091083004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromomethane	ug/L	<0.43	50	50	54.6	56.9	109	114	41-148	4	20	
Carbon tetrachloride	ug/L	<0.37	50	50	50.7	51.8	101	104	70-154	2	20	
Chlorobenzene	ug/L	<0.36	50	50	49.7	50.1	99	100	70-130	1	20	
Chloroethane	ug/L	<0.44	50	50	53.8	55.0	108	110	70-140	2	20	
Chloroform	ug/L	<0.69	50	50	49.0	49.3	98	99	70-130	1	20	
Chloromethane	ug/L	<0.39	50	50	57.1	57.8	114	116	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	<0.42	50	50	58.3	59.3	117	119	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	49.3	50.0	99	100	70-136	1	20	
Dibromochloromethane	ug/L	<1.9	50	50	51.6	51.8	103	104	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	50.8	51.8	102	104	10-157	2	20	
Ethylbenzene	ug/L	<0.50	50	50	48.2	48.9	96	98	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	48.5	49.2	97	98	70-130	2	20	
m&p-Xylene	ug/L	<0.82	100	100	98.4	98.6	98	99	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	52.8	53.4	106	107	59-141	1	20	
Methylene Chloride	ug/L	<0.36	50	50	55.4	56.4	111	113	70-130	2	20	
o-Xylene	ug/L	<0.50	50	50	49.7	50.1	99	100	70-130	1	20	
Styrene	ug/L	<0.35	50	50	47.6	48.3	95	97	35-164	2	20	
Tetrachloroethene	ug/L	<0.47	50	50	50.4	50.8	101	102	70-130	1	20	
Toluene	ug/L	<0.44	50	50	47.7	48.6	95	97	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	55.0	55.9	110	112	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.30	50	50	43.3	44.4	87	89	55-137	3	20	
Trichloroethene	ug/L	<0.36	50	50	51.7	51.8	103	104	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	54.8	55.6	110	111	50-150	1	20	
Vinyl chloride	ug/L	<0.18	50	50	56.6	57.6	113	115	59-144	2	20	
4-Bromofluorobenzene (S)	%						101	100	43-137			
Dibromofluoromethane (S)	%						101	102	70-130			
Toluene-d8 (S)	%						93	94	55-137			

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4091083

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4091083001	**TRIP BLANK**	EPA 8260	MSV/23032		
4091083002	**MW-9**	EPA 8260	MSV/23032		
4091083003	**PZ-1**	EPA 8260	MSV/23032		
4091083004	**MW-5**	EPA 8260	MSV/23032		
4091083005	**MW-4**	EPA 8260	MSV/23032		
4091083006	**MW-10**	EPA 8260	MSV/23032		
4091083007	**MW-11**	EPA 8260	MSV/23032		
4091083008	**MW-3**	EPA 8260	MSV/23032		
4091083009	**MW-2**	EPA 8260	MSV/23032		
4091083010	**DUP**	EPA 8260	MSV/23032		

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

Pace Analytical®
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CHAIN OF CUSTODY

4091083

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	STEVENS POINT
Project Contact:	KYLE WAGONER
Phone:	715-342-3038
Project Number:	60135840
Project Name:	FORMER NARRAGANSETT
Project State:	WI
Sampled By (Print):	PHIL EGAN
Sampled By (Sign):	Phil Egan
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	KYLE WAGONER
Mail To Company:	AECOM
Mail To Address:	200 INDIANA AVE STEVENS POINT, WI
Invoice To Contact:	SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
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 (8260) VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	TRIP BLANK	1/13/14	9:30	C	N	B	X		2-40mL B
002	MW-9		10:25	GW			X		3-40mL B
003	PZ-1		11:40				X		
004	MW-5		12:30				X		
005	MW-4		13:35				X		
006	MW-10		14:15				X		
007	MW-11		15:15				X		
008	MW-3		16:25				X		
009	MW-2	1/14/14	11:15				X		
010	DUP	"	11:20				X		

Profile #

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:
Phil Egan	1/15/14 2:00		
Waltco	1-16-14 0845	Pace GB	1-16-14 0845

PACE Project No.
4091083

Receipt Temp = 12.0 °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™

Project **WO# : 4091083**

4091083

Client Name: AECOM

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

Tracking #: 484927

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: 20.1 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 1-16-14
Initials: BF

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:	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. 1 custody seal intact. 1-16-14 BF
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): Covered		

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

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 1/16/14

AECOM

April 2014
Sampling Event Documents

AECOM #60135040, TASK 03

AECOM

Well Purging and Sample Collection

Well No. MW-2

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND SE @ 5 55°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

_____ - 18.92 = _____ feet x .70 = _____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 15:17 Stop Time 15:45 Volume 3.0 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ___ Yes X No Comments? _____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 23.0 feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 15:50 Sample Field Filtered? _ Yes X No Time Filtered _____

Field Blank Collected? _ Yes X No Time _____ Duplicate Sample Collected? X Yes _ No Time 15:55

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
15:25	6.79	10.83	6.35	1556	111.4	NONE	CLEAR	NONE
15:30	6.53	10.79	6.34	1536	112.2	NONE	CLEAR	NONE
15:35	6.40	10.72	6.32	1526	112.9	NONE	CLEAR	NONE
15:40	6.55	10.73	6.31	1523	113.1	NONE	CLEAR	NONE
15:45	6.53	10.68	6.32	1521	113.6	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 4/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-3

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND SE @ 5, 50°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

_____ - 17.38 = _____ feet x .70 = _____ gallons

Alternative Calculation:

_____

_____

_____

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 14:25 Stop Time 14:50 Volume 2.5 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ___ Yes X No Comments? _____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 23.0 feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 14:55 Sample Field Filtered? ___ Yes X No Time Filtered _____

Field Blank Collected? ___ Yes X No Time _____ Duplicate Sample Collected? ___ Yes X No Time _____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
14:30	3.55	10.38	6.51	2517	106.1	NONE	CLEAR	NONE
14:35	3.46	10.24	6.49	2496	103.4	NONE	CLEAR	NONE
14:40	3.69	10.10	6.49	2410	99.9	NONE	CLEAR	NONE
14:45	4.11	9.97	6.50	2340	98.1	NONE	CLEAR	NONE
14:50	4.16	9.94	6.50	2321	97.5	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 4/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-4

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND E @ 10, 55°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.69 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 12:06 Stop Time 12:30 Volume 2,5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes _X_ No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 12:35 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
12:10	7.60	10.28	6.60	2511	102.2	NONE	CLEAR	NONE
12:15	6.60	10.08	6.45	2443	102.5	NONE	CLEAR	NONE
12:20	5.98	9.96	6.32	2344	103.2	NONE	CLEAR	NONE
12:25	5.79	9.91	6.29	2316	103.4	NONE	CLEAR	NONE
12:30	5.64	9.93	6.28	2309	103.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 4/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-5

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND E @ 5, 50°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.78 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 11:26 Stop Time 11:45 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 24.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 11:50 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
11:35	8.37	10.24	6.49	1917	101.3	NONE	CLEAR	NONE
11:40	8.24	10.24	6.52	1896	100.2	NONE	CLEAR	NONE
11:45	8.23	10.30	6.53	1890	100.1	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 4/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-9

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND CALM, 45°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.25 = ____ feet x .70 = ____ gallons

Alternative Calculation:

____

____

____

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 10:10 Stop Time 10:30 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 23.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 10:35 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:15	8.95	9.79	6.66	1264	49.3	NONE	CLEAR	NONE
10:20	7.66	9.40	6.16	1117	79.8	NONE	CLEAR	NONE
10:25	7.33	9.31	6.26	1039	82.6	NONE	CLEAR	NONE
10:30	7.20	9.26	6.30	1031	84.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 4/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-10

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND SE @ 5-7, 58°F

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.76 = ____ feet x .70 = ____ gallons

Alternative Calculation:

_____

_____

_____

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:50 Stop Time 13:10 Volume 2.5 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ____ Yes X No Comments? _____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 24.0 feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 13:15 Sample Field Filtered? _ Yes X No Time Filtered _____

Field Blank Collected? _ Yes X No Time _____ Duplicate Sample Collected? _ Yes X No Time _____

Field Measurements and Observations								
Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
13:55	8.25	10.27	6.37	1178	108.7	NONE	CLEAR	NONE
13:00	7.97	10.09	6.34	1061	109.2	NONE	CLEAR	NONE
13:05	7.85	10.08	6.32	1056	109.8	NONE	CLEAR	NONE
13:10	7.77	10.10	6.31	1061	110.3	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 4/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-11

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND SE @ 10, 50°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

_____ - 17.16 = _____ feet x .70 = _____ gallons

Alternative Calculation:

_____

_____

_____

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:33 Stop Time 14:00 Volume 2.5 gallons Average Purge Flow Rate _____

Did Well Purge Dry: ____ Yes X No Comments? _____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 24.0 feet Average Sample Flow Rate _____ gpm

Time Lab Sample Collected 14:05 Sample Field Filtered? __ Yes X No Time Filtered _____

Field Blank Collected? __ Yes X No Time _____ Duplicate Sample Collected? __ Yes X No Time _____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
13:40	5.31	10.31	6.33	3227	116.4	NONE	CLEAR	NONE
13:45	5.27	10.10	6.32	3138	115.9	NONE	CLEAR	NONE
13:50	5.78	10.01	6.29	2938	114.3	NONE	CLEAR	NONE
13:55	6.01	9.95	6.28	2888	114.2	NONE	CLEAR	NONE
14:00	6.09	9.95	6.27	2888	114.4	NONE	CLEAR	NONE

Comments: _____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 4/23/14

AECOM

Well Purging and Sample Collection

Well No. DZ-1

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) SUNNY; WIND CALM, 50°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.65 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 10:53 Stop Time 11:15 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 32.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 11:20 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
11:00	6.97	11.72	6.34	1627	97.3	NONE	CLEAR	NONE
11:05	6.76	11.86	6.30	1685	97.8	NONE	CLEAR	NONE
11:10	6.61	11.84	6.35	1791	97.1	NONE	CLEAR	NONE
11:15	6.63	11.87	6.29	1722	98.0	NONE	CLEAR	NONE

Comments: ____

Form Completed By [signature] Title HYDROGEOLOGIST Date 4/23/14

Copy

RIB MOUNTAIN
METROPOLITAN SEWERAGE DISTRICT
2001 ASTER ROAD
WAUSAU, WI 54401
715-359-7852 • FAX 715-359-3446
rmmsd@frontier.com
Doing our part for the Wisconsin River.

MANAGER-SUPERINTENDENT:
KEN T. JOHNSON

RECEIVED
MAY 16 2014

Vendor #60135040
PO# N/A
Normington

May 14, 2014

AECOM TECHNICAL SERVICES, INC.
Attention: Accounts Payable
P.O. Box 5604
Glen Allen, VA 23058-5604

MONITORING WELL	April Use	20 GALLONS =	$25.00
AMOUNT DUE			$25.00

Past due accounts are subject to a late payment charge of 1.5% per month.

