Seymour
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September 3, 2014

Mr. Jeff Ackerman
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Madison, Wisconsin 53711

Re: Investigation Update
Former Highway Cleaners
1509 Elm Street - Boscobel, Wisconsin

Dear Mr. Ackerman:

Seymour Environmental Services, Inc. recently completed the vapor intrusion assessment work requested by the WDNR. Results of the vapor intrusion assessment and the groundwater contamination extent evaluation conducted in 2013 are discussed herein. Additionally, a brief summary of previous findings and recommendations for additional work are included in this letter.

SUMMARY OF PREVIOUS FINDINGS

Soil sampling was conducted at the site in 2005. Analysis of the soil samples confirmed that two volatile organic compounds (VOCs) are present in soil on the subject parcel, tetrachloroethene (PCE), and methylene chloride. The PCE-impacted soil was generally located around the southern end of the building. Sampling shows that the soil contamination does not extend to the groundwater table (30 ft deep) in this area. A small area of soil containing PCE was identified at the north edge of the pavement near the west side of the building. The distribution of the PCE seems to indicate that, at least in part, the PCE originated from a surface spill since the concentrations of the dry cleaning compounds are higher in the shallow soils. A map showing the PCE distribution in soil identified in 2005 is included as Figure 1.

In October 2005, five groundwater monitoring wells were installed around the site. Four of the wells were constructed so that the screened section intersects the water table and one was constructed so the screen was submerged approximately 25 feet below the water table (piezometer). Data from the wells was used to evaluate the vertical and horizontal hydraulic gradient and characterize the distribution of contaminants in the groundwater. Based on the results of the initial assessment activities and comments from the WDNR three additional groundwater monitoring wells were installed at the site in early July 2007. Two of the wells are screened at the water table (MW-5 and MW-6). These wells are located to the northeast and west of the area where contamination previously had been identified. The remaining well was screened deeper within the aquifer and is located adjacent to MW-4. The objective of this well was to evaluate whether PCE is migrating downward within the aquifer as groundwater flows to the northwest. The water level data showed that shallow groundwater flow is toward the west northwest. A typical water table contour map is attached (Figure 2).

Groundwater data collected from 2005 to 2008 indicate that the PCE release that occurred at the site has adversely impacted groundwater quality. The highest levels of chlorinated organic compounds in groundwater were present near the intersection of Elm and Dwight Streets (MW-4). The distribution of groundwater contamination in April 2008 is shown on Figure 3. The groundwater monitoring data was not sufficient to delimit the extent of the groundwater that has been impacted by the solvent release. Additionally, the data does not clearly show whether the higher PCE levels near the intersection of Elm and Dwight Streets reflect the northward migration of the groundwater contamination plume or whether there is a separate source of the contaminants located to the north. Groundwater monitoring data from the wells is compiled in Table 2.

RECENT ENVIRONMENTAL ACTIVITIES

Groundwater Assessment

On May 20, 2013 seven geoprobes were installed to the northwest of the subject property to evaluate the extent of PCE in the groundwater. Additionally, 2 geoprobes were installed on the properties immediately north and south of the site to further characterize the extent of impacted soils. Groundwater samples were collected from near the water table at the geoprobe borings since analytical data from the two piezometers at the site indicate that the solvent contamination is most severe near the water-table. Groundwater samples collected from the geoprobes were analyzed for volatile organic compounds (VOCs). No VOCs were present in 5 of the 7 groundwater samples. One analyte, PCE, was present in the remaining two groundwater samples (GP-13 and GP-17). Analytical data from the geoprobes is summarized in Table 2.

Groundwater chemistry data from the geoprobes generally is consistent with expectations. The two geoprobes where PCE was detected in the groundwater are located to the west northwest of the site on Old Woodman Road and Dwight Street. These sampling locations lie within the area where contamination was anticipated based on the monitoring well sampling. The PCE level at the sample collected along Old Woodman Road, approximately 500 feet west northwest of the site (GP-17), was 16.8 ug/l. The PCE level at the sample collected along Dwight Street approximately 860 feet west northwest of the site (GP-13) was 10.6 ug/l. The identified extent of PCE in the groundwater is shown on Figure 4. It appears the migration of PCE in the groundwater becomes more westerly downgradient from the site. This variation may be related to a change in the groundwater flow direction/preferential flow paths in the aquifer, multiple release areas resulting from migration through the sanitary sewers, or possibly a second release site and comingling of the plumes.

Soil Contamination Assessment

Soil samples were collected from the two geoprobes installed in 2013 and beneath the building slab at the former Highway Cleaners property. The sampling was intended to further define the limits of the PCE contamination previously identified at the site.

Borings B-18 and B-19 were installed to determine if the soil contamination migrated to neighboring properties. Boring B-18 was installed south of the building on what is now Brown's Gun Shop's property and B-19 was installed next to the Napa Store to the north. Soil samples were also collected from the borings for the sub slabs installed inside of the building. The results of the soil sampling showed that PCE is present in the soil from B-18 (31.9 ug/kg) but none was detected in B-19. The sub slab borings showed similar results, SS-1 was installed on the south side of the building and had 50.5 ug/kg PCE, while none was detected from the soil from SS-2 on the north side of the building.

Subslab Vapor Sampling

Vapor sampling was conducted at the site in July 2014. The original plan for vapor assessment included sampling at the subject parcel as well NAPA Auto and Brown's Gun Shop. However, the owners of the adjacent properties decided that they did not want the sub slab sampling conducted at this time. The owner of NAPA Auto did allow us to collect a soil gas sample as well as a sample of the indoor air at his property.

On June 25, 2014 vapor probes were installed at the building on the subject property. Two sub-slab probes were installed at the subject parcel and one probe was installed in the grassy area to the north of the building. This was to sample the soil gases next to Napa Auto. One of the sub-slab probes was installed near the southeast corner of the building near the sewer outfall (SS-1), and the other in the central part of the building (SS-2). The concrete slab at SS-1 was ~9 inches thick; the concrete at SS-2 was 3.5 inches thick. The concrete near the southeast corner of the building is much thicker than typical for the style of building and is likely a former equipment pad.

To install the sub-slab probes a 1.25" hole was drilled through the concrete floor and advanced to a depth of approximately 12-14 inches. A stainless steel sampling tip attached to a length of 1/4 OD Teflon tubing was placed in the hole. The area around the probe was filled with clean filtered sand (#30) to ~1 inch below the concrete floor slab. Granular bentonite was placed above the sand and extended upward to the just below the base of the floor. The bentonite was hydrated to provide a seal. The remaining borehole was sealed with hydraulic cement.

The soil gas probe was advanced to a depth of 3 feet (near the middle depth of identified soil contamination). A stainless steel sampling tip attached to a length of 1/4 OD Teflon tubing was placed in the hole. The area around the screen was packed with filter sand and the annular space was filled with bentonite to 3 inches below the ground surface.

Vapor sampling was conducted at the site on July 7-8, 2014. The vapor samples were collected using a 6-liter Summa canister provided by the Wisconsin State Lab of Hygiene. The sub-slab and soil gas sampling canister was equipped with a regulator so that the canister filled over a 30-minute period limiting the flow to approximately 200 ml/min. The canisters used to collect indoor air samples were equipped with regulators so that they filled over a 24 hour period. The vapor sample was analyzed for CVOCs.

Prior to collecting the sub-slab and soil gas samples a plastic well was placed around the sampling probe and sealed to the floor/ground with putty. A vacuum test was performed to ensure that the sampling lines did not leak. A vacuum of 18-19.5 inches Hg was applied to the sampling line. The vacuum was checked and fittings were tightened if leakage was noted. After the lines appeared to be tight the vacuum was monitored for a 5-minute period. No vacuum loss was noted during the monitoring period. After the vacuum test was passed the area within the containment well was filled with an 80 pound bentonite slurry mix to the 100 ml mark on the well. A small amount of air (~50 ml) was pumped into the ground via the sampling probe to look for leakage in the seal. No air bubbles were noted within the bentonite slurry inside the containment well so the surface seal appeared to be tight. Subsequently, 250 ml of vapor was pumped out of the sampling probe to purge the area around the point. Lastly, after the vacuum and surface leakage tests were completed satisfactorily the valve on the Summa canister was opened to collect the vapor sample.

Vapor sampling results at the site indicate that vapors beneath the building contain VOCs. Two compounds commonly used as cleaning solvents were detected, tetrachloroethene (PCE), and trichloroethene (TCE). The PCE level in the vapors beneath the southeast corner of the building (SS-1) was 15,000 ppbv above the WDNR sub slab screening level of 270 ppbv for non-residential properties. The PCE level in the vapors beneath the central part of the building (SS-2) was 87 ppbv, which did not exceed the WDNR sub-slab screening level for non-residential buildings. Vapor sampling data is summarized in Table 4 and sample locations are shown on Figure 6.

Indoor samples show that CVOCs are present in the indoor air in the building at the subject parcel (Carriage House) and the building to the north (NAPA Auto). The contaminant levels detected in the indoor air were both below the health advisory standards for both non-residential and residential properties. The highest CVOC levels noted in the buildings were PCE. The PCE concentrations in the indoor air samples were 2.9 ppbv at the subject site and 1.8 ppbv in the building immediately to the north. Results of the indoor air sampling are included on Table 4.

Two CVOCs, PCE and TCE, were detected in the soil gas sample collected between the subject building and NAPA Auto. The detected compounds are consistent with sub-slab and indoor air data. The concentrations detected in the soil gas sample were lower than in the other media. This is common since there is no cap over the grassy air to inhibit the upward migration of the contaminants. Thus, volatile gases are not concentrated in the area.

Passive Vapor Mapping

On June 25, 2014 15 passive samplers were installed around the area to provide an idea of the general distribution of contaminants. The sampling locations were selected to establish the distribution of CVOCs at the site near utility trenches as well as determining whether vapors are present on the neighboring residential properties. Shallow (14") boreholes were installed at each of the sampling locations. A collector tube containing adsorptive media was placed in each of the boreholes. A foil seal was placed above each collector tube and the surface was sealed with material similar to the adjacent surface (soil, asphalt). After 12 days the collector tubes were removed. The tubes were sealed, chain of custody and sampling forms were completed, and the samples were submitted to Beacon Environmental Services for analysis. The passive vapor samples were analyzed for VOCs including the chlorinated compounds (CVOCs) associated with dry cleaning activities. The Beacon report is attached.

CVOCs were identified in 11 of the 15 samples. The most widespread CVOC detected was trans 1,2 dichloroethene, which was present in 8 of the 15 samples. The trans 1,2 dichloroethene level ranged from <10 to 280 nanograms. Tetrachloroethene (PCE) was present in 7 of the 15 sampling points. The PCE levels in the passive samplers ranged from <10 to 4791 nanograms (ng). TCE was present in only 1 of the 15 sample points. Cis 1,2 dichloroethene, and vinyl chloride were not detected at any of the sample locations. Analytical data from the passive sampling are summarized in Table 5.

In addition to the CVOCs, petroleum related compounds were noted in several of the passive sampling points. With the exception of one sample (PS-1) the locations with petroleum -related compounds were located near the intersection of Elm and Dwight Streets. A closed LUST site is located at the northwest corner of the intersection.

Data collected using the passive samplers show that CVOC contamination near the subject parcel is centered around the southern end of the former dry cleaner building. Soil contamination was previously identified in this area. Outside of this area the CVOC levels in the passive samplers dropped rapidly. Five passive samplers were installed between the north side of the property and Dwight Street, which is located ~280 feet to the north. No PCE was detected in those samplers. A second area of elevated CVOCs was identified in the passive samplers near the intersection of Elm and Dwight Streets. Since the sanitary outfall from the building does not flow north along Elm Street (it flows west toward Old Woodman Road) it does not appear that the contamination in the second area is related to migration through the sanitary sewer or other utilities located along Elm Street. The passive sampling locations and a contour of PCE in the passive gasses are shown on Figure 7.