FORMER NORMINGTON'S CLEANERS -
WASTE WATER DISPOSAL
FOR APRIL 2014 GW MONIT'G
ON 4/23/2014

AECOM #60135040, TASK 02.04

#657363
5/22/2014

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

May 02, 2014

KYLE WAGONER
AECOM, Inc. - STEVENS POINT
200 INDIANA AVE
Stevens Point, WI 54481

RE: Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Dear KYLE WAGONER:
Enclosed are the analytical results for sample(s) received by the laboratory on April 25, 2014. 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,

Kang Khang
kang.khang@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
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: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4095310001	**TRIP BLANK**	Water	04/23/14 10:00	04/25/14 08:40
4095310002	**MW-9**	Water	04/23/14 10:35	04/25/14 08:40
4095310003	**PZ-1**	Water	04/23/14 11:20	04/25/14 08:40
4095310004	**MW-5**	Water	04/23/14 11:50	04/25/14 08:40
4095310005	**MW-4**	Water	04/23/14 12:35	04/25/14 08:40
4095310006	**MW-10**	Water	04/23/14 13:15	04/25/14 08:40
4095310007	**MW-11**	Water	04/23/14 14:05	04/25/14 08:40
4095310008	**MW-3**	Water	04/23/14 14:55	04/25/14 08:40
4095310009	**MW-2**	Water	04/23/14 15:50	04/25/14 08:40
4095310010	**DUP**	Water	04/23/14 15:55	04/25/14 08:40

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

SAMPLE ANALYTE COUNT

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4095310001	**TRIP BLANK**	EPA 8260	LAP	64	PASI-G
4095310002	**MW-9**	EPA 8260	LAP	64	PASI-G
4095310003	**PZ-1**	EPA 8260	LAP	64	PASI-G
4095310004	**MW-5**	EPA 8260	LAP	64	PASI-G
4095310005	**MW-4**	EPA 8260	LAP	64	PASI-G
4095310006	**MW-10**	EPA 8260	LAP	64	PASI-G
4095310007	**MW-11**	EPA 8260	LAP	64	PASI-G
4095310008	**MW-3**	EPA 8260	LAP	64	PASI-G
4095310009	**MW-2**	EPA 8260	LAP	64	PASI-G
4095310010	**DUP**	EPA 8260	LAP	64	PASI-G

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

PROJECT NARRATIVE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Method: **EPA 8260**
Description: 8260 MSV
Client: AECOM, Inc. - STEVENS POINT
Date: May 02, 2014

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

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

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

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

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

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

Method Blank:
All analytes were below the report limit in the method blank, 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.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: TRIP BLANK **Lab ID: 4095310001** Collected: 04/23/14 10:00 Received: 04/25/14 08:40 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		04/30/14 16:32	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:32	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 16:32	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 16:32	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 16:32	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 16:32	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 16:32	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 16:32	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 16:32	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 16:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 16:32	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 16:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:32	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 16:32	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:32	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:32	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 16:32	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 16:32	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 16:32	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 16:32	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:32	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 16:32	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 16:32	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 16:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:32	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 16:32	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 16:32	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 16:32	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:32	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 16:32	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 16:32	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 16:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 16:32	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: TRIP BLANK **Lab ID: 4095310001** Collected: 04/23/14 10:00 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 16:32	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 16:32	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 16:32	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:32	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 16:32	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 16:32	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 16:32	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 16:32	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	59-130		1		04/30/14 16:32	460-00-4	
Dibromofluoromethane (S)	116	%	70-130		1		04/30/14 16:32	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/30/14 16:32	2037-26-5	

Sample: MW-9 **Lab ID: 4095310002** Collected: 04/23/14 10:35 Received: 04/25/14 08:40 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		04/30/14 13:07	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:07	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 13:07	74-97-5	
Bromodichloromethane	**2.7**	ug/L	1.0	0.50	1		04/30/14 13:07	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 13:07	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 13:07	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:07	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:07	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 13:07	75-00-3	
Chloroform	**10.3**	ug/L	5.0	2.5	1		04/30/14 13:07	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 13:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:07	96-12-8	
Dibromochloromethane	**4.6**	ug/L	1.0	0.32	1		04/30/14 13:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:07	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-9 **Lab ID: 4095310002** Collected: 04/23/14 10:35 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 13:07	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:07	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:07	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:07	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 13:07	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 13:07	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 13:07	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:07	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 13:07	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 13:07	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 13:07	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:07	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 13:07	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 13:07	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 13:07	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:07	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:07	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 13:07	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 13:07	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 13:07	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 13:07	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:07	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:07	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 13:07	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:07	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:07	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 13:07	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	59-130		1		04/30/14 13:07	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		04/30/14 13:07	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/30/14 13:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: PZ-1 **Lab ID: 4095310003** Collected: 04/23/14 11:20 Received: 04/25/14 08:40 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		04/30/14 13:30	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:30	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 13:30	74-97-5	
Bromodichloromethane	**2.5**	ug/L	1.0	0.50	1		04/30/14 13:30	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 13:30	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 13:30	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:30	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:30	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 13:30	75-00-3	
Chloroform	**8.0**	ug/L	5.0	2.5	1		04/30/14 13:30	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 13:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:30	96-12-8	
Dibromochloromethane	**4.7**	ug/L	1.0	0.32	1		04/30/14 13:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:30	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 13:30	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:30	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:30	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:30	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 13:30	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 13:30	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 13:30	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:30	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 13:30	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 13:30	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 13:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:30	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 13:30	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 13:30	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 13:30	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:30	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:30	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 13:30	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 13:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:30	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: PZ-1 **Lab ID: 4095310003** Collected: 04/23/14 11:20 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 13:30	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 13:30	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:30	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:30	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 13:30	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:30	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:30	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 13:30	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	59-130		1		04/30/14 13:30	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		04/30/14 13:30	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/30/14 13:30	2037-26-5	

Sample: MW-5 **Lab ID: 4095310004** Collected: 04/23/14 11:50 Received: 04/25/14 08:40 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		04/30/14 13:52	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:52	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 13:52	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 13:52	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 13:52	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:52	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:52	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 13:52	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 13:52	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 13:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:52	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 13:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:52	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-5 **Lab ID: 4095310004** Collected: 04/23/14 11:50 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 13:52	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:52	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:52	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:52	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 13:52	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 13:52	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 13:52	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:52	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 13:52	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 13:52	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 13:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:52	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 13:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 13:52	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 13:52	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 13:52	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:52	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 13:52	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 13:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 13:52	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 13:52	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 13:52	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 13:52	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 13:52	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 13:52	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 13:52	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 13:52	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 13:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	59-130		1		04/30/14 13:52	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		04/30/14 13:52	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/30/14 13:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-4 **Lab ID: 4095310005** Collected: 04/23/14 12:35 Received: 04/25/14 08:40 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		04/30/14 14:15	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:15	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 14:15	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 14:15	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 14:15	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 14:15	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 14:15	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 14:15	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 14:15	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 14:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 14:15	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 14:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:15	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 14:15	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:15	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:15	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 14:15	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 14:15	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 14:15	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 14:15	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:15	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 14:15	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 14:15	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 14:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:15	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 14:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 14:15	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 14:15	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:15	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 14:15	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 14:15	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 14:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 14:15	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-4 **Lab ID: 4095310005** Collected: 04/23/14 12:35 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 14:15	79-34-5	
Tetrachloroethene	**1.8**	ug/L	1.0	0.50	1		04/30/14 14:15	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 14:15	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 14:15	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:15	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 14:15	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 14:15	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 14:15	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 14:15	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	59-130		1		04/30/14 14:15	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		04/30/14 14:15	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/30/14 14:15	2037-26-5	

Sample: MW-10 **Lab ID: 4095310006** Collected: 04/23/14 13:15 Received: 04/25/14 08:40 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		04/30/14 14:38	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:38	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 14:38	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 14:38	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 14:38	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 14:38	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 14:38	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 14:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 14:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 14:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 14:38	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 14:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:38	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-10 **Lab ID: 4095310006** Collected: 04/23/14 13:15 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 14:38	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:38	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:38	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 14:38	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 14:38	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 14:38	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 14:38	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:38	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 14:38	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 14:38	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 14:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:38	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 14:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 14:38	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 14:38	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 14:38	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 14:38	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 14:38	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 14:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 14:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 14:38	79-34-5	
Tetrachloroethene	**5.0**	ug/L	1.0	0.50	1		04/30/14 14:38	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 14:38	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 14:38	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 14:38	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 14:38	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 14:38	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 14:38	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 14:38	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 14:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	59-130		1		04/30/14 14:38	460-00-4	
Dibromofluoromethane (S)	116	%	70-130		1		04/30/14 14:38	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/30/14 14:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-11 **Lab ID: 4095310007** Collected: 04/23/14 14:05 Received: 04/25/14 08:40 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		04/30/14 15:01	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:01	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 15:01	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 15:01	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 15:01	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:01	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:01	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 15:01	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 15:01	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 15:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:01	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 15:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:01	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 15:01	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:01	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:01	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:01	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 15:01	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 15:01	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 15:01	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:01	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 15:01	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 15:01	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 15:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:01	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 15:01	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 15:01	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 15:01	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:01	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:01	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 15:01	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 15:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:01	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-11 **Lab ID: 4095310007** Collected: 04/23/14 14:05 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 15:01	79-34-5	
Tetrachloroethene	**9.0**	ug/L	1.0	0.50	1		04/30/14 15:01	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 15:01	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:01	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:01	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 15:01	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:01	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:01	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 15:01	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	59-130		1		04/30/14 15:01	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		04/30/14 15:01	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/30/14 15:01	2037-26-5	

Sample: MW-3 **Lab ID: 4095310008** Collected: 04/23/14 14:55 Received: 04/25/14 08:40 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		04/30/14 15:24	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:24	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 15:24	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 15:24	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 15:24	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:24	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:24	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 15:24	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 15:24	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 15:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:24	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 15:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:24	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-3 **Lab ID: 4095310008** Collected: 04/23/14 14:55 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 15:24	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:24	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:24	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:24	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 15:24	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 15:24	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 15:24	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:24	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 15:24	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 15:24	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 15:24	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:24	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 15:24	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 15:24	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 15:24	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:24	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:24	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 15:24	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 15:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 15:24	79-34-5	
Tetrachloroethene	**1.7**	ug/L	1.0	0.50	1		04/30/14 15:24	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 15:24	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:24	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:24	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 15:24	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:24	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:24	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 15:24	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	59-130		1		04/30/14 15:24	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		04/30/14 15:24	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/30/14 15:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-2 **Lab ID: 4095310009** Collected: 04/23/14 15:50 Received: 04/25/14 08:40 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		04/30/14 15:46	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:46	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 15:46	74-97-5	
Bromodichloromethane	**0.69J**	ug/L	1.0	0.50	1		04/30/14 15:46	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 15:46	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 15:46	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:46	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:46	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 15:46	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 15:46	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:46	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 15:46	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:46	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 15:46	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:46	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:46	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:46	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 15:46	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 15:46	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 15:46	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:46	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 15:46	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 15:46	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 15:46	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:46	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 15:46	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 15:46	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 15:46	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 15:46	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:46	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 15:46	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 15:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:46	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: MW-2 **Lab ID: 4095310009** Collected: 04/23/14 15:50 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 15:46	79-34-5	
Tetrachloroethene	**4.8**	ug/L	1.0	0.50	1		04/30/14 15:46	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 15:46	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 15:46	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 15:46	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 15:46	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 15:46	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 15:46	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 15:46	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 15:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	59-130		1		04/30/14 15:46	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		04/30/14 15:46	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/30/14 15:46	2037-26-5	

Sample: DUP **Lab ID: 4095310010** Collected: 04/23/14 15:55 Received: 04/25/14 08:40 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		04/30/14 16:09	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:09	108-86-1	
Bromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 16:09	74-97-5	
Bromodichloromethane	**0.56J**	ug/L	1.0	0.50	1		04/30/14 16:09	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/30/14 16:09	74-83-9	
n-Butylbenzene	**<0.22**	ug/L	1.0	0.22	1		04/30/14 16:09	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 16:09	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/30/14 16:09	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/30/14 16:09	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/30/14 16:09	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/30/14 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/30/14 16:09	96-12-8	
Dibromochloromethane	**<0.32**	ug/L	1.0	0.32	1		04/30/14 16:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:09	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Sample: DUP **Lab ID: 4095310010** Collected: 04/23/14 15:55 Received: 04/25/14 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/30/14 16:09	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	106-46-7	
Dichlorodifluoromethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:09	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:09	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 16:09	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/30/14 16:09	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/30/14 16:09	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		04/30/14 16:09	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:09	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/30/14 16:09	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/30/14 16:09	563-58-6	
cis-1,3-Dichloropropene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 16:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:09	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 16:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.12**	ug/L	1.0	0.12	1		04/30/14 16:09	98-82-8	
p-Isopropyltoluene	**<0.13**	ug/L	1.0	0.13	1		04/30/14 16:09	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/30/14 16:09	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/30/14 16:09	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/30/14 16:09	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	103-65-1	
Styrene	**<0.15**	ug/L	1.0	0.15	1		04/30/14 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/30/14 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		04/30/14 16:09	79-34-5	
Tetrachloroethene	**4.3**	ug/L	1.0	0.50	1		04/30/14 16:09	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/30/14 16:09	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/30/14 16:09	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		04/30/14 16:09	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/30/14 16:09	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		04/30/14 16:09	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/30/14 16:09	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		04/30/14 16:09	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		04/30/14 16:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	59-130		1		04/30/14 16:09	460-00-4	
Dibromofluoromethane (S)	117	%	70-130		1		04/30/14 16:09	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/30/14 16:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

QC Batch: MSV/23963 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4095310001, 4095310002, 4095310003, 4095310004, 4095310005, 4095310006, 4095310007, 4095310008, 4095310009, 4095310010

METHOD BLANK: 962306 Matrix: Water
Associated Lab Samples: 4095310001, 4095310002, 4095310003, 4095310004, 4095310005, 4095310006, 4095310007, 4095310008, 4095310009, 4095310010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	04/30/14 07:24	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	04/30/14 07:24	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	04/30/14 07:24	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	04/30/14 07:24	
1,1-Dichloroethane	ug/L	<0.16	1.0	04/30/14 07:24	
1,1-Dichloroethene	ug/L	<0.41	1.0	04/30/14 07:24	
1,1-Dichloropropene	ug/L	<0.44	1.0	04/30/14 07:24	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	04/30/14 07:24	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	04/30/14 07:24	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	04/30/14 07:24	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	04/30/14 07:24	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	04/30/14 07:24	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	04/30/14 07:24	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	04/30/14 07:24	
1,2-Dichloroethane	ug/L	<0.17	1.0	04/30/14 07:24	
1,2-Dichloropropane	ug/L	<0.23	1.0	04/30/14 07:24	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	04/30/14 07:24	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	04/30/14 07:24	
1,3-Dichloropropane	ug/L	<0.50	1.0	04/30/14 07:24	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	04/30/14 07:24	
2,2-Dichloropropane	ug/L	<0.48	1.0	04/30/14 07:24	
2-Chlorotoluene	ug/L	<0.50	1.0	04/30/14 07:24	
4-Chlorotoluene	ug/L	<0.21	1.0	04/30/14 07:24	
Benzene	ug/L	<0.50	1.0	04/30/14 07:24	
Bromobenzene	ug/L	<0.23	1.0	04/30/14 07:24	
Bromochloromethane	ug/L	<0.32	1.0	04/30/14 07:24	
Bromodichloromethane	ug/L	<0.50	1.0	04/30/14 07:24	
Bromoform	ug/L	<0.50	1.0	04/30/14 07:24	
Bromomethane	ug/L	<2.4	5.0	04/30/14 07:24	
Carbon tetrachloride	ug/L	<0.50	1.0	04/30/14 07:24	
Chlorobenzene	ug/L	<0.50	1.0	04/30/14 07:24	
Chloroethane	ug/L	<0.37	1.0	04/30/14 07:24	
Chloroform	ug/L	<2.5	5.0	04/30/14 07:24	
Chloromethane	ug/L	<0.50	1.0	04/30/14 07:24	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	04/30/14 07:24	
cis-1,3-Dichloropropene	ug/L	<0.15	1.0	04/30/14 07:24	
Dibromochloromethane	ug/L	<0.32	1.0	04/30/14 07:24	
Dibromomethane	ug/L	<0.43	1.0	04/30/14 07:24	
Dichlorodifluoromethane	ug/L	<0.16	1.0	04/30/14 07:24	
Diisopropyl ether	ug/L	<0.50	1.0	04/30/14 07:24	
Ethylbenzene	ug/L	<0.50	1.0	04/30/14 07:24	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

METHOD BLANK: 962306 Matrix: Water

Associated Lab Samples: 4095310001, 4095310002, 4095310003, 4095310004, 4095310005, 4095310006, 4095310007, 4095310008, 4095310009, 4095310010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	04/30/14 07:24	
Isopropylbenzene (Cumene)	ug/L	<0.12	1.0	04/30/14 07:24	
m&p-Xylene	ug/L	<1.0	2.0	04/30/14 07:24	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	04/30/14 07:24	
Methylene Chloride	ug/L	<0.23	1.0	04/30/14 07:24	
n-Butylbenzene	ug/L	<0.22	1.0	04/30/14 07:24	
n-Propylbenzene	ug/L	<0.50	1.0	04/30/14 07:24	
Naphthalene	ug/L	<2.5	5.0	04/30/14 07:24	
o-Xylene	ug/L	<0.50	1.0	04/30/14 07:24	
p-Isopropyltoluene	ug/L	<0.13	1.0	04/30/14 07:24	
sec-Butylbenzene	ug/L	<2.2	5.0	04/30/14 07:24	
Styrene	ug/L	<0.15	1.0	04/30/14 07:24	
tert-Butylbenzene	ug/L	<0.18	1.0	04/30/14 07:24	
Tetrachloroethene	ug/L	<0.50	1.0	04/30/14 07:24	
Toluene	ug/L	<0.50	1.0	04/30/14 07:24	
trans-1,2-Dichloroethene	ug/L	<0.24	1.0	04/30/14 07:24	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	04/30/14 07:24	
Trichloroethene	ug/L	<0.33	1.0	04/30/14 07:24	
Trichlorofluoromethane	ug/L	<0.17	1.0	04/30/14 07:24	
Vinyl chloride	ug/L	<0.18	1.0	04/30/14 07:24	
4-Bromofluorobenzene (S)	%	89	59-130	04/30/14 07:24	
Dibromofluoromethane (S)	%	108	70-130	04/30/14 07:24	
Toluene-d8 (S)	%	97	70-130	04/30/14 07:24	

LABORATORY CONTROL SAMPLE & LCSD: 962307 962308

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	54.4	106	109	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	49.6	98	99	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	53.2	53.8	106	108	70-130	1	20	
1,1-Dichloroethane	ug/L	50	50.9	52.8	102	106	70-130	4	20	
1,1-Dichloroethene	ug/L	50	53.2	51.0	106	102	70-132	4	20	
1,2,4-Trichlorobenzene	ug/L	50	50.2	52.9	100	106	70-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	50	41.8	43.2	84	86	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	54.4	105	109	70-130	4	20	
1,2-Dichlorobenzene	ug/L	50	53.5	55.4	107	111	70-130	4	20	
1,2-Dichloroethane	ug/L	50	51.6	52.4	103	105	70-130	1	20	
1,2-Dichloropropane	ug/L	50	57.0	58.8	114	118	70-130	3	20	
1,3-Dichlorobenzene	ug/L	50	52.3	54.4	105	109	70-130	4	20	
1,4-Dichlorobenzene	ug/L	50	54.1	55.8	108	112	70-130	3	20	
Benzene	ug/L	50	53.3	54.6	107	109	70-130	2	20	
Bromodichloromethane	ug/L	50	54.5	56.2	109	112	70-130	3	20	
Bromoform	ug/L	50	46.6	47.4	93	95	70-130	2	20	
Bromomethane	ug/L	50	49.4	51.0	99	102	34-157	3	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

LABORATORY CONTROL SAMPLE & LCSD: 962307 962308

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	59.3	61.5	119	123	70-132	4	20	
Chlorobenzene	ug/L	50	54.9	56.1	110	112	70-130	2	20	
Chloroethane	ug/L	50	51.7	50.6	103	101	60-143	2	20	
Chloroform	ug/L	50	51.7	53.1	103	106	70-130	3	20	
Chloromethane	ug/L	50	47.0	47.6	94	95	43-148	1	20	
cis-1,2-Dichloroethene	ug/L	50	49.8	51.5	100	103	51-133	3	20	
cis-1,3-Dichloropropene	ug/L	50	46.5	48.1	93	96	70-130	3	20	
Dibromochloromethane	ug/L	50	48.4	49.1	97	98	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	38.0	39.2	76	78	10-174	3	20	
Ethylbenzene	ug/L	50	56.0	57.2	112	114	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	57.7	59.2	115	118	70-136	3	20	
m&p-Xylene	ug/L	100	114	117	114	117	70-131	3	20	
Methyl-tert-butyl ether	ug/L	50	40.2	41.5	80	83	54-139	3	20	
Methylene Chloride	ug/L	50	52.3	52.9	105	106	70-130	1	20	
o-Xylene	ug/L	50	56.4	57.2	113	114	70-130	1	20	
Styrene	ug/L	50	57.9	59.2	116	118	70-130	2	20	
Tetrachloroethene	ug/L	50	54.6	55.0	109	110	70-130	1	20	
Toluene	ug/L	50	55.4	56.5	111	113	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	50	51.6	51.2	103	102	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	46.2	47.6	92	95	70-130	3	20	
Trichloroethene	ug/L	50	56.8	57.1	114	114	70-130	0	20	
Trichlorofluoromethane	ug/L	50	52.1	52.6	104	105	50-150	1	20	
Vinyl chloride	ug/L	50	48.1	49.3	96	99	59-157	3	20	
4-Bromofluorobenzene (S)	%				99	100	59-130			
Dibromofluoromethane (S)	%				100	99	70-130			
Toluene-d8 (S)	%				101	100	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 962600 962601

Parameter	Units	4095321016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	52.5	51.7	105	103	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	50.5	49.3	101	99	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	52.1	51.0	104	102	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.16	50	50	51.0	53.1	102	106	70-130	4	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	48.5	49.6	97	99	70-138	2	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	50.6	50.0	101	100	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	43.6	41.6	87	83	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	52.7	51.3	105	103	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	53.0	52.3	106	105	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	51.3	50.6	103	101	70-130	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	56.1	55.2	112	110	70-130	2	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.4	51.1	103	102	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.2	53.2	106	106	70-130	0	20	
Benzene	ug/L	<0.50	50	50	51.9	52.3	104	105	70-130	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	53.4	52.9	107	106	70-130	1	20	
Bromoform	ug/L	<0.50	50	50	46.3	43.2	93	86	70-130	7	20	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 962600 962601

Parameter	Units	4095321016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromomethane	ug/L	<2.4	50	50	49.4	49.8	99	100	34-159	1	20	
Carbon tetrachloride	ug/L	<0.50	50	50	59.1	58.0	118	116	70-132	2	20	
Chlorobenzene	ug/L	<0.50	50	50	53.8	52.9	108	106	70-130	2	20	
Chloroethane	ug/L	<0.37	50	50	48.2	47.6	96	95	60-143	1	20	
Chloroform	ug/L	<2.5	50	50	51.8	52.1	101	102	70-130	1	20	
Chloromethane	ug/L	<0.50	50	50	44.0	44.4	88	89	43-149	1	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	49.2	49.1	98	98	48-137	0	33	
cis-1,3-Dichloropropene	ug/L	<0.15	50	50	46.3	44.5	93	89	70-130	4	20	
Dibromochloromethane	ug/L	<0.32	50	50	48.2	46.3	96	93	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.16	50	50	34.5	34.3	69	69	10-174	0	20	
Ethylbenzene	ug/L	<0.50	50	50	54.5	53.7	109	107	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.12	50	50	56.3	55.7	113	111	70-136	1	20	
m&p-Xylene	ug/L	<1.0	100	100	110	110	110	110	70-135	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	41.3	41.1	83	82	54-139	1	20	
Methylene Chloride	ug/L	<0.23	50	50	51.2	50.7	102	101	70-133	1	20	
o-Xylene	ug/L	<0.50	50	50	54.9	54.4	110	109	70-130	1	20	
Styrene	ug/L	<0.15	50	50	52.9	54.2	106	108	70-130	2	20	
Tetrachloroethene	ug/L	<0.50	50	50	53.3	52.4	107	105	70-130	2	20	
Toluene	ug/L	<0.50	50	50	53.8	52.8	108	106	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.24	50	50	50.0	50.1	100	100	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	45.6	44.0	91	88	70-130	4	20	
Trichloroethene	ug/L	<0.33	50	50	55.0	54.6	110	109	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	49.7	49.6	99	99	50-150	0	20	
Vinyl chloride	ug/L	<0.18	50	50	45.9	46.2	92	92	59-158	1	20	
4-Bromofluorobenzene (S)	%						102	100	59-130			
Dibromofluoromethane (S)	%						101	100	70-130			
Toluene-d8 (S)	%						100	99	70-130			

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 4095310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4095310001	**TRIP BLANK**	EPA 8260	MSV/23963		
4095310002	**MW-9**	EPA 8260	MSV/23963		
4095310003	**PZ-1**	EPA 8260	MSV/23963		
4095310004	**MW-5**	EPA 8260	MSV/23963		
4095310005	**MW-4**	EPA 8260	MSV/23963		
4095310006	**MW-10**	EPA 8260	MSV/23963		
4095310007	**MW-11**	EPA 8260	MSV/23963		
4095310008	**MW-3**	EPA 8260	MSV/23963		
4095310009	**MW-2**	EPA 8260	MSV/23963		
4095310010	**DUP**	EPA 8260	MSV/23963		

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

4095310

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:	AECOM
Branch/Location:	STEVENS POINT
Project Contact:	KYLE WAGONER
Phone:	715-342-3038
Project Number:	60135040
Project Name:	FORMER NORRINGTON
Project State:	WI
Sampled By (Print):	PHIL EAGAN
Sampled By (Sign):	Phil Eagan
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	KYLE WAGONER
Mail To Company:	AECOM
Mail To Address:	200 INDIANA AVE STEVENS POINT, WI 54481
Invoice To Contact:	SAME
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 (8260) VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	TRIP BLANK	4/23/14	10:00	—	N	B	X		2-40mlVB	
002	MW-9		10:35	GW			X		3-40mlVB	
003	PZ-1		11:20				X			
004	MW-5		11:50				X			
005	MW-4		12:35				X			
006	MW-10		13:15				X			
007	MW-11		14:05				X			
008	MW-3		14:55				X			
009	MW-2		15:50				X			
010	DUP		15:55				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:
Phil Eagan	4/24/14 12:00		
Walco	4/25/14 0840		
		Allen	4/25/14 0840

PACE Project No. 4095310

Receipt Temp = 2.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Project # **WO# : 4095310**

4095310

Client Name: Aecom

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

Tracking #: 542195

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: 20.1 /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 4/25/14
Initials: DG

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: 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, WIDRO, 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): Cover sent				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 4/25/14