A line of four passive samplers were installed on the northern side of Dwight Street where public utilities are located. Those samplers, PS-10, PS-13, PS-14, and PS-15, indicate that migration along the sanitary sewers may have occurred. PCE was present at PS-14 and PS-15, which are located toward the western edge of the passive monitoring network. This is the direction of flow in the sanitary sewer that services the site.

One of the passive points, PS-6, was installed adjacent to the locations where the soil gas sample was collected to provide a general correlation between the two datasets. No CVOCs were detected in the passive sample even though low levels of PCE and TCE were present in the soil gases nearby.

CONCLUSIONS

The data collected to date indicates that PCE contamination is present in the soil and groundwater around the site. Additionally, soil vapors beneath the building at the site exceed the WDNR subslab screening levels.

The soil contamination identified appears to be limited to the subject parcel and small areas on the adjacent parcels immediately to the north and south. The soil contamination identified is restricted to soils from near the surface to a depth of ~10 feet below grade. The shallower soil contamination lies on the north side of the building. Based on the information collected to date we estimate that 650 cubic yards of soil contain CVOCs in excess of the groundwater protection levels. Unfortunately, a large percentage of this soil is located directly below the building at the site so is not accessible.

Groundwater containing CVOCs in excess of NR140 ESs originates at the subject parcel and extends to the west northwest to the limit of the area that has been sampled (over 900 feet). Data from the piezometers indicates that the groundwater contamination does not extend significantly (<20 feet) into the aquifer along Elm Street. We do not know whether additional downward migration occurs further downgradient (northwest). Data from the geoprobes installed in 2013 indicate that the CVOC groundwater contamination at the water-table does not extend substantially to the north of Dwight Street. This is consistent with data collected at the former Citgo LUST site that showed PCE levels declined to below the ES at a monitoring well just north of the property.

Vapor analytical data show that elevated levels of PCE are present beneath the southeast corner of the building slab at the subject parcel. Both passive vapor and soil analytical data indicate that it is likely that elevated levels of CVOCs could be present beneath the building immediately to the south (Brown's Gun Shop).

RECOMMENDATIONS

Based on the data collected to date and the remaining question regarding the severity of the contamination we recommend that the following actions be considered.

- Install additional monitoring wells to the west and northwest of the existing network so that the extent of the contamination exceeding NR 140 standards is delimited. Suggested locations are shown on Figure 8.
- Conduct a "hot-spot" excavation to remove accessible soil contamination from around the building. Excavation will be difficult because of the utilities in the area.
- Install a sub-slab depressurization system at the building on the site to alleviate the accumulation of hazardous vapors below, and potentially inside, the building. We plan to do this concurrently with the excavation.
- Conduct the previously-approved sub-slab sampling at the adjacent buildings to the north and south to determine whether hazardous vapor may be accumulating at those sites.

Please call me at 608-838-9120 if you have any questions or would like additional information.

Sincerely,
Seymour Environmental Services, Inc.

Robyn Seymour

Robyn Seymour, P.G.
Hydrogeologist

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TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
Mound City Bank Property - 1509 Elm Street - Boscobel, Wisconsin

WELL	Date	Groundwater		Select VOCs					
		Depth	Elevation	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride	Toluene
MW-1	10/19/05	30.34	963.65	**25**	<0.20	<0.50	<0.50	<0.20	<0.20
	1/25/06	30.52	963.47	**18**	<0.20	<0.50	<0.50	<0.20	<0.20
	10/3/07	28.31	965.68	**23**	<0.48	<0.83	<0.89	<0.18	<0.67
	4/2/08	28.53	965.46	**39.2**	<0.48	<0.83	<0.89	<0.18	<0.67
MW-2	10/19/05	30.70	963.82	**10**	<0.20	<0.50	<0.50	<0.20	<0.20
	1/25/06	30.92	963.60	**15**	<0.20	<0.50	<0.50	<0.20	<0.20
	10/3/07	28.69	965.83	**9.8**	<0.48	<0.83	<0.89	<0.18	<0.67
	4/2/08	28.92	965.60	**27.3**	<0.48	<0.83	<0.89	<0.18	<0.67
MW-3	10/19/05	31.21	963.55	**13**	<0.20	<0.50	<0.50	<0.20	<0.20
	1/25/06	31.39	963.37	**5.8**	<0.20	<0.50	<0.50	<0.20	<0.20
	10/3/07	29.26	965.50	**77**	**1.2**	1.6	<0.89	<0.18	<0.67
	4/2/08	29.45	965.31	**82.6**	**1.2**	1.5	<0.89	<0.18	<0.67
MW-4	10/19/05	31.49	963.34	**210**	**1.9**	3.4	<2.5	<1.0	<1.0
	1/25/06	31.63	963.20	**34**	0.39	0.89	<0.50	<0.20	<0.20
	10/3/07	29.56	965.27	**110**	**2.0**	4.1	<0.89	<0.18	<0.67
	4/2/08	29.74	965.09	**236**	**4.4**	7.6	<0.89	<0.18	<0.67
MW-5	10/3/07	29.17	965.61	**6.2**	<0.48	<0.83	<0.89	<0.18	<0.67
	4/2/08	29.38	965.40	**0.66**	<0.48	<0.83	<0.89	<0.18	<0.67
MW-6	10/3/07	28.47	965.21	**51**	<0.48	<0.83	<0.89	<0.18	<0.67
	4/2/08	28.62	965.06	**24.1**	<0.48	<0.83	<0.89	<0.18	<0.67
PZ-1	10/19/05	30.41	963.68	<0.50	<0.20	<0.50	<0.50	<0.20	<0.20
	1/25/06	30.61	963.48	<0.50	<0.20	<0.50	<0.50	<0.20	<0.20
	10/3/07	28.43	965.66	<0.45	<0.48	<0.83	<0.89	<0.18	<0.67
	4/2/08	28.64	965.45	<0.45	<0.48	<0.83	<0.89	<0.18	<0.67
PZ-4	10/3/07*	32.46	962.05	na	na	na	na	na	na
	4/2/08	29.40	965.11	<0.45	<0.48	<0.83	<0.89	<0.18	<0.67
NR140 PAL		--	--	0.5	0.5	7	20	0.02	200
NR140 ES		--	--	5	5	70	100	0.2	1000

- All concentrations are listed in ug/l
* Sample could not be analyzed because of high sediment levels
- NR140 PAL = Preventative action level (bold)
- NR140 ES = Enforcement standard (shaded)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA FROM GEOPROBES (May 2013)
Mound City Bank Property - 1509 Elm Street - Boscobel, Wisconsin

WELL	Date	Select VOCs					
		Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride	Toluene
GP-11	05/20/13	<0.47	<0.43	<0.42	<0.37	<0.18	<0.44
GP-12	05/20/13	<0.47	<0.43	<0.42	<0.37	<0.18	<0.44
GP-13	05/20/13	**10.6**	<0.43	<0.42	<0.37	<0.18	<0.44
GP-14	05/20/13	<0.47	<0.43	<0.42	<0.37	<0.18	<0.44
GP-15	05/20/13	<0.47	<0.43	<0.42	<0.37	<0.18	<0.44
GP-16	05/20/13	<0.47	<0.43	<0.42	<0.37	<0.18	<0.44
GP-17	05/20/13	**16.8**	<0.43	<0.42	<0.37	<0.18	<0.44
NR140 PAL		0.5	0.5	7	20	0.02	200
NR140 ES		5	5	70	100	0.2	1000

- All concentrations are listed in ug/l
* Sample could not be analyzed because of high sediment levels
- NR140 PAL = Preventative action level (bold)
- NR140 ES = Enforcement standard (shaded)

TABLE 3
SUMMARY OF SOIL ANALYTICAL DATA
Mound City Bank Property - 1509 Elm Street - Boscobel, Wisconsin

Sample Locations	Depth (ft)	Date	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride	Toluene	Methylene chloride
B-1	32-33	1/19/05	<25	<25	<25	<25	<25	<25	<25
B-5	28-30	2/28/05	<25	<25	<25	<25	<25	<25	<25
B-6	28-30		<28	<28	<28	<28	<28	<28	<25
B-7	28-30		<25	<25	<25	<25	<25	<25	<25
B-9	28-30		<25	<25	<25	<25	<25	<25	<25
B-11	0-2	9/13/05	<27	<27	<27	<27	<38	<27	<55
B-11	8-10		<28	<28	<28	<28	<39	<28	<55
B-12	1.5-2.5		<28	<28	<28	<28	<39	<28	<55
B-12	9-10		<28	<28	<28	<28	<39	<28	<55
B-13	6-8		**37**	<28	<28	<28	<39	<28	<55
B-13	8-10		<28	<28	<28	<28	<39	<28	**310**
B-14	6-8		**1000**	<28	<28	<28	<39	<28	<56
B-14	8-10		**38**	<27	<27	<27	<38	<27	**370**
B-15	4-6		**1300**	<27	<27	<27	<38	<27	<54
B-15	8-10		**5500**	<31	<31	<31	<43	<31	<62
B-16	0-2		<33	<33	<33	<33	<47	<33	<67
B-16	8-10		**260**	<52	<52	<52	<73	<52	**200**
B-17	0-2		<27	<27	<27	<27	<37	<27	<53
B-17	8-10		**46**	<27	<27	<27	<38	<27	<55
B-18	0-2		<28	<28	<28	<28	<40	<28	<57
B-18	8-10		<30	<30	<30	<30	<41	<30	<59
B-19	0-2		<30	<30	<30	<30	<42	<30	<61
B-19	6-8		<31	<31	<31	<31	<43	<31	**380**
B-20	0-2		<30	<30	<30	<30	<42	<30	<61
B-20	8-10		<29	<29	<29	<29	<40	<29	<57
B-21	0-2		**210**	<27	<27	<27	<37	<27	<53
B-21	8-10		<29	<29	<29	<29	<41	<29	**600**
B-22	2-4		<36	<36	<36	<36	<50	<36	<71
B-22	8-10		<29	<29	<29	<29	<40	<29	<58
GP-18	10	05/20/13	**31.9**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
GP-19	4		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
SS-1	1	06/19/14	**50.5**	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
SS-2	1		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Groundwater Protection Level			4.5	3.6	41.2	58.8	0.1	1107	2.6
Direct Contact Hazard Level			30,700	644	156,000	211,000	67	818,000	60,700

- Concentrations are listed in ug/kg
- Detected compounds shown in bold
- Groundwater Proetction Level from WDNR Calculator (exceedances shaded)
- Direct Contact Hazard Level from WDNR Calculator - non industrial

TABLE 4
SUMMARY OF VAPOR ANALYTICAL DATA
Mound City Bank Property - 1509 Elm Street - Boscobel, Wisconsin

FIELD SAMPLING DATA

SAMPLE ID	Line Vacuum (inches Hg)		PID Reading	Startup			Completion		
	Initial	5 min.		Date	Time	Vacuum	Date	Time	Vacuum
SS-1	19.5	19.5	0	7/7/14	10:58	23.5	7/7/14	11:49	0
SS-2	18.5	18.5	0	7/7/14	11:25	24	7/7/14	11:54	0
SG-1	18.0	18.0	0	7/7/14	11:39	24.5	7/7/14	12:11	0
Carraige House (indoor)	--	--	0	7/7/14	11:31	27	7/8/14		
NAPA (indoor)	--	--	0	7/7/14	11:37	24.5	7/8/14		