AECOM

July 2014
Sampling Event Documents

AECOM

Well Purging and Sample Collection

Well No. MW-1

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND S @ 5, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 16.30 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 10:47 Stop Time 11:15 Volume 3.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 19.6 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 11:20 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:55	6.37	13.09	6.23	1067	127.5	SLIGHT	LT. BROWN	NONE
11:00	6.37	13.07	6.02	1152	130.7	NONE	CLEAR	NONE
11:05	5.85	12.96	5.89	1196	132.2	NONE	CLEAR	NONE
11:10	5.61	13.01	5.81	1216	133.5	NONE	CLEAR	NONE
11:15	5.44	13.08	5.79	1226	134.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By [signature] Title HYDROGEOLOGIST Date 7/24/14

AECOM

Well Purging and Sample Collection

Well No. MW-2

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND CALM 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 18.42 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:20 Stop Time 13:40 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 26.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 13:45 Sample Field Filtered? __ Yes X No Time Filtered ~~13:50~~

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? X Yes __ No Time 13:50

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
13:25	10.56	12.44	6.56	3419	137.0	NONE	CLEAR	NONE
13:30	9.71	12.45	6.62	3430	128.8	NONE	CLEAR	NONE
13:35	9.57	12.14	6.58	3530	120.8	NONE	CLEAR	NONE
13:40	9.48	12.05	6.58	3534	116.2	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/24/14

AECOM

Well Purging and Sample Collection

Well No. MW-3

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND S @ 5, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 16.99 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 12:27 Stop Time 12:50 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 12:55 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
12:35	2.11	12.05	6.52	1890	124.4	NONE	CLEAR	NONE
12:40	3.34	12.18	6.40	1714	117.6	NONE	CLEAR	NONE
12:45	3.52	12.33	6.40	1724	113.2	NONE	CLEAR	NONE
12:50	3.56	12.32	6.42	1735	108.8	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/24/14

AECOM

Well Purging and Sample Collection

Well No. MW-4

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CDY, WIND NE@10, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.23 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 13:37 Stop Time 14:00 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP. DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 14:05 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
13:45	6.74	12.20	6.69	2281	140.0	NONE	CLEAR	NONE
13:50	6.74	11.99	6.38	2251	138.3	NONE	CLEAR	NONE
13:55	6.65	12.12	6.27	2237	137.4	NONE	CLEAR	NONE
14:00	6.76	12.29	6.24	2234	134.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-5

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND N @ 10, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.47 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 12:48 Stop Time 13:10 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 13:15 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations								
Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
12:55	8.38	13.00	6.69	2851	110.5	NONE	CLEAR	NONE
13:00	8.24	12.44	6.63	2970	110.6	NONE	CLEAR	NONE
13:05	8.10	12.49	6.59	2872	109.3	NONE	CLEAR	NONE
13:10	8.05	12.62	6.65	2877	107.5	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-6

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR WIND S @ 5, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.37 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 9:55 Stop Time 10:20 Volume 3.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 26.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 10:25 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:00	9.66	13.10	6.80	2062	103.9	NONE	CLEAR	NONE
10:05	9.10	12.88	6.92	2057	96.7	NONE	CLEAR	NONE
10:10	8.92	12.83	7.03	2037	90.7	NONE	CLEAR	NONE
10:15	8.80	12.85	7.07	2051	86.0	NONE	CLEAR	NONE
10:20	8.80	12.75	7.15	2054	83.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/29/14

AECOM

Well Purging and Sample Collection

Well No. MW-8

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND NW 5, 70°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.47 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 10:05 Stop Time 10:25 Volume 20 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 10:30 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations								
Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:10	7.40	10.86	7.17	2274	64.2	NONE	CLEAR	NONE
10:15	7.00	10.13	6.77	2028	87.7	NONE	CLEAR	NONE
10:20	6.98	10.13	6.75	1997	87.0	NONE	CLEAR	NONE
10:25	6.86	10.18	6.76	1997	86.7			

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-9

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND CALM 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 16.86 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 10:45 Stop Time 11:05 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 11:10 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
10:50	7.47	11.90	6.80	1369	87.9	NONE	CLEAR	NONE
10:55	7.41	11.59	6.76	1288	88.2	NONE	CLEAR	NONE
11:00	7.26	11.81	6.75	1275	88.1	NONE	CLEAR	NONE
11:05	7.15	11.98	6.62	1272	89.0	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-10

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND N @ 10, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.27 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 14:18 Stop Time 14:40 Volume 3.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 14:45 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
14:25	8.82	12.50	6.71	2380	127.2	NONE	CLEAR	NONE
14:30	8.57	12.49	6.59	2348	124.5	NONE	CLEAR	NONE
14:35	8.30	12.84	6.50	2304	122.1	NONE	CLEAR	NONE
14:40	8.28	12.73	6.47	2300	118.9	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-11

Site Name FORMER NORRINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) CLR, WIND S @ 5, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 16.70 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 11:40 Stop Time 12:00 Volume 2.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ____ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 12:05 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
11:45	6.90	12.21	6.39	1235	131.4	NONE	CLEAR	NONE
11:50	6.73	12.09	6.27	1221	127.6	NONE	CLEAR	NONE
11:55	6.58	12.06	6.22	1206	126.6	NONE	CLEAR	NONE
12:00	6.57	12.10	6.21	1197	121.4	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/24/14

AECOM

Well Purging and Sample Collection

Well No. MW-12

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND N @ 10, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 16.88 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 15:02 Stop Time 15:25 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: __ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 15:30 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
15:10	8.45	12.88	6.65	929	127.3	NONE	CLEAR	NONE
15:15	8.46	12.54	6.51	936	126.6	NONE	CLEAR	NONE
15:20	8.34	12.52	6.50	940	123.1	NONE	CLEAR	NONE
15:25	8.15	12.66	6.49	943	121.3	NONE	CLEAR	NONE

Comments: ____

Form Completed By [signature] Title HYDROGEOLOGIST Date 7/23/14

AECOM

Well Purging and Sample Collection

Well No. MW-13

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WIND NW @ 5, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 16.62 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12 V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 11:25 Stop Time 11:50 Volume 3.0 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12 V. PERISTALTIC PUMP. DISPOSABLE TUBING

Sampler Intake Depth 25.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 11:55 Sample Field Filtered? _ Yes X No Time Filtered ____

Field Blank Collected? _ Yes X No Time ____ Duplicate Sample Collected? _ Yes X No Time ____

Field Measurements and Observations								
Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
11:30	7.68	13.14	6.77	3054	112.5	NONE	CLEAR	NONE
11:35	7.33	12.85	6.81	3043	110.2	NONE	CLEAR	NONE
11:40	7.30	12.63	6.75	3042	108.2	NONE	CLEAR	NONE
11:45	7.11	12.60	6.70	3023	106.6	NONE	CLEAR	NONE
11:50	7.05	12.55	6.69	2995	105.0	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/23/14

AECOM

Well Purging and Sample Collection

Well No. PZ-1

Site Name FORMER NORMINGTON DRY CLEANERS AECOM Job ID No. 60135040

Site Location STEVENS POINT, WI

Weather Today and Past Weeks (precipitation) PC, WINDS NW @ 5, 75°

Person(s) Sampling PHIL EAGAN

Purge Volume Calculations

For 2 inch diameter, 40 schedule casing:

(DTB - DTW).70 gallons = Four Well Volumes

____ - 17.35 = ____ feet x .70 = ____ gallons

Alternative Calculation:

Purging Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Purge Start Time 12:15 Stop Time 12:35 Volume 2.5 gallons Average Purge Flow Rate ____

Did Well Purge Dry: ___ Yes X No Comments? ____

Sampling Method 12V. PERISTALTIC PUMP, DISPOSABLE TUBING

Sampler Intake Depth 36.0 feet Average Sample Flow Rate ____ gpm

Time Lab Sample Collected 12:40 Sample Field Filtered? __ Yes X No Time Filtered ____

Field Blank Collected? __ Yes X No Time ____ Duplicate Sample Collected? __ Yes X No Time ____

Field Measurements and Observations

Time	DO (mg/l/1)	Temp (°C)	pH	Cond (µMhos/cm)	ORP (mv)	Turbidity (NTUs) or Description	Color Description	Odor Description
12:20	6.56	12.91	6.63	5208	137.7	NONE	CLEAR	NONE
12:25	6.23	12.64	6.35	5268	137.8	NONE	CLEAR	NONE
12:30	6.21	12.45	6.24	5259	136.5	NONE	CLEAR	NONE
12:35	6.15	12.36	6.18	5251	135.7	NONE	CLEAR	NONE

Comments: ____

Form Completed By Phil Eagan Title HYDROGEOLOGIST Date 7/23/14

RIB MOUNTAIN
METROPOLITAN SEWERAGE DISTRICT
2001 ASTER ROAD
WAUSAU, WI 54401
715-359-7852 • FAX 715-359-3446
rmmsd@frontier.com
Doing our part for the Wisconsin River.

MANAGER-SUPERINTENDENT:
KEN T. JOHNSON

Vendor #60135040
PO# N/A
Normington

August 7, 2014

AECOM TECHNICAL SERVICES, INC.
Attention: Accounts Payable
P.O. Box 5604
Glen Allen, VA 23058-5604

MONITORING WELL	July Use	70 GALLONS =	$50.00
AMOUNT DUE			$50.00

Past due accounts are subject to a late payment charge of 1.5% per month.

8/14/2014

FORMER NORMINGTON DRY CLEANERS -
WASTE WATER DISPOSAL
FOR JULY 2014 GW MONIT'G
AECOM #60135040, TASK 02.04

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

July 31, 2014

KYLE WAGONER
AECOM, Inc. - STEVENS POINT
200 INDIANA AVE
Stevens Point, WI 54481

RE: Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Dear KYLE WAGONER:
Enclosed are the analytical results for sample(s) received by the laboratory on July 26, 2014. 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,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North 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: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40100420001	**TRIP BLANK**	Water	07/23/14 09:30	07/26/14 09:00
40100420002	**MW-8**	Water	07/23/14 10:30	07/26/14 09:00
40100420003	**MW-9**	Water	07/23/14 11:10	07/26/14 09:00
40100420004	**MW-13**	Water	07/23/14 11:55	07/26/14 09:00
40100420005	**PZ-1**	Water	07/23/14 12:40	07/26/14 09:00
40100420006	**MW-5**	Water	07/23/14 13:15	07/26/14 09:00
40100420007	**MW-4**	Water	07/23/14 14:05	07/26/14 09:00
40100420008	**MW-10**	Water	07/23/14 14:45	07/26/14 09:00
40100420009	**MW-12**	Water	07/23/14 15:30	07/26/14 09:00
40100420010	**MW-6**	Water	07/24/14 10:25	07/26/14 09:00
40100420011	**MW-1**	Water	07/24/14 11:20	07/26/14 09:00
40100420012	**MW-11**	Water	07/24/14 12:05	07/26/14 09:00
40100420013	**MW-3**	Water	07/24/14 12:55	07/26/14 09:00
40100420014	**MW-2**	Water	07/24/14 13:45	07/26/14 09:00
40100420015	**MW-2 DUP**	Water	07/24/14 13:50	07/26/14 09:00

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SAMPLE ANALYTE COUNT

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40100420001	**TRIP BLANK**	EPA 8260	HNW	64	PASI-G
40100420002	**MW-8**	EPA 8260	HNW	64	PASI-G
40100420003	**MW-9**	EPA 8260	HNW	64	PASI-G
40100420004	**MW-13**	EPA 8260	HNW	64	PASI-G
40100420005	**PZ-1**	EPA 8260	HNW	64	PASI-G
40100420006	**MW-5**	EPA 8260	LAP	64	PASI-G
40100420007	**MW-4**	EPA 8260	LAP	64	PASI-G
40100420008	**MW-10**	EPA 8260	LAP	64	PASI-G
40100420009	**MW-12**	EPA 8260	LAP	64	PASI-G
40100420010	**MW-6**	EPA 8260	LAP	64	PASI-G
40100420011	**MW-1**	EPA 8260	LAP	64	PASI-G
40100420012	**MW-11**	EPA 8260	LAP	64	PASI-G
40100420013	**MW-3**	EPA 8260	LAP	64	PASI-G
40100420014	**MW-2**	EPA 8260	LAP	64	PASI-G
40100420015	**MW-2 DUP**	EPA 8260	LAP	64	PASI-G

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PROJECT NARRATIVE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Method: **EPA 8260**
Description: 8260 MSV
Client: AECOM, Inc. - STEVENS POINT
Date: July 31, 2014

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

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

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

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

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

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

Method Blank:
All analytes were below the report limit in the method blank, 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/25123

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40100261001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1014012)
  - cis-1,2-Dichloroethene
- MSD (Lab ID: 1014013)
  - Styrene
  - cis-1,2-Dichloroethene

Additional Comments:

Analyte Comments:

QC Batch: MSV/25123

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MS (Lab ID: 1014012)
  - cis-1,2-Dichloroethene

Pace Analytical Services, Inc.
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PROJECT NARRATIVE