ANALYTICAL RESULTS

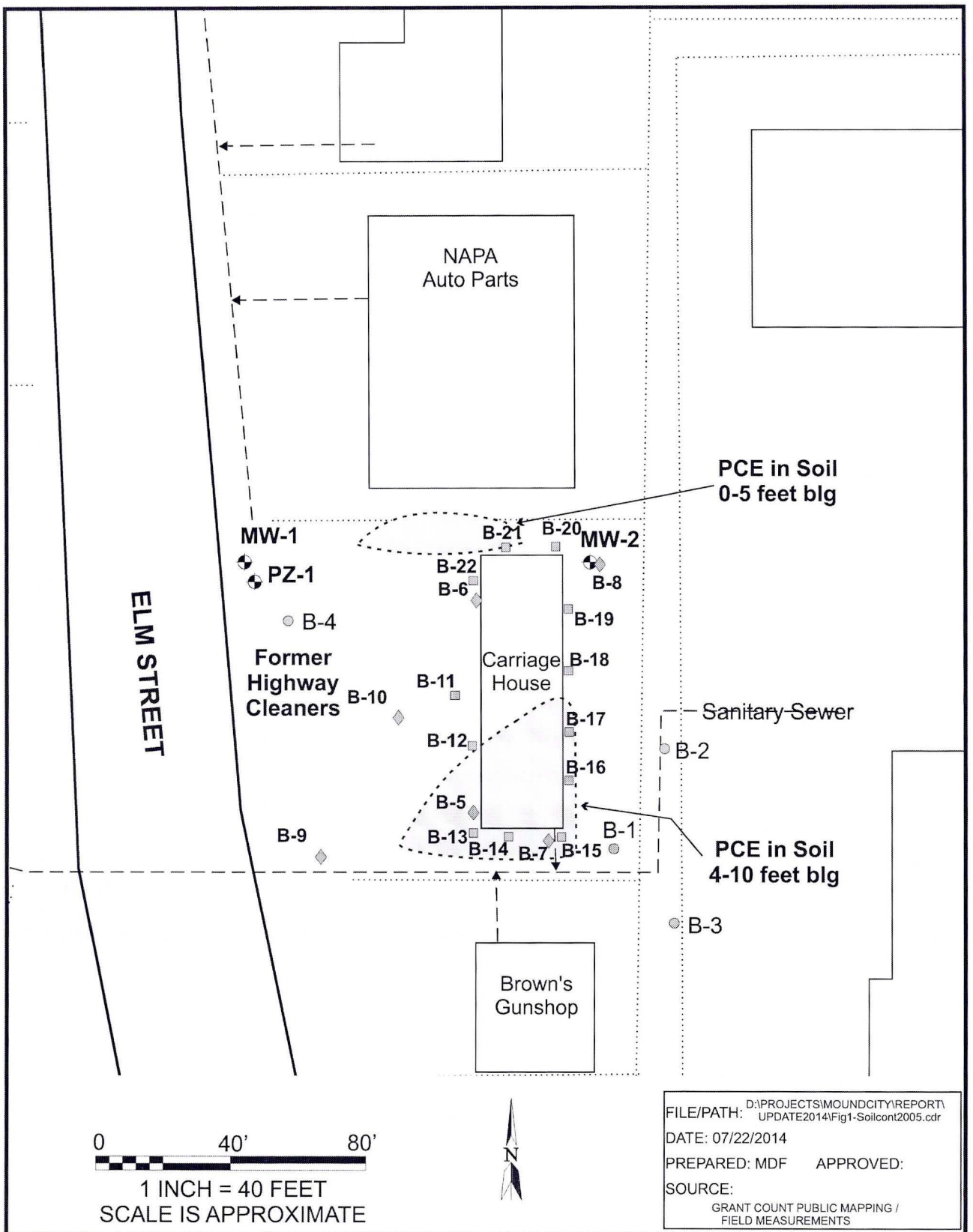
SAMPLE ID	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride
units	vppb	vppb	vppb	vppb	vppb
SS-1	**15000**	<130	<130	<130	<130
SS-2	**87**	**3.1**	<2.1	<2.1	<2.1
SG-1	**0.69**	**0.12**	<0.085	<0.085	<0.085
Carraige House Indoor	**2.9**	**0.16**	<0.085	<0.085	<0.085
NAPA Indoor	**1.8**	**0.19**	**0.22**	**3.0**	<0.085
Non-Residential					
Indoor Air Standard (vppb)	27	1.6	ne	65	11
Subslab Standard (10x)	270	16	ne	650	110

- Analytical results and standards listed in vppb
- Detected values shown in bold
- ne = no standards established
- Underlined values exceed non-residential indoor air standard
- Shaded Values exceed non-residential sub-slab screening level

TABLE 5
SUMMARY OF PASSIVE VAPOR ANALYTICAL DATA
Mound City Bank Property - 1509 Elm Street - Boscobel, Wisconsin

Sample ID	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride	Toluene	MTBE	Naphthalene	2-methylnaphthalene	Chloroform
PS-1	<10	<10	<10	**280**	<10	**27**	**43**	<25	<25	<25
PS-2	**4791**	**8**	<10	**6**	<10	<25	<25	<25	<25	<25
PS-3	**1465**	<10	<10	<10	<10	<25	<25	<25	<25	<25
PS-4	**14**	<10	<10	**88**	<10	<25	<25	<25	<25	<25
PS-5	<10	<10	<10	**7**	<10	<25	<25	<25	<25	<25
PS-6	<10	<10	<10	<10	<10	<25	<25	<25	<25	<25
PS-7	<10	<10	<10	<10	<10	<25	<25	<25	<25	<25
PS-8	<10	<10	<10	**7**	<10	<25	<25	<25	<25	<25
PS-9	<10	<10	<10	<10	<10	<25	<25	<25	<25	<25
PS-10	**20**	<10	<10	<10	<10	<25	<25	**40**	**175**	<25
PS-11	**58**	<10	<10	**9**	<10	<25	<25	**66**	**78**	<25
PS-12	<10	<10	<10	<10	<10	<25	<25	<25	<25	<25
PS-13	<10	<10	<10	**14**	<10	<25	<25	<25	**41**	<25
PS-14	**13**	<10	<10	<10	<10	<25	<25	<25	<25	<25
PS-15	**23**	<10	<10	**22**	<10	<25	<25	<25	**58**	<25

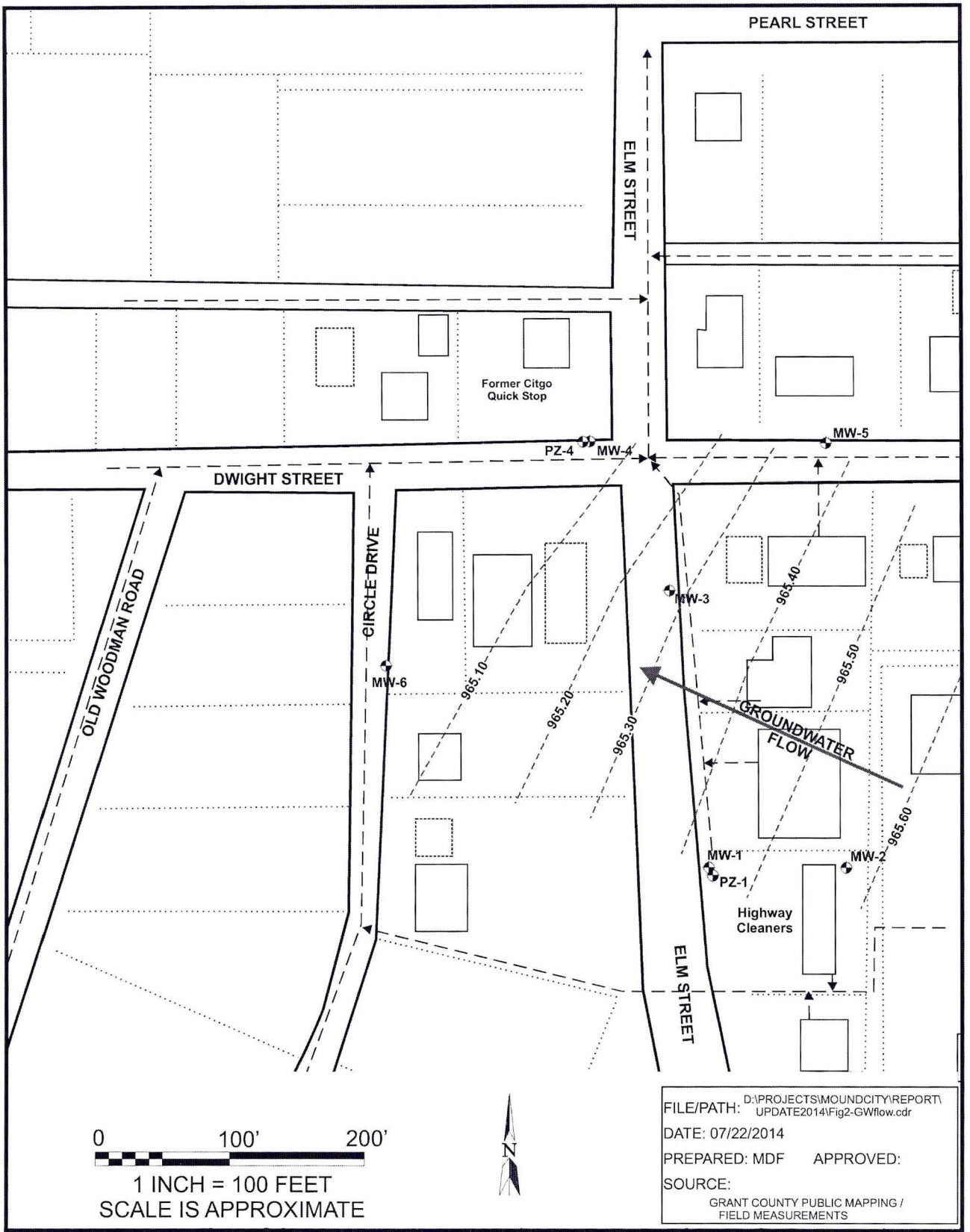
- Analytical results listed in nanograms
- Detected values shown in bold



SEYMOUR ENVIRONMENTAL SERVICES, INC.

IDENTIFIED SOIL CONTAMINATION (2005)
Mound City Bank Property
1509 Elm Street
Boscobel, Wisconsin

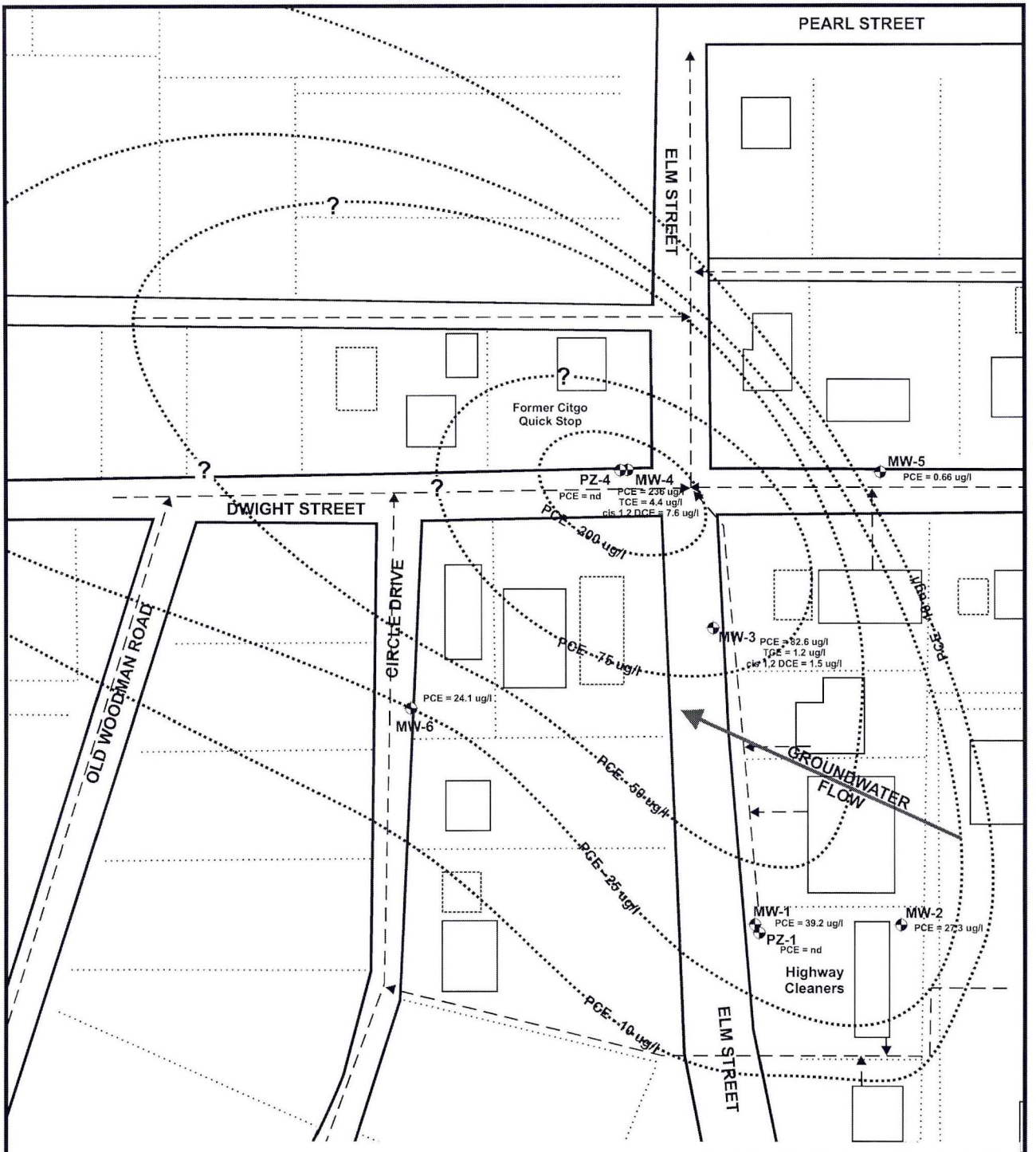
FIGURE
1



SEYMOUR ENVIRONMENTAL SERVICES, INC.

Groundwater Flow Direction (April 2008)
Mound City Bank Property
1509 Elm Street
Boscobel, Wisconsin

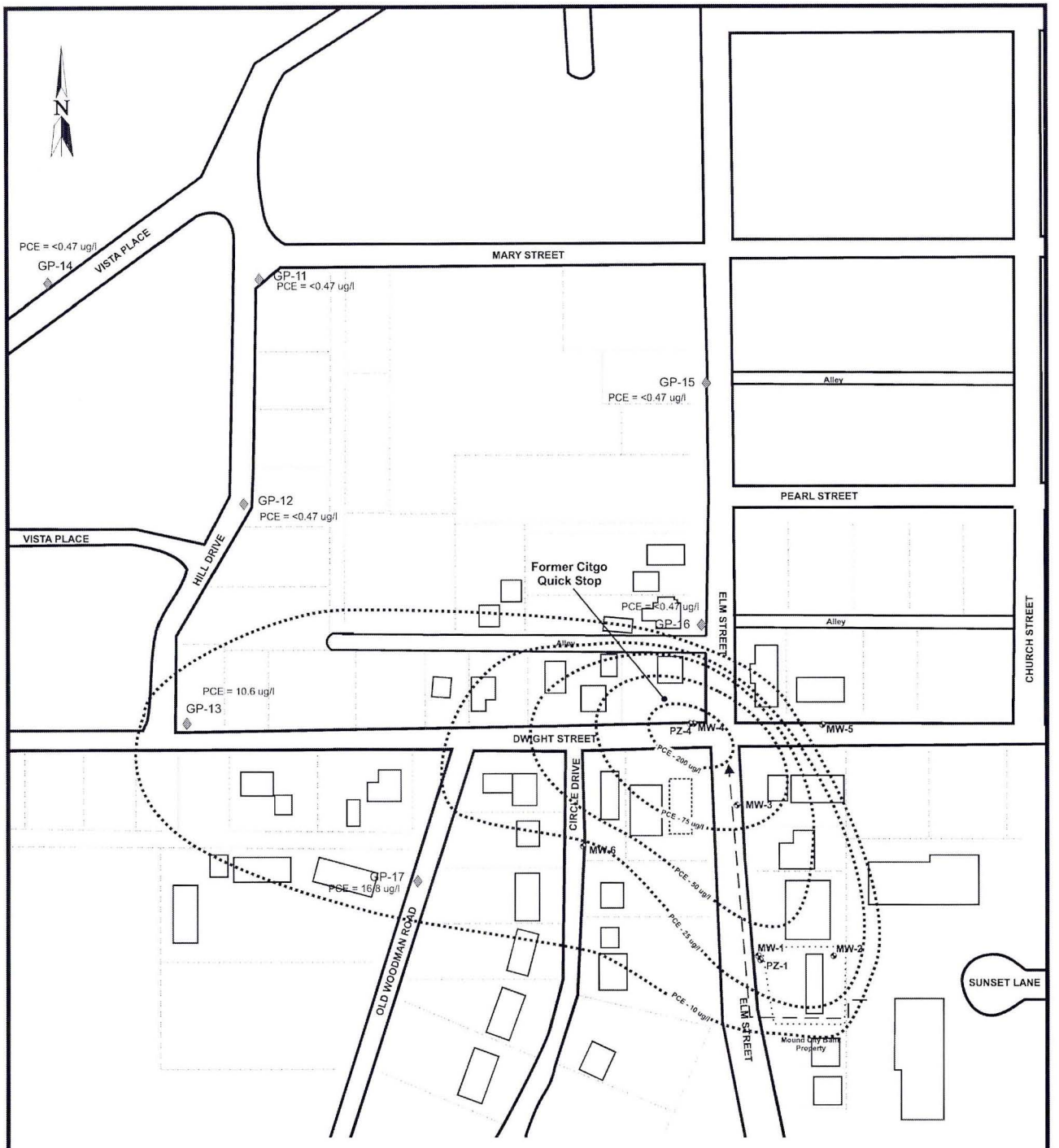
FIGURE
2



SEYMOUR ENVIRONMENTAL SERVICES, INC.

GROUNDWATER ANALYTICAL DATA (April 2008)
Mound City Bank Property
1509 Elm Street
Boscobel, Wisconsin

FIGURE 3



LEGEND

GP-12 ◆ - Geoporbe Groundwater Sample Location (may 2013)

0 200' 400'

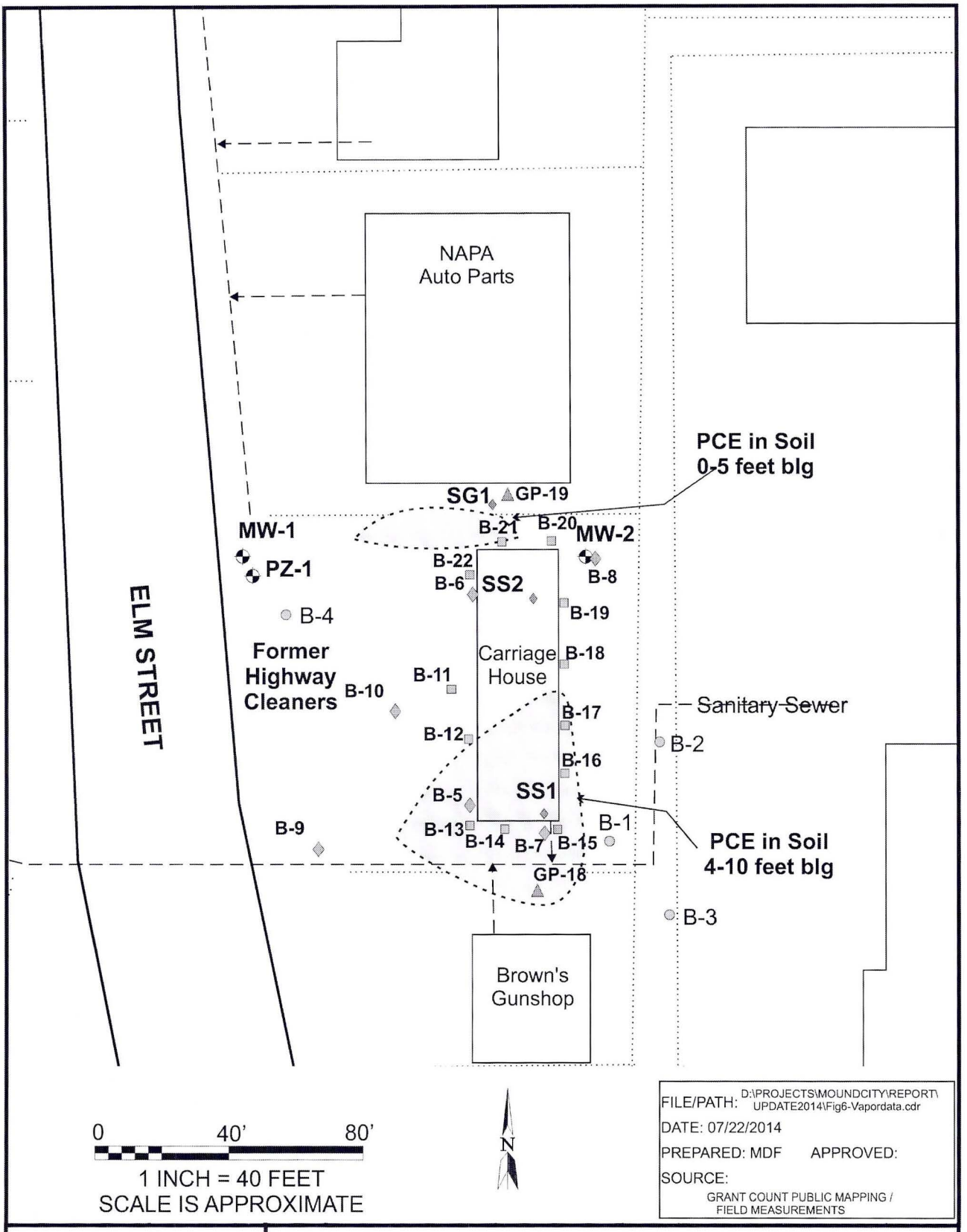
1 INCH = 200 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\MOUNDCITY\REPORT\UPDATE2014\Fig4-gwprobes.cdr
DATE: 07/22/2014
PREPARED: MDF APPROVED:
SOURCE: GRANT COUNTY PUBLIC MAPPING / FIELD MEASUREMENTS