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Method: **EPA 8260**
Description: 8260 MSV
Client: AECOM, Inc. - STEVENS POINT
Date: July 31, 2014

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: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: TRIP BLANK **Lab ID: 40100420001** Collected: 07/23/14 09:30 Received: 07/26/14 09:00 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		07/29/14 15:58	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:58	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 15:58	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 15:58	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:58	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:58	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 15:58	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 15:58	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 15:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:58	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 15:58	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 15:58	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 15:58	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 15:58	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:58	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 15:58	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 15:58	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 15:58	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:58	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 15:58	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 15:58	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:58	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 15:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 15:58	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:58	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:58	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 15:58	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:58	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: TRIP BLANK **Lab ID: 40100420001** Collected: 07/23/14 09:30 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 15:58	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 15:58	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:58	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 15:58	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 15:58	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:58	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:58	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 15:58	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	59-130		1		07/29/14 15:58	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/29/14 15:58	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/29/14 15:58	2037-26-5	

Sample: MW-8 **Lab ID: 40100420002** Collected: 07/23/14 10:30 Received: 07/26/14 09:00 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		07/29/14 14:28	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:28	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 14:28	74-97-5	
Bromodichloromethane	**2.4**	ug/L	1.0	0.50	1		07/29/14 14:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 14:28	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 14:28	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 14:28	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 14:28	75-00-3	
Chloroform	**6.4**	ug/L	5.0	2.5	1		07/29/14 14:28	67-66-3	
Chloromethane	**0.73J**	ug/L	1.0	0.50	1		07/29/14 14:28	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 14:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 14:28	96-12-8	
Dibromochloromethane	**5.4**	ug/L	1.0	0.50	1		07/29/14 14:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 14:28	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-8 **Lab ID: 40100420002** Collected: 07/23/14 10:30 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 14:28	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 14:28	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 14:28	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 14:28	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 14:28	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 14:28	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 14:28	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:28	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 14:28	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 14:28	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:28	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 14:28	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 14:28	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:28	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 14:28	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 14:28	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 14:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 14:28	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 14:28	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 14:28	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 14:28	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 14:28	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 14:28	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 14:28	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 14:28	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	59-130		1		07/29/14 14:28	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/29/14 14:28	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/29/14 14:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-9 **Lab ID: 40100420003** Collected: 07/23/14 11:10 Received: 07/26/14 09:00 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		07/29/14 14:51	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:51	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 14:51	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 14:51	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 14:51	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 14:51	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 14:51	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 14:51	67-66-3	
Chloromethane	**0.92J**	ug/L	1.0	0.50	1		07/29/14 14:51	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 14:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 14:51	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 14:51	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 14:51	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 14:51	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 14:51	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 14:51	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 14:51	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 14:51	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 14:51	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:51	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 14:51	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 14:51	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:51	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 14:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 14:51	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 14:51	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 14:51	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 14:51	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 14:51	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-9 **Lab ID: 40100420003** Collected: 07/23/14 11:10 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 14:51	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 14:51	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 14:51	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 14:51	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 14:51	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 14:51	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 14:51	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 14:51	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 14:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	59-130		1		07/29/14 14:51	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/29/14 14:51	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/29/14 14:51	2037-26-5	

Sample: MW-13 **Lab ID: 40100420004** Collected: 07/23/14 11:55 Received: 07/26/14 09:00 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		07/29/14 15:13	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:13	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 15:13	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 15:13	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:13	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:13	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 15:13	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 15:13	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 15:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:13	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 15:13	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-13 **Lab ID: 40100420004** Collected: 07/23/14 11:55 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 15:13	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 15:13	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 15:13	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:13	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 15:13	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 15:13	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 15:13	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:13	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 15:13	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 15:13	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:13	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 15:13	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 15:13	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:13	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:13	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 15:13	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:13	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 15:13	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 15:13	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:13	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 15:13	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 15:13	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:13	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:13	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 15:13	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	59-130		1		07/29/14 15:13	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		07/29/14 15:13	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/29/14 15:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: PZ-1 **Lab ID: 40100420005** Collected: 07/23/14 12:40 Received: 07/26/14 09:00 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		07/29/14 15:35	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:35	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 15:35	74-97-5	
Bromodichloromethane	**0.70J**	ug/L	1.0	0.50	1		07/29/14 15:35	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 15:35	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:35	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:35	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 15:35	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 15:35	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 15:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:35	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 15:35	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 15:35	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 15:35	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 15:35	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:35	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 15:35	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 15:35	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 15:35	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:35	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 15:35	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 15:35	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:35	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 15:35	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 15:35	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 15:35	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:35	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 15:35	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:35	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: PZ-1 **Lab ID: 40100420005** Collected: 07/23/14 12:40 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 15:35	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 15:35	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 15:35	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 15:35	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 15:35	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 15:35	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 15:35	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 15:35	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 15:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	59-130		1		07/29/14 15:35	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/29/14 15:35	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		07/29/14 15:35	2037-26-5	

Sample: MW-5 **Lab ID: 40100420006** Collected: 07/23/14 13:15 Received: 07/26/14 09:00 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		07/29/14 21:11	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:11	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 21:11	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 21:11	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:11	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:11	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 21:11	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 21:11	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 21:11	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:11	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 21:11	106-93-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-5 **Lab ID: 40100420006** Collected: 07/23/14 13:15 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 21:11	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 21:11	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 21:11	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:11	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 21:11	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 21:11	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 21:11	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:11	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 21:11	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 21:11	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:11	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 21:11	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 21:11	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:11	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:11	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 21:11	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:11	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 21:11	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 21:11	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:11	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 21:11	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 21:11	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:11	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:11	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 21:11	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	59-130		1		07/29/14 21:11	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		07/29/14 21:11	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/29/14 21:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-4 **Lab ID: 40100420007** Collected: 07/23/14 14:05 Received: 07/26/14 09:00 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		07/29/14 20:48	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 20:48	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 20:48	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 20:48	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 20:48	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 20:48	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 20:48	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 20:48	67-66-3	
Chloromethane	**0.52J**	ug/L	1.0	0.50	1		07/29/14 20:48	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 20:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 20:48	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 20:48	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 20:48	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 20:48	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 20:48	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 20:48	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 20:48	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 20:48	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 20:48	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 20:48	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 20:48	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 20:48	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 20:48	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 20:48	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 20:48	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 20:48	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 20:48	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 20:48	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 20:48	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-4 **Lab ID: 40100420007** Collected: 07/23/14 14:05 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 20:48	79-34-5	
Tetrachloroethene	**3.8**	ug/L	1.0	0.50	1		07/29/14 20:48	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 20:48	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 20:48	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 20:48	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 20:48	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 20:48	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 20:48	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 20:48	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 20:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	59-130		1		07/29/14 20:48	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		07/29/14 20:48	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		07/29/14 20:48	2037-26-5	

Sample: MW-10 **Lab ID: 40100420008** Collected: 07/23/14 14:45 Received: 07/26/14 09:00 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		07/29/14 21:34	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:34	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 21:34	74-97-5	
Bromodichloromethane	**2.4**	ug/L	1.0	0.50	1		07/29/14 21:34	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 21:34	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:34	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:34	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 21:34	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 21:34	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 21:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:34	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 21:34	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-10 **Lab ID: 40100420008** Collected: 07/23/14 14:45 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 21:34	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 21:34	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 21:34	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:34	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 21:34	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 21:34	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 21:34	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:34	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 21:34	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 21:34	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:34	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 21:34	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 21:34	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:34	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:34	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 21:34	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 21:34	79-34-5	
Tetrachloroethene	**11.0**	ug/L	1.0	0.50	1		07/29/14 21:34	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 21:34	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:34	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 21:34	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 21:34	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:34	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:34	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 21:34	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	59-130		1		07/29/14 21:34	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		07/29/14 21:34	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		07/29/14 21:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-12 **Lab ID: 40100420009** Collected: 07/23/14 15:30 Received: 07/26/14 09:00 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		07/29/14 21:56	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:56	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 21:56	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 21:56	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:56	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:56	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 21:56	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 21:56	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 21:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:56	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 21:56	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 21:56	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 21:56	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 21:56	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:56	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 21:56	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 21:56	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 21:56	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:56	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 21:56	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 21:56	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:56	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 21:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 21:56	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 21:56	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:56	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 21:56	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:56	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-12 **Lab ID: 40100420009** Collected: 07/23/14 15:30 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 21:56	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 21:56	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 21:56	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 21:56	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 21:56	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 21:56	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 21:56	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 21:56	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 21:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	59-130		1		07/29/14 21:56	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		07/29/14 21:56	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/29/14 21:56	2037-26-5	

Sample: MW-6 **Lab ID: 40100420010** Collected: 07/24/14 10:25 Received: 07/26/14 09:00 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		07/29/14 22:19	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:19	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 22:19	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 22:19	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 22:19	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 22:19	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 22:19	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 22:19	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 22:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 22:19	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 22:19	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-6 **Lab ID: 40100420010** Collected: 07/24/14 10:25 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 22:19	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 22:19	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 22:19	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 22:19	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 22:19	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 22:19	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 22:19	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:19	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 22:19	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 22:19	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:19	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 22:19	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 22:19	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:19	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 22:19	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 22:19	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 22:19	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 22:19	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 22:19	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 22:19	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 22:19	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 22:19	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 22:19	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 22:19	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 22:19	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	59-130		1		07/29/14 22:19	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		07/29/14 22:19	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/29/14 22:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-1 **Lab ID: 40100420011** Collected: 07/24/14 11:20 Received: 07/26/14 09:00 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		07/29/14 22:42	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:42	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/29/14 22:42	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/29/14 22:42	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 22:42	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/29/14 22:42	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/29/14 22:42	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/29/14 22:42	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/29/14 22:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/29/14 22:42	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/29/14 22:42	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/29/14 22:42	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/29/14 22:42	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/29/14 22:42	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 22:42	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/14 22:42	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 22:42	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/29/14 22:42	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:42	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/29/14 22:42	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/29/14 22:42	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:42	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 22:42	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/29/14 22:42	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/29/14 22:42	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/29/14 22:42	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/29/14 22:42	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/29/14 22:42	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-1 **Lab ID: 40100420011** Collected: 07/24/14 11:20 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/29/14 22:42	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/29/14 22:42	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/29/14 22:42	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/29/14 22:42	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/29/14 22:42	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/29/14 22:42	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/29/14 22:42	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/29/14 22:42	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/29/14 22:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	59-130		1		07/29/14 22:42	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		07/29/14 22:42	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/29/14 22:42	2037-26-5	

Sample: MW-11 **Lab ID: 40100420012** Collected: 07/24/14 12:05 Received: 07/26/14 09:00 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		07/28/14 14:23	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:23	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/28/14 14:23	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/28/14 14:23	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 14:23	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/28/14 14:23	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/28/14 14:23	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/28/14 14:23	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/28/14 14:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/28/14 14:23	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/28/14 14:23	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-11 **Lab ID: 40100420012** Collected: 07/24/14 12:05 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/28/14 14:23	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/28/14 14:23	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/28/14 14:23	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 14:23	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/28/14 14:23	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 14:23	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 14:23	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:23	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/28/14 14:23	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/28/14 14:23	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:23	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 14:23	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/28/14 14:23	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:23	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/28/14 14:23	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/28/14 14:23	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/28/14 14:23	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/28/14 14:23	79-34-5	
Tetrachloroethene	**1.2**	ug/L	1.0	0.50	1		07/28/14 14:23	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 14:23	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 14:23	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/28/14 14:23	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/28/14 14:23	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 14:23	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/28/14 14:23	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/28/14 14:23	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	59-130		1		07/28/14 14:23	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/28/14 14:23	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		07/28/14 14:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-3 **Lab ID: 40100420013** Collected: 07/24/14 12:55 Received: 07/26/14 09:00 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		07/28/14 14:46	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:46	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/28/14 14:46	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/28/14 14:46	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 14:46	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/28/14 14:46	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/28/14 14:46	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/28/14 14:46	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/28/14 14:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/28/14 14:46	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/28/14 14:46	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/28/14 14:46	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/28/14 14:46	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/28/14 14:46	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 14:46	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/28/14 14:46	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 14:46	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 14:46	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:46	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/28/14 14:46	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/28/14 14:46	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:46	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 14:46	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/28/14 14:46	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/28/14 14:46	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/28/14 14:46	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/28/14 14:46	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/28/14 14:46	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-3 **Lab ID: 40100420013** Collected: 07/24/14 12:55 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/28/14 14:46	79-34-5	
Tetrachloroethene	**3.0**	ug/L	1.0	0.50	1		07/28/14 14:46	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 14:46	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 14:46	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/28/14 14:46	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/28/14 14:46	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 14:46	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/28/14 14:46	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/28/14 14:46	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 14:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	59-130		1		07/28/14 14:46	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/28/14 14:46	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/28/14 14:46	2037-26-5	

Sample: MW-2 **Lab ID: 40100420014** Collected: 07/24/14 13:45 Received: 07/26/14 09:00 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		07/28/14 15:08	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:08	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/28/14 15:08	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/28/14 15:08	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 15:08	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/28/14 15:08	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/28/14 15:08	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/28/14 15:08	67-66-3	
Chloromethane	**1.2**	ug/L	1.0	0.50	1		07/28/14 15:08	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/28/14 15:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/28/14 15:08	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/28/14 15:08	106-93-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-2 **Lab ID: 40100420014** Collected: 07/24/14 13:45 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/28/14 15:08	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/28/14 15:08	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/28/14 15:08	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 15:08	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/28/14 15:08	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 15:08	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 15:08	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:08	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/28/14 15:08	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/28/14 15:08	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:08	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 15:08	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/28/14 15:08	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:08	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/28/14 15:08	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/28/14 15:08	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/28/14 15:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/28/14 15:08	79-34-5	
Tetrachloroethene	**7.0**	ug/L	1.0	0.50	1		07/28/14 15:08	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 15:08	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 15:08	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/28/14 15:08	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/28/14 15:08	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 15:08	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/28/14 15:08	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/28/14 15:08	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	59-130		1		07/28/14 15:08	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/28/14 15:08	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		07/28/14 15:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-2 DUP **Lab ID: 40100420015** Collected: 07/24/14 13:50 Received: 07/26/14 09:00 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		07/28/14 15:31	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:31	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/28/14 15:31	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/28/14 15:31	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 15:31	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/28/14 15:31	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/28/14 15:31	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/28/14 15:31	67-66-3	
Chloromethane	**0.87J**	ug/L	1.0	0.50	1		07/28/14 15:31	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/28/14 15:31	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/28/14 15:31	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		07/28/14 15:31	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/28/14 15:31	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		07/28/14 15:31	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/28/14 15:31	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 15:31	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/28/14 15:31	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 15:31	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/28/14 15:31	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:31	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/28/14 15:31	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/28/14 15:31	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:31	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 15:31	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/28/14 15:31	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/28/14 15:31	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/28/14 15:31	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/28/14 15:31	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/28/14 15:31	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Sample: MW-2 DUP **Lab ID: 40100420015** Collected: 07/24/14 13:50 Received: 07/26/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/28/14 15:31	79-34-5	
Tetrachloroethene	**7.2**	ug/L	1.0	0.50	1		07/28/14 15:31	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/28/14 15:31	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/28/14 15:31	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		07/28/14 15:31	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/28/14 15:31	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		07/28/14 15:31	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/28/14 15:31	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/28/14 15:31	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/28/14 15:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	59-130		1		07/28/14 15:31	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/28/14 15:31	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		07/28/14 15:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

QC Batch: MSV/25123 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40100420012, 40100420013, 40100420014, 40100420015

METHOD BLANK: 1013999 Matrix: Water
Associated Lab Samples: 40100420012, 40100420013, 40100420014, 40100420015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/28/14 08:17	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/28/14 08:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/28/14 08:17	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	07/28/14 08:17	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/28/14 08:17	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/28/14 08:17	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/28/14 08:17	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/28/14 08:17	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/28/14 08:17	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/28/14 08:17	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/28/14 08:17	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/28/14 08:17	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	07/28/14 08:17	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/28/14 08:17	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/28/14 08:17	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/28/14 08:17	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/28/14 08:17	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/28/14 08:17	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/28/14 08:17	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/28/14 08:17	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/28/14 08:17	
2-Chlorotoluene	ug/L	<0.50	1.0	07/28/14 08:17	
4-Chlorotoluene	ug/L	<0.21	1.0	07/28/14 08:17	
Benzene	ug/L	<0.50	1.0	07/28/14 08:17	
Bromobenzene	ug/L	<0.23	1.0	07/28/14 08:17	
Bromochloromethane	ug/L	<0.34	1.0	07/28/14 08:17	
Bromodichloromethane	ug/L	<0.50	1.0	07/28/14 08:17	
Bromoform	ug/L	<0.50	1.0	07/28/14 08:17	
Bromomethane	ug/L	<2.4	5.0	07/28/14 08:17	
Carbon tetrachloride	ug/L	<0.50	1.0	07/28/14 08:17	
Chlorobenzene	ug/L	<0.50	1.0	07/28/14 08:17	
Chloroethane	ug/L	<0.37	1.0	07/28/14 08:17	
Chloroform	ug/L	<2.5	5.0	07/28/14 08:17	
Chloromethane	ug/L	<0.50	1.0	07/28/14 08:17	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/28/14 08:17	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/28/14 08:17	
Dibromochloromethane	ug/L	<0.50	1.0	07/28/14 08:17	
Dibromomethane	ug/L	<0.43	1.0	07/28/14 08:17	
Dichlorodifluoromethane	ug/L	<0.20	1.0	07/28/14 08:17	
Diisopropyl ether	ug/L	<0.50	1.0	07/28/14 08:17	
Ethylbenzene	ug/L	<0.50	1.0	07/28/14 08:17	

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: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

METHOD BLANK: 1013999 Matrix: Water
Associated Lab Samples: 40100420012, 40100420013, 40100420014, 40100420015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/28/14 08:17	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/28/14 08:17	
m&p-Xylene	ug/L	<1.0	2.0	07/28/14 08:17	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/28/14 08:17	
Methylene Chloride	ug/L	<0.23	1.0	07/28/14 08:17	
n-Butylbenzene	ug/L	<0.50	1.0	07/28/14 08:17	
n-Propylbenzene	ug/L	<0.50	1.0	07/28/14 08:17	
Naphthalene	ug/L	<2.5	5.0	07/28/14 08:17	
o-Xylene	ug/L	<0.50	1.0	07/28/14 08:17	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/28/14 08:17	
sec-Butylbenzene	ug/L	<2.2	5.0	07/28/14 08:17	
Styrene	ug/L	<0.50	1.0	07/28/14 08:17	
tert-Butylbenzene	ug/L	<0.18	1.0	07/28/14 08:17	
Tetrachloroethene	ug/L	<0.50	1.0	07/28/14 08:17	
Toluene	ug/L	<0.50	1.0	07/28/14 08:17	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/28/14 08:17	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/28/14 08:17	
Trichloroethene	ug/L	<0.33	1.0	07/28/14 08:17	
Trichlorofluoromethane	ug/L	<0.17	1.0	07/28/14 08:17	
Vinyl chloride	ug/L	<0.18	1.0	07/28/14 08:17	
4-Bromofluorobenzene (S)	%	100	59-130	07/28/14 08:17	
Dibromofluoromethane (S)	%	100	70-130	07/28/14 08:17	
Toluene-d8 (S)	%	100	70-130	07/28/14 08:17	

LABORATORY CONTROL SAMPLE & LCSD: 1014000 1014001

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.8	50.4	102	101	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	49.3	101	99	70-130	2	20	
1,1,2-Trichloroethane	ug/L	50	53.4	51.1	107	102	70-130	5	20	
1,1-Dichloroethane	ug/L	50	56.1	55.4	112	111	70-130	1	20	
1,1-Dichloroethene	ug/L	50	54.5	56.5	109	113	70-132	4	20	
1,2,4-Trichlorobenzene	ug/L	50	50.4	51.0	101	102	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	50	44.0	43.1	88	86	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	51.0	105	102	70-130	3	20	
1,2-Dichlorobenzene	ug/L	50	52.1	51.2	104	102	70-130	2	20	
1,2-Dichloroethane	ug/L	50	57.8	58.1	116	116	70-130	0	20	
1,2-Dichloropropane	ug/L	50	54.7	53.7	109	107	70-130	2	20	
1,3-Dichlorobenzene	ug/L	50	51.3	51.0	103	102	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	51.7	51.5	103	103	70-130	0	20	
Benzene	ug/L	50	54.6	53.8	109	108	70-130	1	20	
Bromodichloromethane	ug/L	50	50.1	49.3	100	99	70-130	1	20	
Bromoform	ug/L	50	40.0	39.0	80	78	70-130	3	20	
Bromomethane	ug/L	50	49.6	51.0	99	102	34-157	3	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

LABORATORY CONTROL SAMPLE & LCSD: 1014000 1014001

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	48.3	48.3	97	97	70-132	0	20	
Chlorobenzene	ug/L	50	52.9	52.0	106	104	70-130	2	20	
Chloroethane	ug/L	50	52.2	51.2	104	102	60-143	2	20	
Chloroform	ug/L	50	52.9	51.8	106	104	70-130	2	20	
Chloromethane	ug/L	50	45.5	44.3	91	89	43-148	3	20	
cis-1,2-Dichloroethene	ug/L	50	51.6	51.3	103	103	51-133	1	20	
cis-1,3-Dichloropropene	ug/L	50	50.5	49.2	101	98	70-130	3	20	
Dibromochloromethane	ug/L	50	46.5	45.8	93	92	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	33.9	32.8	68	66	10-174	3	20	
Ethylbenzene	ug/L	50	54.5	53.7	109	107	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	54.3	53.6	109	107	70-136	1	20	
m&p-Xylene	ug/L	100	107	106	107	106	70-131	2	20	
Methyl-tert-butyl ether	ug/L	50	59.4	56.9	119	114	54-139	4	20	
Methylene Chloride	ug/L	50	56.0	52.9	112	106	70-130	6	20	
o-Xylene	ug/L	50	53.0	52.2	106	104	70-130	1	20	
Styrene	ug/L	50	52.0	51.0	104	102	70-130	2	20	
Tetrachloroethene	ug/L	50	53.4	51.8	107	104	70-130	3	20	
Toluene	ug/L	50	54.7	53.1	109	106	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	50	61.5	59.9	123	120	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	50	50.1	49.0	100	98	70-130	2	20	
Trichloroethene	ug/L	50	55.2	54.3	110	109	70-130	2	20	
Trichlorofluoromethane	ug/L	50	55.4	55.1	111	110	50-150	1	20	
Vinyl chloride	ug/L	50	50.8	49.6	102	99	59-157	2	20	
4-Bromofluorobenzene (S)	%				102	104	59-130			
Dibromofluoromethane (S)	%				101	102	70-130			
Toluene-d8 (S)	%				102	102	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1014012 1014013

Parameter	Units	40100261001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	51.7	50.2	103	100	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	48.5	48.2	97	96	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	51.5	50.4	103	101	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	55.4	53.2	111	106	70-130	4	20	
1,1-Dichloroethene	ug/L	0.51J	50	50	58.8	57.1	116	113	70-138	3	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	51.3	49.6	100	97	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	42.3	41.6	85	83	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	51.6	49.9	103	100	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.9	50.7	103	101	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	57.7	56.7	115	113	70-130	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	53.9	53.6	108	107	70-130	0	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	51.4	50.1	102	100	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.8	50.0	103	99	70-130	4	20	
Benzene	ug/L	<0.50	50	50	54.6	53.8	109	107	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1014012 1014013

Parameter	Units	40100261001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromodichloromethane	ug/L	<0.50	50	50	49.6	48.6	99	97	70-130	2	20	
Bromoform	ug/L	<0.50	50	50	38.5	37.2	77	74	70-130	3	20	
Bromomethane	ug/L	<2.4	50	50	52.7	53.3	105	107	34-159	1	20	
Carbon tetrachloride	ug/L	<0.50	50	50	49.8	48.1	100	96	70-132	4	20	
Chlorobenzene	ug/L	<0.50	50	50	52.8	51.6	106	103	70-130	2	20	
Chloroethane	ug/L	<0.37	50	50	52.6	51.8	105	104	60-143	2	20	
Chloroform	ug/L	<2.5	50	50	53.1	51.8	106	104	70-130	2	20	
Chloromethane	ug/L	<0.50	50	50	44.7	44.1	89	88	43-149	1	20	
cis-1,2-Dichloroethene	ug/L	288	50	50	371	273	165	-30	48-137	30	33	E,M1
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	49.5	45.5	99	91	70-130	8	20	
Dibromochloromethane	ug/L	<0.50	50	50	46.1	44.1	92	88	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	34.3	33.4	69	67	10-174	3	20	
Ethylbenzene	ug/L	<0.50	50	50	53.9	52.2	107	104	70-130	3	20	
Isopropylbenzene (Cumene)	ug/L	0.28J	50	50	54.2	52.5	108	104	70-136	3	20	
m&p-Xylene	ug/L	<1.0	100	100	102	96.9	102	97	70-135	5	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	56.8	54.8	114	110	54-139	3	20	
Methylene Chloride	ug/L	<0.23	50	50	56.8	55.3	114	111	70-133	3	20	
o-Xylene	ug/L	<0.50	50	50	50.8	48.1	102	96	70-130	5	20	
Styrene	ug/L	<0.50	50	50	41.7	34.5	83	69	70-130	19	20	M1
Tetrachloroethene	ug/L	21.4	50	50	76.2	70.0	110	97	70-130	9	20	
Toluene	ug/L	<0.50	50	50	53.3	52.0	107	104	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	20.4	50	50	82.2	75.9	124	111	70-130	8	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	49.4	44.5	99	89	70-130	10	20	
Trichloroethene	ug/L	52.1	50	50	111	97.3	117	90	70-130	13	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	58.4	57.7	117	115	50-150	1	20	
Vinyl chloride	ug/L	6.0	50	50	57.7	54.4	103	97	59-158	6	20	
4-Bromofluorobenzene (S)	%						102	103	59-130			
Dibromofluoromethane (S)	%						103	103	70-130			
Toluene-d8 (S)	%						101	101	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: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