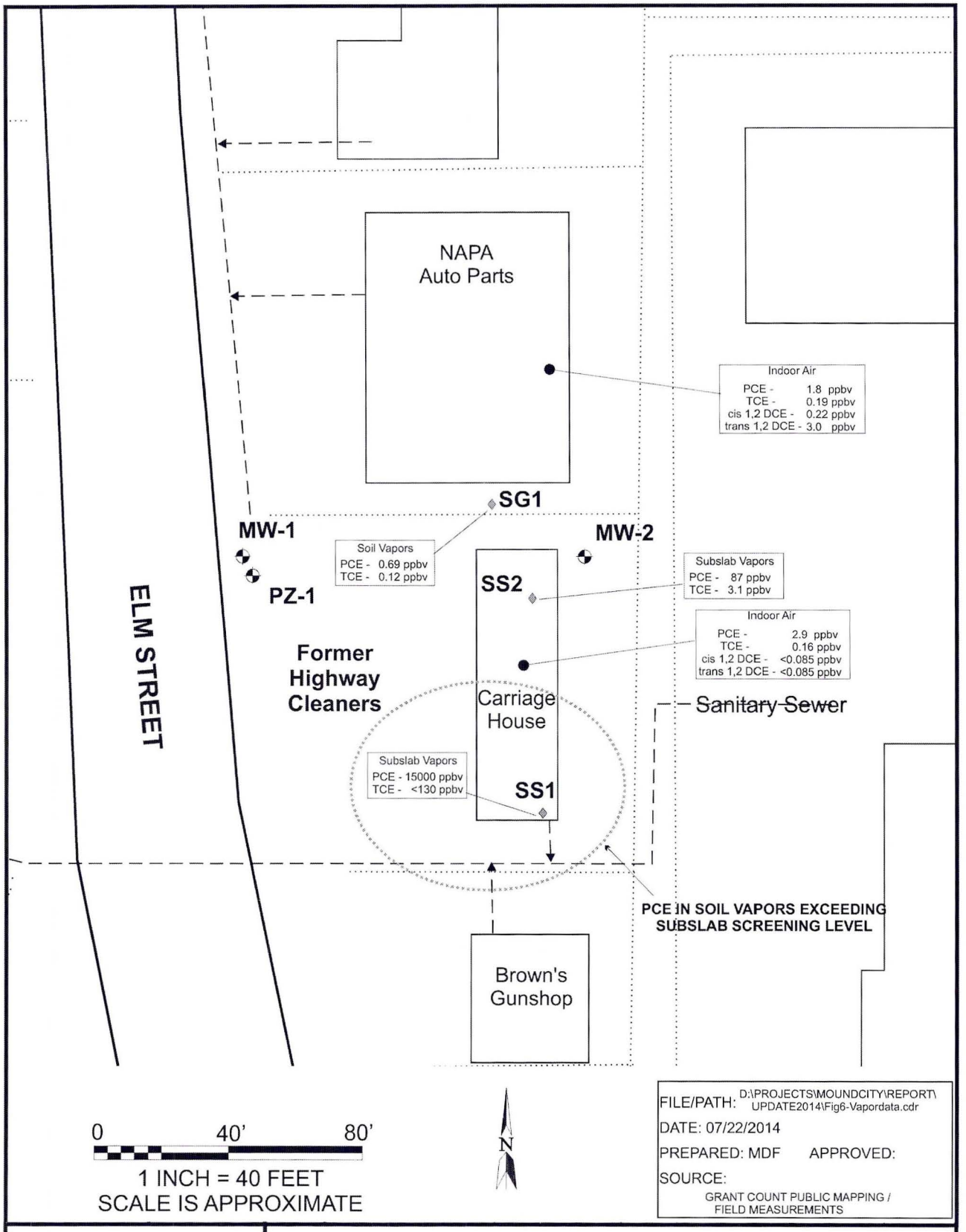
SEYMOUR ENVIRONMENTAL SERVICES, INC.

GEOPROBES / PCE in GROUNDWATER (May 2013)
Mound City Bank Property
1509 Elm Street
Boscobel, Wisconsin

FIGURE
4



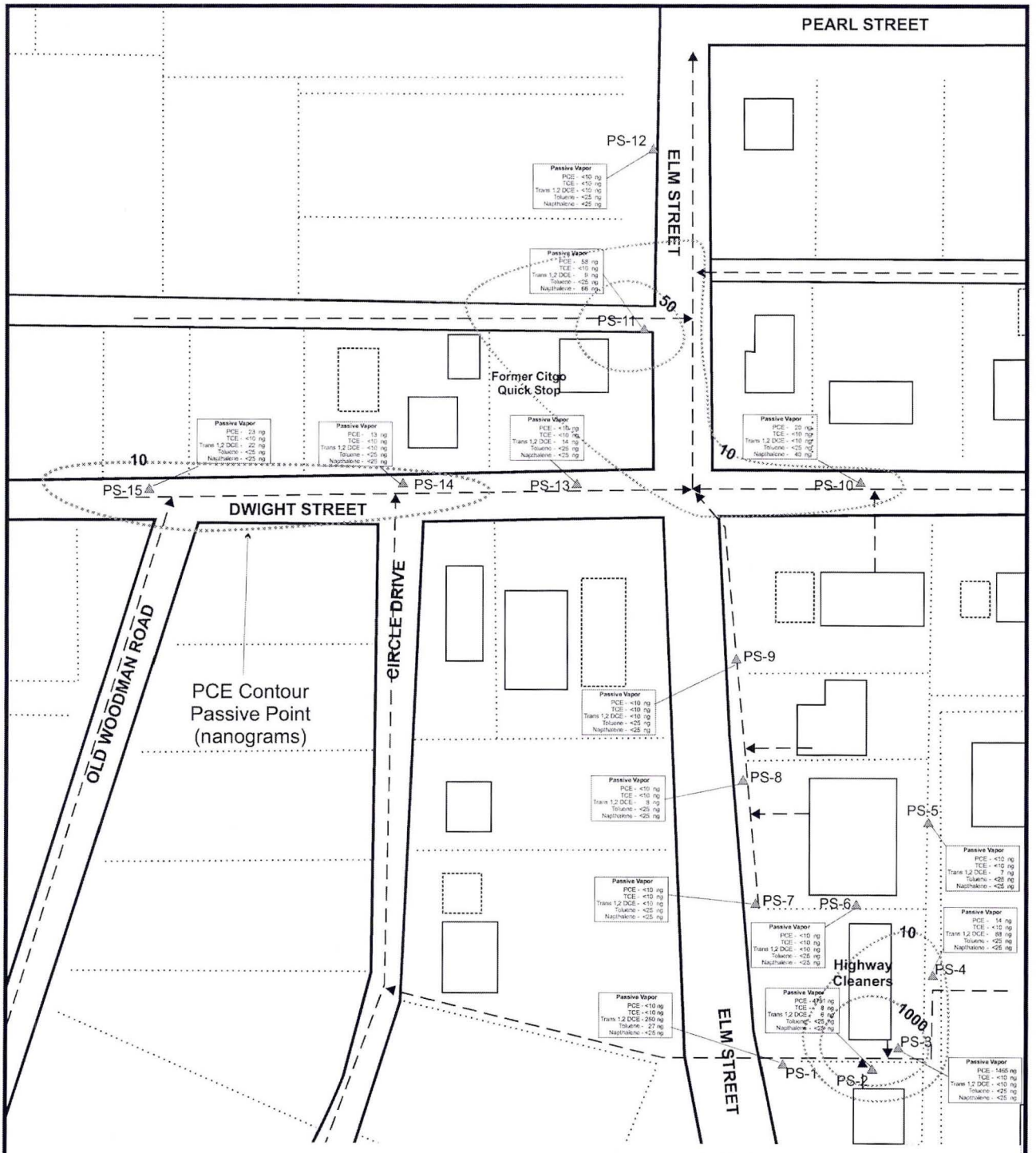
SEYMOUR ENVIRONMENTAL SERVICES, INC.	SOIL CONTAMINATION (2014) Mound City Bank Property 1509 Elm Street Boscobel, Wisconsin	FIGURE 5



SEYMOUR ENVIRONMENTAL SERVICES, INC.

VAPOR SAMPLING RESULTS
Mound City Bank Property
1509 Elm Street
Boscobel, Wisconsin

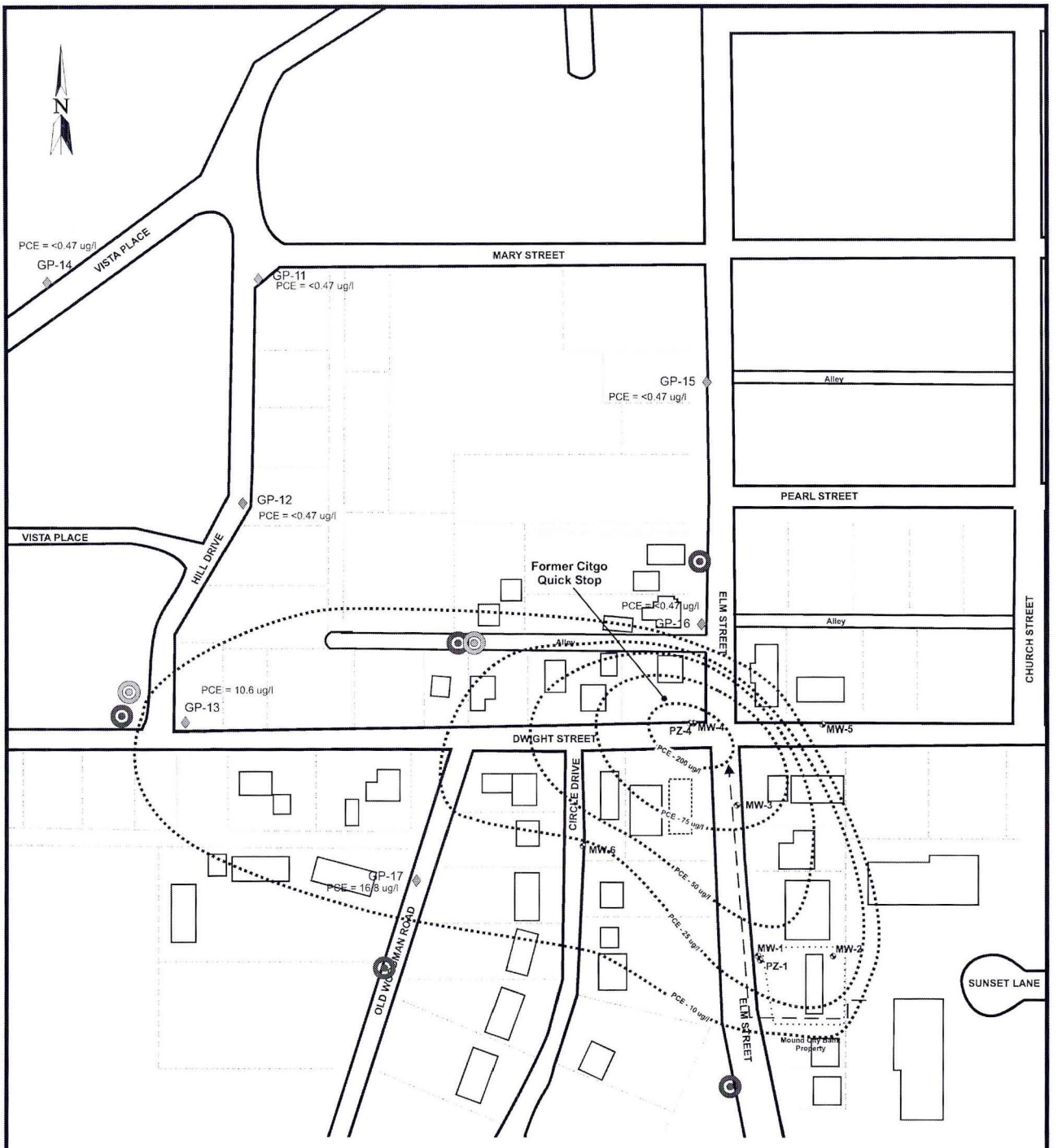
FIGURE
6



SEYMOUR ENVIRONMENTAL SERVICES, INC.

PASSIVE SAMPLING DATA
Mound City Bank Property
1509 Elm Street
Boscobel, Wisconsin

FIGURE
7



LEGEND

GP-12 ◆ - Geoprobe Groundwater Sample Location (May 2013)

◎ - Proposed Water-table Well

◎ - Proposed Piezometer

0 200' 400'

1 INCH = 200 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\MOUNDCITY\REPORT\UPDATE2014\Fig4-gwprobes.cdr
DATE: 07/22/2014
PREPARED: MDF APPROVED:
SOURCE:
GRANT COUNTY PUBLIC MAPPING / FIELD MEASUREMENTS

SEYMOUR ENVIRONMENTAL SERVICES, INC.

PROPOSED MONITORING WELLS
Mound City Bank Property
1509 Elm Street
Boscobel, Wisconsin

FIGURE
8

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

June 07, 2013

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: MOUND CITY
Pace Project No.: 4078559

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on May 24, 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,

Dan Milewsky

dan.milewsky@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: MOUND CITY
Pace Project No.: 4078559

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: MOUND CITY
Pace Project No.: 4078559

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4078559001	B-11	Water	05/20/13 10:10	05/24/13 09:25
4078559002	B-12	Water	05/20/13 11:15	05/24/13 09:25
4078559003	B-13	Water	05/20/13 12:30	05/24/13 09:25
4078559004	B-14	Water	05/20/13 13:35	05/24/13 09:25
4078559005	B-15	Water	05/20/13 14:30	05/24/13 09:25
4078559006	B-16	Water	05/20/13 15:45	05/24/13 09:25
4078559007	B-17	Water	05/20/13 16:45	05/24/13 09:25
4078559008	B-18, 10'	Solid	05/20/13 17:15	05/24/13 09:25
4078559009	B-19, 4'	Solid	05/20/13 17:30	05/24/13 09:25

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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: MOUND CITY
Pace Project No.: 4078559

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4078559001	**B-11**	EPA 8260	LAP	64	PASI-G
4078559002	**B-12**	EPA 8260	LAP	64	PASI-G
4078559003	**B-13**	EPA 8260	LAP	64	PASI-G
4078559004	**B-14**	EPA 8260	LAP	64	PASI-G
4078559005	**B-15**	EPA 8260	LAP	64	PASI-G
4078559006	**B-16**	EPA 8260	LAP	64	PASI-G
4078559007	**B-17**	EPA 8260	LAP	64	PASI-G
4078559008	**B-18, 10'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4078559009	**B-19, 4'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G

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

PROJECT NARRATIVE

Project: MOUND CITY
Pace Project No.: 4078559

Method: EPA 8260
Description: 8260 MSV Med Level Normal List
Client: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Date: June 07, 2013

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

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

Sample Preparation:
The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

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

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

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

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

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

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

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

QC Batch: MSV/19842

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

Additional Comments:

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

PROJECT NARRATIVE

Project: MOUND CITY
Pace Project No.: 4078559

Method: **EPA 8260**
Description: 8260 MSV
Client: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Date: June 07, 2013

General Information:
7 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.

QC Batch: MSV/19786

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4078515006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 798811)
  - Styrene
- MSD (Lab ID: 798812)
  - Styrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 798812)
  - Styrene

Additional Comments:

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

Pace Analytical
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-11 **Lab ID: 4078559001** Collected: 05/20/13 10:10 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:29	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:29	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		05/29/13 21:29	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 21:29	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		05/29/13 21:29	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		05/29/13 21:29	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 21:29	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		05/29/13 21:29	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 21:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		05/29/13 21:29	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		05/29/13 21:29	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:29	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		05/29/13 21:29	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 21:29	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:29	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		05/29/13 21:29	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		05/29/13 21:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		05/29/13 21:29	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:29	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:29	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		05/29/13 21:29	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 21:29	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		05/29/13 21:29	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		05/29/13 21:29	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:29	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 21:29	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 21:29	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		05/29/13 21:29	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:29	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		05/29/13 21:29	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		05/29/13 21:29	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		05/29/13 21:29	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		05/29/13 21:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		05/29/13 21:29	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:29	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:29	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		05/29/13 21:29	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		05/29/13 21:29	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 21:29	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		05/29/13 21:29	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		05/29/13 21:29	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 21:29	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:29	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		05/29/13 21:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 21:29	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: MOUND CITY
Pace Project No.: 4078559

Sample: B-11 **Lab ID: 4078559001** Collected: 05/20/13 10:10 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		05/29/13 21:29	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		05/29/13 21:29	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:29	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		05/29/13 21:29	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 21:29	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:29	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 21:29	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 21:29	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:29	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		05/29/13 21:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		05/29/13 21:29	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 21:29	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/29/13 21:29	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		05/29/13 21:29	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	43-137		1		05/29/13 21:29	460-00-4	
Dibromofluoromethane (S)	89	%	70-130		1		05/29/13 21:29	1868-53-7	
Toluene-d8 (S)	88	%	55-137		1		05/29/13 21:29	2037-26-5	

Sample: B-12 **Lab ID: 4078559002** Collected: 05/20/13 11:15 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:52	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:52	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		05/29/13 21:52	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 21:52	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		05/29/13 21:52	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		05/29/13 21:52	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 21:52	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		05/29/13 21:52	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 21:52	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		05/29/13 21:52	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		05/29/13 21:52	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:52	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		05/29/13 21:52	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 21:52	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:52	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		05/29/13 21:52	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		05/29/13 21:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		05/29/13 21:52	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-12 **Lab ID: 4078559002** Collected: 05/20/13 11:15 Received: 05/24/13 09:25 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		05/29/13 21:52	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:52	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		05/29/13 21:52	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 21:52	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		05/29/13 21:52	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		05/29/13 21:52	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:52	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 21:52	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 21:52	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		05/29/13 21:52	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:52	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		05/29/13 21:52	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		05/29/13 21:52	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		05/29/13 21:52	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		05/29/13 21:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		05/29/13 21:52	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:52	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:52	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		05/29/13 21:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		05/29/13 21:52	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 21:52	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		05/29/13 21:52	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		05/29/13 21:52	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 21:52	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:52	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		05/29/13 21:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 21:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		05/29/13 21:52	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		05/29/13 21:52	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:52	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		05/29/13 21:52	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 21:52	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 21:52	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 21:52	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 21:52	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 21:52	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		05/29/13 21:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		05/29/13 21:52	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 21:52	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/29/13 21:52	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		05/29/13 21:52	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 21:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	43-137		1		05/29/13 21:52	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		05/29/13 21:52	1868-53-7	
Toluene-d8 (S)	88	%	55-137		1		05/29/13 21:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-13 **Lab ID: 4078559003** Collected: 05/20/13 12:30 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:15	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:15	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		05/29/13 22:15	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 22:15	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		05/29/13 22:15	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		05/29/13 22:15	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 22:15	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		05/29/13 22:15	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 22:15	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		05/29/13 22:15	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		05/29/13 22:15	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:15	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		05/29/13 22:15	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 22:15	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:15	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		05/29/13 22:15	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		05/29/13 22:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		05/29/13 22:15	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:15	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:15	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		05/29/13 22:15	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 22:15	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		05/29/13 22:15	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		05/29/13 22:15	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:15	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 22:15	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 22:15	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		05/29/13 22:15	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:15	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		05/29/13 22:15	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		05/29/13 22:15	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		05/29/13 22:15	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		05/29/13 22:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		05/29/13 22:15	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:15	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:15	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		05/29/13 22:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		05/29/13 22:15	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 22:15	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		05/29/13 22:15	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		05/29/13 22:15	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 22:15	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:15	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		05/29/13 22:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 22:15	630-20-6	

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-13 **Lab ID: 4078559003** Collected: 05/20/13 12:30 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		05/29/13 22:15	79-34-5	
Tetrachloroethene	**10.6**	ug/L	1.0	0.47	1		05/29/13 22:15	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		05/29/13 22:15	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 22:15	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:15	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 22:15	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 22:15	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:15	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		05/29/13 22:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		05/29/13 22:15	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 22:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/29/13 22:15	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		05/29/13 22:15	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	43-137		1		05/29/13 22:15	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		05/29/13 22:15	1868-53-7	
Toluene-d8 (S)	85	%	55-137		1		05/29/13 22:15	2037-26-5	

Sample: B-14 **Lab ID: 4078559004** Collected: 05/20/13 13:35 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:38	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:38	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		05/29/13 22:38	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 22:38	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		05/29/13 22:38	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		05/29/13 22:38	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 22:38	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		05/29/13 22:38	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 22:38	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		05/29/13 22:38	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		05/29/13 22:38	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:38	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		05/29/13 22:38	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 22:38	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:38	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		05/29/13 22:38	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		05/29/13 22:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		05/29/13 22:38	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-14 **Lab ID: 4078559004** Collected: 05/20/13 13:35 Received: 05/24/13 09:25 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		05/29/13 22:38	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:38	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		05/29/13 22:38	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 22:38	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		05/29/13 22:38	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		05/29/13 22:38	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:38	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 22:38	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 22:38	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		05/29/13 22:38	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:38	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		05/29/13 22:38	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		05/29/13 22:38	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		05/29/13 22:38	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		05/29/13 22:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		05/29/13 22:38	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:38	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:38	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		05/29/13 22:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		05/29/13 22:38	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 22:38	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		05/29/13 22:38	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		05/29/13 22:38	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 22:38	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:38	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		05/29/13 22:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 22:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		05/29/13 22:38	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		05/29/13 22:38	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:38	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		05/29/13 22:38	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 22:38	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 22:38	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 22:38	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 22:38	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 22:38	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		05/29/13 22:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		05/29/13 22:38	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 22:38	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/29/13 22:38	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		05/29/13 22:38	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 22:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	43-137		1		05/29/13 22:38	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		05/29/13 22:38	1868-53-7	
Toluene-d8 (S)	86	%	55-137		1		05/29/13 22:38	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: MOUND CITY
Pace Project No.: 4078559

Sample: B-15 **Lab ID: 4078559005** Collected: 05/20/13 14:30 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:00	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:00	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		05/29/13 23:00	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:00	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		05/29/13 23:00	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		05/29/13 23:00	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:00	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		05/29/13 23:00	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 23:00	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:00	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		05/29/13 23:00	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:00	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		05/29/13 23:00	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 23:00	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:00	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		05/29/13 23:00	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		05/29/13 23:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		05/29/13 23:00	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:00	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:00	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:00	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:00	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:00	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		05/29/13 23:00	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:00	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:00	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 23:00	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:00	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:00	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		05/29/13 23:00	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:00	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		05/29/13 23:00	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		05/29/13 23:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		05/29/13 23:00	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:00	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:00	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		05/29/13 23:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		05/29/13 23:00	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:00	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		05/29/13 23:00	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		05/29/13 23:00	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:00	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		05/29/13 23:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:00	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-15 **Lab ID: 4078559005** Collected: 05/20/13 14:30 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		05/29/13 23:00	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		05/29/13 23:00	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:00	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		05/29/13 23:00	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:00	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:00	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 23:00	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:00	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:00	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		05/29/13 23:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		05/29/13 23:00	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:00	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/29/13 23:00	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		05/29/13 23:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	43-137		1		05/29/13 23:00	460-00-4	
Dibromofluoromethane (S)	90	%	70-130		1		05/29/13 23:00	1868-53-7	
Toluene-d8 (S)	88	%	55-137		1		05/29/13 23:00	2037-26-5	