QC Batch: MSV/25128 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40100420001, 40100420002, 40100420003, 40100420004, 40100420005

METHOD BLANK: 1014040 Matrix: Water
Associated Lab Samples: 40100420001, 40100420002, 40100420003, 40100420004, 40100420005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/29/14 06:30	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/29/14 06:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/29/14 06:30	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	07/29/14 06:30	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/29/14 06:30	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/29/14 06:30	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/29/14 06:30	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/29/14 06:30	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/29/14 06:30	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/29/14 06:30	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/29/14 06:30	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/29/14 06:30	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	07/29/14 06:30	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/29/14 06:30	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/29/14 06:30	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/29/14 06:30	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/29/14 06:30	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/29/14 06:30	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/29/14 06:30	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/29/14 06:30	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/29/14 06:30	
2-Chlorotoluene	ug/L	<0.50	1.0	07/29/14 06:30	
4-Chlorotoluene	ug/L	<0.21	1.0	07/29/14 06:30	
Benzene	ug/L	<0.50	1.0	07/29/14 06:30	
Bromobenzene	ug/L	<0.23	1.0	07/29/14 06:30	
Bromochloromethane	ug/L	<0.34	1.0	07/29/14 06:30	
Bromodichloromethane	ug/L	<0.50	1.0	07/29/14 06:30	
Bromoform	ug/L	<0.50	1.0	07/29/14 06:30	
Bromomethane	ug/L	<2.4	5.0	07/29/14 06:30	
Carbon tetrachloride	ug/L	<0.50	1.0	07/29/14 06:30	
Chlorobenzene	ug/L	<0.50	1.0	07/29/14 06:30	
Chloroethane	ug/L	<0.37	1.0	07/29/14 06:30	
Chloroform	ug/L	<2.5	5.0	07/29/14 06:30	
Chloromethane	ug/L	<0.50	1.0	07/29/14 06:30	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/29/14 06:30	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/29/14 06:30	
Dibromochloromethane	ug/L	<0.50	1.0	07/29/14 06:30	
Dibromomethane	ug/L	<0.43	1.0	07/29/14 06:30	
Dichlorodifluoromethane	ug/L	<0.20	1.0	07/29/14 06:30	
Diisopropyl ether	ug/L	<0.50	1.0	07/29/14 06:30	
Ethylbenzene	ug/L	<0.50	1.0	07/29/14 06:30	

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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: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

METHOD BLANK: 1014040 Matrix: Water
Associated Lab Samples: 40100420001, 40100420002, 40100420003, 40100420004, 40100420005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/29/14 06:30	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/29/14 06:30	
m&p-Xylene	ug/L	<1.0	2.0	07/29/14 06:30	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/29/14 06:30	
Methylene Chloride	ug/L	<0.23	1.0	07/29/14 06:30	
n-Butylbenzene	ug/L	<0.50	1.0	07/29/14 06:30	
n-Propylbenzene	ug/L	<0.50	1.0	07/29/14 06:30	
Naphthalene	ug/L	<2.5	5.0	07/29/14 06:30	
o-Xylene	ug/L	<0.50	1.0	07/29/14 06:30	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/29/14 06:30	
sec-Butylbenzene	ug/L	<2.2	5.0	07/29/14 06:30	
Styrene	ug/L	<0.50	1.0	07/29/14 06:30	
tert-Butylbenzene	ug/L	<0.18	1.0	07/29/14 06:30	
Tetrachloroethene	ug/L	<0.50	1.0	07/29/14 06:30	
Toluene	ug/L	<0.50	1.0	07/29/14 06:30	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/29/14 06:30	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/29/14 06:30	
Trichloroethene	ug/L	<0.33	1.0	07/29/14 06:30	
Trichlorofluoromethane	ug/L	<0.17	1.0	07/29/14 06:30	
Vinyl chloride	ug/L	<0.18	1.0	07/29/14 06:30	
4-Bromofluorobenzene (S)	%	89	59-130	07/29/14 06:30	
Dibromofluoromethane (S)	%	97	70-130	07/29/14 06:30	
Toluene-d8 (S)	%	97	70-130	07/29/14 06:30	

LABORATORY CONTROL SAMPLE & LCSD: 1014041 1014042

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.4	53.1	109	106	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/L	50	48.0	45.7	96	91	70-130	5	20	
1,1,2-Trichloroethane	ug/L	50	50.4	48.4	101	97	70-130	4	20	
1,1-Dichloroethane	ug/L	50	50.4	49.4	101	99	70-130	2	20	
1,1-Dichloroethene	ug/L	50	53.0	51.9	106	104	70-132	2	20	
1,2,4-Trichlorobenzene	ug/L	50	48.6	47.1	97	94	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	42.0	40.2	84	80	50-150	4	20	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	50.3	106	101	70-130	5	20	
1,2-Dichlorobenzene	ug/L	50	49.9	47.3	100	95	70-130	5	20	
1,2-Dichloroethane	ug/L	50	48.8	46.1	98	92	70-130	6	20	
1,2-Dichloropropane	ug/L	50	51.9	49.9	104	100	70-130	4	20	
1,3-Dichlorobenzene	ug/L	50	49.4	47.1	99	94	70-130	5	20	
1,4-Dichlorobenzene	ug/L	50	48.1	46.5	96	93	70-130	3	20	
Benzene	ug/L	50	50.5	48.8	101	98	70-130	3	20	
Bromodichloromethane	ug/L	50	51.9	49.8	104	100	70-130	4	20	
Bromoform	ug/L	50	47.9	45.9	96	92	70-130	4	20	
Bromomethane	ug/L	50	50.1	51.4	100	103	34-157	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

LABORATORY CONTROL SAMPLE & LCSD: 1014041 1014042

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	55.1	53.7	110	107	70-132	3	20	
Chlorobenzene	ug/L	50	52.5	49.8	105	100	70-130	5	20	
Chloroethane	ug/L	50	50.0	49.7	100	99	60-143	1	20	
Chloroform	ug/L	50	48.7	47.4	97	95	70-130	3	20	
Chloromethane	ug/L	50	48.4	47.9	97	96	43-148	1	20	
cis-1,2-Dichloroethene	ug/L	50	49.9	48.3	100	97	51-133	3	20	
cis-1,3-Dichloropropene	ug/L	50	46.6	45.0	93	90	70-130	3	20	
Dibromochloromethane	ug/L	50	48.8	45.7	98	91	70-130	7	20	
Dichlorodifluoromethane	ug/L	50	48.8	48.2	98	96	10-174	1	20	
Ethylbenzene	ug/L	50	54.2	51.9	108	104	70-130	4	20	
Isopropylbenzene (Cumene)	ug/L	50	51.1	49.3	102	99	70-136	4	20	
m&p-Xylene	ug/L	100	109	105	109	105	70-131	5	20	
Methyl-tert-butyl ether	ug/L	50	50.7	48.8	101	98	54-139	4	20	
Methylene Chloride	ug/L	50	49.4	48.5	99	97	70-130	2	20	
o-Xylene	ug/L	50	54.9	52.5	110	105	70-130	4	20	
Styrene	ug/L	50	50.4	48.2	101	96	70-130	4	20	
Tetrachloroethene	ug/L	50	56.9	53.9	114	108	70-130	5	20	
Toluene	ug/L	50	52.6	50.3	105	101	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	50	51.8	50.8	104	102	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	50	46.0	44.3	92	89	70-130	4	20	
Trichloroethene	ug/L	50	54.4	53.0	109	106	70-130	3	20	
Trichlorofluoromethane	ug/L	50	54.1	53.8	108	108	50-150	1	20	
Vinyl chloride	ug/L	50	50.9	50.9	102	102	59-157	0	20	
4-Bromofluorobenzene (S)	%				99	97	59-130			
Dibromofluoromethane (S)	%				97	98	70-130			
Toluene-d8 (S)	%				98	96	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1014078 1014079

Parameter	Units	40100408001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	45.4	42.5	91	85	70-130	7	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	48.7	52.5	97	105	70-130	8	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	49.1	51.4	98	103	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	45.1	44.8	90	90	70-130	1	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	43.4	40.2	87	80	70-138	8	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	43.9	47.2	86	93	70-130	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	45.1	47.5	90	95	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	51.4	53.8	103	108	70-130	5	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	46.6	48.5	93	97	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	47.2	49.0	94	98	70-130	4	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	46.9	48.0	94	96	70-130	2	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	44.5	46.4	89	93	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	44.3	46.0	88	92	70-130	4	20	
Benzene	ug/L	<0.50	50	50	44.2	44.4	88	89	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1014078 1014079

Parameter	Units	40100408001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromodichloromethane	ug/L	<0.50	50	50	47.6	48.8	95	98	70-130	2	20	
Bromoform	ug/L	<0.50	50	50	46.7	49.7	93	99	70-130	6	20	
Bromomethane	ug/L	<2.4	50	50	42.9	45.7	86	91	34-159	6	20	
Carbon tetrachloride	ug/L	<0.50	50	50	45.6	40.8	91	82	70-132	11	20	
Chlorobenzene	ug/L	<0.50	50	50	47.4	48.0	95	96	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	42.3	41.4	85	83	60-143	2	20	
Chloroform	ug/L	<2.5	50	50	44.1	44.8	88	90	70-130	2	20	
Chloromethane	ug/L	<0.50	50	50	39.6	40.2	79	80	43-149	1	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	44.8	45.9	90	92	48-137	2	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	43.0	44.4	86	89	70-130	3	20	
Dibromochloromethane	ug/L	<0.50	50	50	46.3	47.9	93	96	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	36.3	30.9	73	62	10-174	16	20	
Ethylbenzene	ug/L	<0.50	50	50	47.3	46.2	95	92	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	44.1	42.3	88	85	70-136	4	20	
m&p-Xylene	ug/L	<1.0	100	100	95.8	93.4	96	93	70-135	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	49.5	51.5	99	103	54-139	4	20	
Methylene Chloride	ug/L	<0.23	50	50	45.5	46.6	91	93	70-133	2	20	
o-Xylene	ug/L	<0.50	50	50	48.4	48.1	97	96	70-130	1	20	
Styrene	ug/L	<0.50	50	50	45.7	44.4	91	89	70-130	3	20	
Tetrachloroethene	ug/L	<0.50	50	50	47.0	43.9	94	88	70-130	7	20	
Toluene	ug/L	<0.50	50	50	46.3	45.4	93	91	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	44.5	43.7	89	87	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	44.5	45.0	89	90	70-130	1	20	
Trichloroethene	ug/L	<0.33	50	50	46.4	45.6	93	91	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	43.4	37.7	87	75	50-150	14	20	
Vinyl chloride	ug/L	<0.18	50	50	40.2	37.9	80	76	59-158	6	20	
4-Bromofluorobenzene (S)	%						102	100	59-130			
Dibromofluoromethane (S)	%						98	98	70-130			HS
Toluene-d8 (S)	%						98	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: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

QC Batch: MSV/25132 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40100420006, 40100420007, 40100420008, 40100420009, 40100420010, 40100420011

METHOD BLANK: 1014175 Matrix: Water
Associated Lab Samples: 40100420006, 40100420007, 40100420008, 40100420009, 40100420010, 40100420011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/29/14 18:31	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/29/14 18:31	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/29/14 18:31	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	07/29/14 18:31	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/29/14 18:31	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/29/14 18:31	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/29/14 18:31	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/29/14 18:31	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/29/14 18:31	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/29/14 18:31	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/29/14 18:31	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/29/14 18:31	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	07/29/14 18:31	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/29/14 18:31	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/29/14 18:31	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/29/14 18:31	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/29/14 18:31	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/29/14 18:31	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/29/14 18:31	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/29/14 18:31	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/29/14 18:31	
2-Chlorotoluene	ug/L	<0.50	1.0	07/29/14 18:31	
4-Chlorotoluene	ug/L	<0.21	1.0	07/29/14 18:31	
Benzene	ug/L	<0.50	1.0	07/29/14 18:31	
Bromobenzene	ug/L	<0.23	1.0	07/29/14 18:31	
Bromochloromethane	ug/L	<0.34	1.0	07/29/14 18:31	
Bromodichloromethane	ug/L	<0.50	1.0	07/29/14 18:31	
Bromoform	ug/L	<0.50	1.0	07/29/14 18:31	
Bromomethane	ug/L	<2.4	5.0	07/29/14 18:31	
Carbon tetrachloride	ug/L	<0.50	1.0	07/29/14 18:31	
Chlorobenzene	ug/L	<0.50	1.0	07/29/14 18:31	
Chloroethane	ug/L	<0.37	1.0	07/29/14 18:31	
Chloroform	ug/L	<2.5	5.0	07/29/14 18:31	
Chloromethane	ug/L	<0.50	1.0	07/29/14 18:31	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/29/14 18:31	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/29/14 18:31	
Dibromochloromethane	ug/L	<0.50	1.0	07/29/14 18:31	
Dibromomethane	ug/L	<0.43	1.0	07/29/14 18:31	
Dichlorodifluoromethane	ug/L	<0.20	1.0	07/29/14 18:31	
Diisopropyl ether	ug/L	<0.50	1.0	07/29/14 18:31	
Ethylbenzene	ug/L	<0.50	1.0	07/29/14 18:31	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