Sample: B-16 **Lab ID: 4078559006** Collected: 05/20/13 15:45 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:23	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:23	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		05/29/13 23:23	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:23	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		05/29/13 23:23	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		05/29/13 23:23	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:23	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		05/29/13 23:23	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 23:23	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:23	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		05/29/13 23:23	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:23	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		05/29/13 23:23	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 23:23	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:23	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		05/29/13 23:23	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		05/29/13 23:23	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		05/29/13 23:23	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-16 **Lab ID: 4078559006** Collected: 05/20/13 15:45 Received: 05/24/13 09:25 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		05/29/13 23:23	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:23	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:23	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:23	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:23	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		05/29/13 23:23	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:23	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:23	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 23:23	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:23	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:23	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		05/29/13 23:23	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:23	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		05/29/13 23:23	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		05/29/13 23:23	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		05/29/13 23:23	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:23	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:23	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		05/29/13 23:23	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		05/29/13 23:23	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:23	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		05/29/13 23:23	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		05/29/13 23:23	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:23	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:23	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		05/29/13 23:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:23	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		05/29/13 23:23	79-34-5	
Tetrachloroethene	**<0.47**	ug/L	1.0	0.47	1		05/29/13 23:23	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:23	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		05/29/13 23:23	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:23	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:23	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 23:23	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:23	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:23	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		05/29/13 23:23	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		05/29/13 23:23	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:23	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/29/13 23:23	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		05/29/13 23:23	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	43-137		1		05/29/13 23:23	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		05/29/13 23:23	1868-53-7	
Toluene-d8 (S)	89	%	55-137		1		05/29/13 23:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-17 **Lab ID: 4078559007** Collected: 05/20/13 16:45 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:46	71-43-2	
Bromobenzene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:46	108-86-1	
Bromochloromethane	**<0.49**	ug/L	1.0	0.49	1		05/29/13 23:46	74-97-5	
Bromodichloromethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:46	75-27-4	
Bromoform	**<0.23**	ug/L	1.0	0.23	1		05/29/13 23:46	75-25-2	
Bromomethane	**<0.43**	ug/L	5.0	0.43	1		05/29/13 23:46	74-83-9	
n-Butylbenzene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:46	104-51-8	
sec-Butylbenzene	**<0.60**	ug/L	5.0	0.60	1		05/29/13 23:46	135-98-8	
tert-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 23:46	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:46	56-23-5	
Chlorobenzene	**<0.36**	ug/L	1.0	0.36	1		05/29/13 23:46	108-90-7	
Chloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:46	75-00-3	
Chloroform	**<0.69**	ug/L	5.0	0.69	1		05/29/13 23:46	67-66-3	
Chloromethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 23:46	74-87-3	
2-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:46	95-49-8	
4-Chlorotoluene	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.5**	ug/L	5.0	1.5	1		05/29/13 23:46	96-12-8	
Dibromochloromethane	**<1.9**	ug/L	5.0	1.9	1		05/29/13 23:46	124-48-1	
1,2-Dibromoethane (EDB)	**<0.38**	ug/L	1.0	0.38	1		05/29/13 23:46	106-93-4	
Dibromomethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:46	74-95-3	
1,2-Dichlorobenzene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:46	95-50-1	
1,3-Dichlorobenzene	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:46	541-73-1	
1,4-Dichlorobenzene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:46	106-46-7	
Dichlorodifluoromethane	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:46	75-71-8	
1,1-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		05/29/13 23:46	75-34-3	
1,2-Dichloroethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:46	107-06-2	
1,1-Dichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:46	75-35-4	
cis-1,2-Dichloroethene	**<0.42**	ug/L	1.0	0.42	1		05/29/13 23:46	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:46	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:46	78-87-5	
1,3-Dichloropropane	**<0.46**	ug/L	1.0	0.46	1		05/29/13 23:46	142-28-9	
2,2-Dichloropropane	**<0.37**	ug/L	1.0	0.37	1		05/29/13 23:46	594-20-7	
1,1-Dichloropropene	**<0.51**	ug/L	1.0	0.51	1		05/29/13 23:46	563-58-6	
cis-1,3-Dichloropropene	**<0.29**	ug/L	1.0	0.29	1		05/29/13 23:46	10061-01-5	
trans-1,3-Dichloropropene	**<0.26**	ug/L	1.0	0.26	1		05/29/13 23:46	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:46	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:46	100-41-4	
Hexachloro-1,3-butadiene	**<1.3**	ug/L	5.0	1.3	1		05/29/13 23:46	87-68-3	
Isopropylbenzene (Cumene)	**<0.34**	ug/L	1.0	0.34	1		05/29/13 23:46	98-82-8	
p-Isopropyltoluene	**<0.40**	ug/L	1.0	0.40	1		05/29/13 23:46	99-87-6	
Methylene Chloride	**<0.36**	ug/L	1.0	0.36	1		05/29/13 23:46	75-09-2	
Methyl-tert-butyl ether	**<0.49**	ug/L	1.0	0.49	1		05/29/13 23:46	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:46	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:46	103-65-1	
Styrene	**<0.35**	ug/L	1.0	0.35	1		05/29/13 23:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.45**	ug/L	1.0	0.45	1		05/29/13 23:46	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-17 **Lab ID: 4078559007** Collected: 05/20/13 16:45 Received: 05/24/13 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		05/29/13 23:46	79-34-5	
Tetrachloroethene	**16.8**	ug/L	1.0	0.47	1		05/29/13 23:46	127-18-4	
Toluene	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:46	108-88-3	
1,2,3-Trichlorobenzene	**<0.77**	ug/L	5.0	0.77	1		05/29/13 23:46	87-61-6	
1,2,4-Trichlorobenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:46	120-82-1	
1,1,1-Trichloroethane	**<0.44**	ug/L	1.0	0.44	1		05/29/13 23:46	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/L	1.0	0.39	1		05/29/13 23:46	79-00-5	
Trichloroethene	**<0.43**	ug/L	1.0	0.43	1		05/29/13 23:46	79-01-6	
Trichlorofluoromethane	**<0.48**	ug/L	1.0	0.48	1		05/29/13 23:46	75-69-4	
1,2,3-Trichloropropane	**<0.47**	ug/L	1.0	0.47	1		05/29/13 23:46	96-18-4	
1,2,4-Trimethylbenzene	**<0.57**	ug/L	5.0	0.57	1		05/29/13 23:46	95-63-6	
1,3,5-Trimethylbenzene	**<2.5**	ug/L	5.0	2.5	1		05/29/13 23:46	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		05/29/13 23:46	75-01-4	
m&p-Xylene	**<0.82**	ug/L	2.0	0.82	1		05/29/13 23:46	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		05/29/13 23:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	43-137		1		05/29/13 23:46	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		05/29/13 23:46	1868-53-7	
Toluene-d8 (S)	89	%	55-137		1		05/29/13 23:46	2037-26-5	

Sample: B-18, 10' **Lab ID: 4078559008** Collected: 05/20/13 17:15 Received: 05/24/13 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	106-43-4	W
1,2-Dibromo-3-chloropropane	**<49.8**	ug/kg	250	49.8	1	05/29/13 13:56	05/30/13 02:52	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	124-48-1	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-18, 10' **Lab ID: 4078559008** Collected: 05/20/13 17:15 Received: 05/24/13 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	79-34-5	W
Tetrachloroethene	**31.9J**	ug/kg	70.0	29.2	1	05/29/13 13:56	05/30/13 02:52	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/29/13 13:56	05/30/13 02:52	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/29/13 13:56	05/30/13 02:52	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%	57-130		1	05/29/13 13:56	05/30/13 02:52	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-18, 10' **Lab ID: 4078559008** Collected: 05/20/13 17:15 Received: 05/24/13 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
Toluene-d8 (S)	102	%	54-133		1	05/29/13 13:56	05/30/13 02:52	2037-26-5	
4-Bromofluorobenzene (S)	90	%	49-130		1	05/29/13 13:56	05/30/13 02:52	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.3**	%	0.10	0.10	1		06/06/13 18:10		

Sample: B-19, 4' **Lab ID: 4078559009** Collected: 05/20/13 17:30 Received: 05/24/13 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	106-43-4	W
1,2-Dibromo-3-chloropropane	**<49.8**	ug/kg	250	49.8	1	05/30/13 14:04	05/31/13 15:11	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	78-87-5	W

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

ANALYTICAL RESULTS

Project: MOUND CITY
Pace Project No.: 4078559

Sample: B-19, 4' **Lab ID: 4078559009** Collected: 05/20/13 17:30 Received: 05/24/13 09:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/30/13 14:04	05/31/13 15:11	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/30/13 14:04	05/31/13 15:11	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	83	%	57-130		1	05/30/13 14:04	05/31/13 15:11	1868-53-7	
Toluene-d8 (S)	94	%	54-133		1	05/30/13 14:04	05/31/13 15:11	2037-26-5	
4-Bromofluorobenzene (S)	82	%	49-130		1	05/30/13 14:04	05/31/13 15:11	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**29.7**	%	0.10	0.10	1		06/06/13 18:10		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

QC Batch: MSV/19841
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4078559008

METHOD BLANK: 798615
Matrix: Solid
Associated Lab Samples: 4078559008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,1-Dichloroethane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,1-Dichloroethene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,1-Dichloropropene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2-Dibromo-3-chloropropane	ug/kg	<49.8	250	05/29/13 19:16	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2-Dichlorobenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2-Dichloroethane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,2-Dichloropropane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
1,3-Dichloropropane	ug/kg	<25.0	60.0	05/29/13 19:16	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
2,2-Dichloropropane	ug/kg	<25.0	60.0	05/29/13 19:16	
2-Chlorotoluene	ug/kg	<25.0	60.0	05/29/13 19:16	
4-Chlorotoluene	ug/kg	<25.0	60.0	05/29/13 19:16	
Benzene	ug/kg	<25.0	60.0	05/29/13 19:16	
Bromobenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
Bromochloromethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Bromodichloromethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Bromoform	ug/kg	<25.0	60.0	05/29/13 19:16	
Bromomethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Carbon tetrachloride	ug/kg	<25.0	60.0	05/29/13 19:16	
Chlorobenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
Chloroethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Chloroform	ug/kg	<25.0	60.0	05/29/13 19:16	
Chloromethane	ug/kg	<25.0	60.0	05/29/13 19:16	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/29/13 19:16	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/29/13 19:16	
Dibromochloromethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Dibromomethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Diisopropyl ether	ug/kg	<25.0	60.0	05/29/13 19:16	
Ethylbenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
Hexachloro-1,3-butadiene	ug/kg	<25.0	60.0	05/29/13 19:16	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	05/29/13 19:16	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

METHOD BLANK: 798615 Matrix: Solid

Associated Lab Samples: 4078559008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	05/29/13 19:16	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/29/13 19:16	
Methylene Chloride	ug/kg	<25.0	60.0	05/29/13 19:16	
n-Butylbenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
n-Propylbenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
Naphthalene	ug/kg	<25.0	60.0	05/29/13 19:16	
o-Xylene	ug/kg	<25.0	60.0	05/29/13 19:16	
p-Isopropyltoluene	ug/kg	<25.0	60.0	05/29/13 19:16	
sec-Butylbenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
Styrene	ug/kg	<25.0	60.0	05/29/13 19:16	
tert-Butylbenzene	ug/kg	<25.0	60.0	05/29/13 19:16	
Tetrachloroethene	ug/kg	<25.0	60.0	05/29/13 19:16	
Toluene	ug/kg	<25.0	60.0	05/29/13 19:16	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/29/13 19:16	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/29/13 19:16	
Trichloroethene	ug/kg	<25.0	60.0	05/29/13 19:16	
Trichlorofluoromethane	ug/kg	<25.0	60.0	05/29/13 19:16	
Vinyl chloride	ug/kg	<25.0	60.0	05/29/13 19:16	
4-Bromofluorobenzene (S)	%	86	49-130	05/29/13 19:16	
Dibromofluoromethane (S)	%	93	57-130	05/29/13 19:16	
Toluene-d8 (S)	%	97	54-133	05/29/13 19:16	

LABORATORY CONTROL SAMPLE & LCSD: 798616 798617

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2360	2410	95	96	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2680	2920	107	117	70-130	8	20	
1,1,2-Trichloroethane	ug/kg	2500	2490	2600	100	104	70-130	4	20	
1,1-Dichloroethane	ug/kg	2500	2040	2070	82	83	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2100	2040	84	82	64-130	2	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2560	2750	103	110	68-130	7	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2570	2620	103	105	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2480	2560	99	102	70-130	3	20	
1,2-Dichlorobenzene	ug/kg	2500	2590	2730	104	109	70-130	5	20	
1,2-Dichloroethane	ug/kg	2500	2580	2700	103	108	70-130	4	20	
1,2-Dichloropropane	ug/kg	2500	2410	2450	96	98	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	2500	2480	2640	99	106	70-130	6	20	
1,4-Dichlorobenzene	ug/kg	2500	2440	2590	98	104	70-130	6	20	
Benzene	ug/kg	2500	2540	2560	101	102	70-130	1	20	
Bromodichloromethane	ug/kg	2500	2400	2520	96	101	70-130	5	20	
Bromoform	ug/kg	2500	2100	2240	84	90	63-130	6	20	
Bromomethane	ug/kg	2500	1590	1570	64	63	41-142	1	20	
Carbon tetrachloride	ug/kg	2500	2310	2400	92	96	70-130	4	20	
Chlorobenzene	ug/kg	2500	2460	2530	98	101	70-130	3	20	
Chloroethane	ug/kg	2500	1890	1940	76	78	57-130	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: MOUND CITY
Pace Project No.: 4078559