METHOD BLANK: 1014175 Matrix: Water
Associated Lab Samples: 40100420006, 40100420007, 40100420008, 40100420009, 40100420010, 40100420011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/29/14 18:31	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/29/14 18:31	
m&p-Xylene	ug/L	<1.0	2.0	07/29/14 18:31	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/29/14 18:31	
Methylene Chloride	ug/L	<0.23	1.0	07/29/14 18:31	
n-Butylbenzene	ug/L	<0.50	1.0	07/29/14 18:31	
n-Propylbenzene	ug/L	<0.50	1.0	07/29/14 18:31	
Naphthalene	ug/L	<2.5	5.0	07/29/14 18:31	
o-Xylene	ug/L	<0.50	1.0	07/29/14 18:31	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/29/14 18:31	
sec-Butylbenzene	ug/L	<2.2	5.0	07/29/14 18:31	
Styrene	ug/L	<0.50	1.0	07/29/14 18:31	
tert-Butylbenzene	ug/L	<0.18	1.0	07/29/14 18:31	
Tetrachloroethene	ug/L	<0.50	1.0	07/29/14 18:31	
Toluene	ug/L	<0.50	1.0	07/29/14 18:31	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/29/14 18:31	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/29/14 18:31	
Trichloroethene	ug/L	<0.33	1.0	07/29/14 18:31	
Trichlorofluoromethane	ug/L	<0.17	1.0	07/29/14 18:31	
Vinyl chloride	ug/L	<0.18	1.0	07/29/14 18:31	
4-Bromofluorobenzene (S)	%	94	59-130	07/29/14 18:31	
Dibromofluoromethane (S)	%	94	70-130	07/29/14 18:31	
Toluene-d8 (S)	%	99	70-130	07/29/14 18:31	

LABORATORY CONTROL SAMPLE & LCSD: 1014176 1014177

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.4	51.8	99	104	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/L	50	51.4	51.0	103	102	70-130	1	20	
1,1,2-Trichloroethane	ug/L	50	50.2	50.9	100	102	70-130	2	20	
1,1-Dichloroethane	ug/L	50	49.8	52.3	100	105	70-130	5	20	
1,1-Dichloroethene	ug/L	50	51.7	51.0	103	102	70-132	1	20	
1,2,4-Trichlorobenzene	ug/L	50	52.7	54.7	105	109	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	50	41.2	43.9	82	88	50-150	6	20	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	51.9	104	104	70-130	0	20	
1,2-Dichlorobenzene	ug/L	50	51.9	52.3	104	105	70-130	1	20	
1,2-Dichloroethane	ug/L	50	48.3	50.6	97	101	70-130	5	20	
1,2-Dichloropropane	ug/L	50	50.4	51.1	101	102	70-130	1	20	
1,3-Dichlorobenzene	ug/L	50	52.2	52.9	104	106	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	50.9	52.0	102	104	70-130	2	20	
Benzene	ug/L	50	50.5	52.3	101	105	70-130	4	20	
Bromodichloromethane	ug/L	50	45.3	47.0	91	94	70-130	4	20	
Bromoform	ug/L	50	39.1	40.6	78	81	70-130	4	20	
Bromomethane	ug/L	50	47.8	51.6	96	103	34-157	8	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: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

LABORATORY CONTROL SAMPLE & LCSD: 1014176 1014177

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	47.0	49.6	94	99	70-132	6	20	
Chlorobenzene	ug/L	50	50.5	51.6	101	103	70-130	2	20	
Chloroethane	ug/L	50	51.8	54.3	104	109	60-143	5	20	
Chloroform	ug/L	50	48.4	51.1	97	102	70-130	5	20	
Chloromethane	ug/L	50	51.5	52.5	103	105	43-148	2	20	
cis-1,2-Dichloroethene	ug/L	50	47.5	51.5	95	103	51-133	8	20	
cis-1,3-Dichloropropene	ug/L	50	43.7	44.4	87	89	70-130	1	20	
Dibromochloromethane	ug/L	50	43.7	45.0	87	90	70-130	3	20	
Dichlorodifluoromethane	ug/L	50	49.7	52.2	99	104	10-174	5	20	
Ethylbenzene	ug/L	50	52.7	53.6	105	107	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	53.2	53.7	106	107	70-136	1	20	
m&p-Xylene	ug/L	100	102	104	102	104	70-131	2	20	
Methyl-tert-butyl ether	ug/L	50	49.0	49.8	98	100	54-139	2	20	
Methylene Chloride	ug/L	50	49.7	54.3	99	109	70-130	9	20	
o-Xylene	ug/L	50	52.1	52.8	104	106	70-130	1	20	
Styrene	ug/L	50	47.1	47.8	94	96	70-130	2	20	
Tetrachloroethene	ug/L	50	50.6	51.0	101	102	70-130	1	20	
Toluene	ug/L	50	50.7	51.5	101	103	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	50	50.0	52.7	100	105	70-130	5	20	
trans-1,3-Dichloropropene	ug/L	50	43.1	43.8	86	88	70-130	2	20	
Trichloroethene	ug/L	50	50.5	51.1	101	102	70-130	1	20	
Trichlorofluoromethane	ug/L	50	49.7	52.1	99	104	50-150	5	20	
Vinyl chloride	ug/L	50	53.6	55.3	107	111	59-157	3	20	
4-Bromofluorobenzene (S)	%				99	97	59-130			
Dibromofluoromethane (S)	%				97	100	70-130			
Toluene-d8 (S)	%				99	99	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1015336 1015337

Parameter	Units	40100420007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	51.1	51.4	102	103	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	51.4	51.9	103	104	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	50.1	49.8	100	100	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	51.6	51.8	103	104	70-130	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	50.9	53.6	102	107	70-138	5	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	54.7	54.9	109	109	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	44.7	45.0	89	90	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	51.9	52.5	104	105	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.7	52.5	103	105	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	48.9	49.3	98	99	70-130	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	50.8	51.3	102	103	70-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.2	53.5	104	107	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	51.3	51.7	103	103	70-130	1	20	
Benzene	ug/L	<0.50	50	50	51.1	51.7	102	103	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1015336 1015337

Parameter	Units	40100420007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromodichloromethane	ug/L	<0.50	50	50	47.3	47.9	95	96	70-130	1	20	
Bromoform	ug/L	<0.50	50	50	40.5	40.3	81	81	70-130	0	20	
Bromomethane	ug/L	<2.4	50	50	51.3	52.6	103	105	34-159	2	20	
Carbon tetrachloride	ug/L	<0.50	50	50	49.0	49.9	98	100	70-132	2	20	
Chlorobenzene	ug/L	<0.50	50	50	50.9	51.4	102	103	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	52.3	53.8	105	108	60-143	3	20	
Chloroform	ug/L	<2.5	50	50	49.7	50.3	99	101	70-130	1	20	
Chloromethane	ug/L	0.52J	50	50	52.3	53.8	103	106	43-149	3	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	51.0	51.0	102	102	48-137	0	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	44.4	43.9	89	88	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	44.7	45.1	89	90	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	52.1	52.3	104	105	10-174	1	20	
Ethylbenzene	ug/L	<0.50	50	50	52.6	53.3	105	107	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	53.3	53.3	107	107	70-136	0	20	
m&p-Xylene	ug/L	<1.0	100	100	102	104	102	104	70-135	2	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	49.4	49.5	99	99	54-139	0	20	
Methylene Chloride	ug/L	<0.23	50	50	53.0	53.9	106	108	70-133	2	20	
o-Xylene	ug/L	<0.50	50	50	52.1	52.1	104	104	70-130	0	20	
Styrene	ug/L	<0.50	50	50	44.7	46.4	89	93	70-130	4	20	
Tetrachloroethene	ug/L	3.8	50	50	55.3	55.2	103	103	70-130	0	20	
Toluene	ug/L	<0.50	50	50	51.2	51.6	102	103	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	50.6	51.0	101	102	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	43.0	43.1	86	86	70-130	0	20	
Trichloroethene	ug/L	<0.33	50	50	51.9	51.7	104	103	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	51.5	52.0	103	104	50-150	1	20	
Vinyl chloride	ug/L	<0.18	50	50	54.5	54.6	109	109	59-158	0	20	
4-Bromofluorobenzene (S)	%						98	98	59-130			
Dibromofluoromethane (S)	%						99	98	70-130			
Toluene-d8 (S)	%						98	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

Project: 60135040 FORMER NORMINGTON
Pace Project No.: 40100420

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40100420001	**TRIP BLANK**	EPA 8260	MSV/25128		
40100420002	**MW-8**	EPA 8260	MSV/25128		
40100420003	**MW-9**	EPA 8260	MSV/25128		
40100420004	**MW-13**	EPA 8260	MSV/25128		
40100420005	**PZ-1**	EPA 8260	MSV/25128		
40100420006	**MW-5**	EPA 8260	MSV/25132		
40100420007	**MW-4**	EPA 8260	MSV/25132		
40100420008	**MW-10**	EPA 8260	MSV/25132		
40100420009	**MW-12**	EPA 8260	MSV/25132		
40100420010	**MW-6**	EPA 8260	MSV/25132		
40100420011	**MW-1**	EPA 8260	MSV/25132		
40100420012	**MW-11**	EPA 8260	MSV/25123		
40100420013	**MW-3**	EPA 8260	MSV/25123		
40100420014	**MW-2**	EPA 8260	MSV/25123		
40100420015	**MW-2 DUP**	EPA 8260	MSV/25123		

Pace Analytical®
www.pacelabs.com

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

KBJ

40100420

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:	AECOM
Branch/Location:	STEVENS POINT
Project Contact:	KYLE WAGONER
Phone:	715-342-3038
Project Number:	60435040
Project Name:	FORMER NORMINGTON
Project State:	WI
Sampled By (Print):	PHIL EAGAN
Sampled By (Sign):	Phil Eagan
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	KYLE WAGONER
Mail To Company:	AECOM
Mail To Address:	200 INDIANA AVE STEVENS POINT, WI 54481
Invoice To Contact:	A. SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	10Cs (8260)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	TRIP BLANK	7/23/14	9:30	—			X		2-40mlvB	
002	MW-8		10:30	GW			X		3-40mlvB	
003	MW-9		11:10				X			
004	MW-13		11:55				X			
005	PZ-1		12:40				X			
006	MW-5		13:15				X			
007	MW-4		14:05				X			
008	MW-10		14:45				X			
009	MW-12		15:30				X			
010	MW-6	7/24/14	10:25				X			
011	MW-1		11:20				X			
012	MW-11		12:05				X			
013	MW-3		12:55				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:
Phil Eagan	7/25/14 12:00		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Walton	7/26/14 0900		7/26/14 0900
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.
40100420

Receipt Temp = R.O.S °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Pace Analytical®
www.pacelabs.com

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:	AECOM
Branch/Location:	STEVENS POINT
Project Contact:	KYLE WAGONER
Phone:	715-342-3038
Project Number:	60135040
Project Name:	FORMER NORMINGTON
Project State:	WI
Sampled By (Print):	PHIL EGAN
Sampled By (Sign):	Phil Egan
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	KYLE WAGONER
Mail To Company:	AECOM
Mail To Address:	200 INDIANA AVE STEVENS POINT, WI 54481
Invoice To Contact:	A - SAME
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 (8260)	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
014	MW-2	7/24/14	13:45	GW			X		3-40mL vB	
015	MW-2 DUP		13:55				X		↓	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: Phil Egan	Date/Time: 7/25/14 12:00	Received By:	Date/Time:
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: Walton	Date/Time: 7/26/14 0900	Received By:	Date/Time: 7/26/14 0900
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Fax:				
Samples on HOLD are subject to special pricing and release of liability				

PACE Project No. 40100420

Receipt Temp = R & I °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#: 40100420

40100420

Client Name: AECOM

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: Walk on

Tracking #: 602697

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: R of I /Corr: R of I Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 7-26-14
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.
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: 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): Covered		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 7/22/14