LABORATORY CONTROL SAMPLE & LCSD: 798616 798617

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2780	2500	111	100	70-130	11	20	
Chloromethane	ug/kg	2500	2840	2860	113	115	57-130	1	20	
cis-1,2-Dichloroethene	ug/kg	2500	2940	3170	118	127	70-130	7	20	
cis-1,3-Dichloropropene	ug/kg	2500	2200	2320	88	93	70-130	5	20	
Dibromochloromethane	ug/kg	2500	2290	2430	92	97	70-130	6	20	
Dichlorodifluoromethane	ug/kg	2500	2760	2730	111	109	31-150	1	20	
Ethylbenzene	ug/kg	2500	2520	2620	101	105	65-137	4	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2410	2480	96	99	70-130	3	20	
m&p-Xylene	ug/kg	5000	4860	5100	97	102	64-139	5	20	
Methyl-tert-butyl ether	ug/kg	2500	2050	2150	82	86	69-130	5	20	
Methylene Chloride	ug/kg	2500	2070	2140	83	85	70-130	3	20	
o-Xylene	ug/kg	2500	2480	2560	99	102	63-135	3	20	
Styrene	ug/kg	2500	2190	2310	88	93	69-130	5	20	
Tetrachloroethene	ug/kg	2500	2220	2410	89	96	70-130	8	20	
Toluene	ug/kg	2500	2500	2600	100	104	70-130	4	20	
trans-1,2-Dichloroethene	ug/kg	2500	1990	2000	79	80	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	2500	2380	2530	95	101	70-130	6	20	
Trichloroethene	ug/kg	2500	2350	2420	94	97	70-130	3	20	
Trichlorofluoromethane	ug/kg	2500	2030	2090	81	83	50-150	3	20	
Vinyl chloride	ug/kg	2500	2670	2640	107	106	57-130	1	20	
4-Bromofluorobenzene (S)	%				90	97	49-130			
Dibromofluoromethane (S)	%				94	99	57-130			
Toluene-d8 (S)	%				97	99	54-133			

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

QC Batch: MSV/19869
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4078559009

METHOD BLANK: 799426
Matrix: Solid
Associated Lab Samples: 4078559009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,1-Dichloroethane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,1-Dichloroethene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,1-Dichloropropene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2-Dibromo-3-chloropropane	ug/kg	<49.8	250	05/31/13 10:43	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2-Dichlorobenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2-Dichloroethane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,2-Dichloropropane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
1,3-Dichloropropane	ug/kg	<25.0	60.0	05/31/13 10:43	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
2,2-Dichloropropane	ug/kg	<25.0	60.0	05/31/13 10:43	
2-Chlorotoluene	ug/kg	<25.0	60.0	05/31/13 10:43	
4-Chlorotoluene	ug/kg	<25.0	60.0	05/31/13 10:43	
Benzene	ug/kg	<25.0	60.0	05/31/13 10:43	
Bromobenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
Bromochloromethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Bromodichloromethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Bromoform	ug/kg	<25.0	60.0	05/31/13 10:43	
Bromomethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Carbon tetrachloride	ug/kg	<25.0	60.0	05/31/13 10:43	
Chlorobenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
Chloroethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Chloroform	ug/kg	<25.0	60.0	05/31/13 10:43	
Chloromethane	ug/kg	<25.0	60.0	05/31/13 10:43	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/31/13 10:43	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/31/13 10:43	
Dibromochloromethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Dibromomethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Diisopropyl ether	ug/kg	<25.0	60.0	05/31/13 10:43	
Ethylbenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
Hexachloro-1,3-butadiene	ug/kg	<25.0	60.0	05/31/13 10:43	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	05/31/13 10:43	

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QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

METHOD BLANK: 799426 Matrix: Solid

Associated Lab Samples: 4078559009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	05/31/13 10:43	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/31/13 10:43	
Methylene Chloride	ug/kg	<25.0	60.0	05/31/13 10:43	
n-Butylbenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
n-Propylbenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
Naphthalene	ug/kg	<25.0	60.0	05/31/13 10:43	
o-Xylene	ug/kg	<25.0	60.0	05/31/13 10:43	
p-Isopropyltoluene	ug/kg	<25.0	60.0	05/31/13 10:43	
sec-Butylbenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
Styrene	ug/kg	<25.0	60.0	05/31/13 10:43	
tert-Butylbenzene	ug/kg	<25.0	60.0	05/31/13 10:43	
Tetrachloroethene	ug/kg	<25.0	60.0	05/31/13 10:43	
Toluene	ug/kg	<25.0	60.0	05/31/13 10:43	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	05/31/13 10:43	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	05/31/13 10:43	
Trichloroethene	ug/kg	<25.0	60.0	05/31/13 10:43	
Trichlorofluoromethane	ug/kg	<25.0	60.0	05/31/13 10:43	
Vinyl chloride	ug/kg	<25.0	60.0	05/31/13 10:43	
4-Bromofluorobenzene (S)	%	89	49-130	05/31/13 10:43	
Dibromofluoromethane (S)	%	91	57-130	05/31/13 10:43	
Toluene-d8 (S)	%	96	54-133	05/31/13 10:43	

LABORATORY CONTROL SAMPLE & LCSD: 799427 799428

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2200	2310	88	92	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2960	2890	118	116	70-130	2	20	
1,1,2-Trichloroethane	ug/kg	2500	2570	2610	103	104	70-130	1	20	
1,1-Dichloroethane	ug/kg	2500	2610	2750	105	110	70-130	5	20	
1,1-Dichloroethene	ug/kg	2500	2650	2780	106	111	64-130	5	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2950	2910	118	116	68-130	1	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2280	2350	91	94	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2390	2410	96	96	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2760	2750	110	110	70-130	0	20	
1,2-Dichloroethane	ug/kg	2500	2420	2480	97	99	70-130	2	20	
1,2-Dichloropropane	ug/kg	2500	2560	2720	102	109	70-130	6	20	
1,3-Dichlorobenzene	ug/kg	2500	2800	2770	112	111	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	2500	2540	2510	102	100	70-130	1	20	
Benzene	ug/kg	2500	2530	2650	101	106	70-130	5	20	
Bromodichloromethane	ug/kg	2500	2220	2300	89	92	70-130	3	20	
Bromoform	ug/kg	2500	2230	2270	89	91	63-130	2	20	
Bromomethane	ug/kg	2500	2470	2600	99	104	41-142	5	20	
Carbon tetrachloride	ug/kg	2500	2220	2300	89	92	70-130	4	20	
Chlorobenzene	ug/kg	2500	2450	2530	98	101	70-130	3	20	
Chloroethane	ug/kg	2500	2490	2580	100	103	57-130	3	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

LABORATORY CONTROL SAMPLE & LCSD: 799427 799428

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2460	2490	98	100	70-130	2	20	
Chloromethane	ug/kg	2500	2340	2390	94	95	57-130	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2460	2510	99	100	70-130	2	20	
cis-1,3-Dichloropropene	ug/kg	2500	2190	2240	88	89	70-130	2	20	
Dibromochloromethane	ug/kg	2500	2250	2240	90	90	70-130	0	20	
Dichlorodifluoromethane	ug/kg	2500	1890	1950	76	78	31-150	3	20	
Ethylbenzene	ug/kg	2500	2620	2740	105	110	65-137	5	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2230	2330	89	93	70-130	5	20	
m&p-Xylene	ug/kg	5000	5110	5350	102	107	64-139	5	20	
Methyl-tert-butyl ether	ug/kg	2500	2500	2530	100	101	69-130	1	20	
Methylene Chloride	ug/kg	2500	2490	2590	100	104	70-130	4	20	
o-Xylene	ug/kg	2500	2420	2550	97	102	63-135	5	20	
Styrene	ug/kg	2500	2060	2130	82	85	69-130	3	20	
Tetrachloroethene	ug/kg	2500	2480	2640	99	105	70-130	6	20	
Toluene	ug/kg	2500	2430	2540	97	102	70-130	5	20	
trans-1,2-Dichloroethene	ug/kg	2500	2630	2780	105	111	70-130	6	20	
trans-1,3-Dichloropropene	ug/kg	2500	2260	2350	90	94	70-130	4	20	
Trichloroethene	ug/kg	2500	2490	2690	99	108	70-130	8	20	
Trichlorofluoromethane	ug/kg	2500	2730	2800	109	112	50-150	2	20	
Vinyl chloride	ug/kg	2500	2510	2550	101	102	57-130	1	20	
4-Bromofluorobenzene (S)	%				95	101	49-130			
Dibromofluoromethane (S)	%				94	98	57-130			
Toluene-d8 (S)	%				94	99	54-133			

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QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

QC Batch: MSV/19786 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4078559001, 4078559002, 4078559003, 4078559004, 4078559005, 4078559006, 4078559007

METHOD BLANK: 797836 Matrix: Water
Associated Lab Samples: 4078559001, 4078559002, 4078559003, 4078559004, 4078559005, 4078559006, 4078559007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.45	1.0	05/29/13 18:26	
1,1,1-Trichloroethane	ug/L	<0.44	1.0	05/29/13 18:26	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	05/29/13 18:26	
1,1,2-Trichloroethane	ug/L	<0.39	1.0	05/29/13 18:26	
1,1-Dichloroethane	ug/L	<0.28	1.0	05/29/13 18:26	
1,1-Dichloroethene	ug/L	<0.43	1.0	05/29/13 18:26	
1,1-Dichloropropene	ug/L	<0.51	1.0	05/29/13 18:26	
1,2,3-Trichlorobenzene	ug/L	<0.77	5.0	05/29/13 18:26	
1,2,3-Trichloropropane	ug/L	<0.47	1.0	05/29/13 18:26	
1,2,4-Trichlorobenzene	ug/L	<2.5	5.0	05/29/13 18:26	
1,2,4-Trimethylbenzene	ug/L	<0.57	5.0	05/29/13 18:26	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	5.0	05/29/13 18:26	
1,2-Dibromoethane (EDB)	ug/L	<0.38	1.0	05/29/13 18:26	
1,2-Dichlorobenzene	ug/L	<0.44	1.0	05/29/13 18:26	
1,2-Dichloroethane	ug/L	<0.48	1.0	05/29/13 18:26	
1,2-Dichloropropane	ug/L	<0.50	1.0	05/29/13 18:26	
1,3,5-Trimethylbenzene	ug/L	<2.5	5.0	05/29/13 18:26	
1,3-Dichlorobenzene	ug/L	<0.45	1.0	05/29/13 18:26	
1,3-Dichloropropane	ug/L	<0.46	1.0	05/29/13 18:26	
1,4-Dichlorobenzene	ug/L	<0.43	1.0	05/29/13 18:26	
2,2-Dichloropropane	ug/L	<0.37	1.0	05/29/13 18:26	
2-Chlorotoluene	ug/L	<0.48	1.0	05/29/13 18:26	
4-Chlorotoluene	ug/L	<0.48	1.0	05/29/13 18:26	
Benzene	ug/L	<0.50	1.0	05/29/13 18:26	
Bromobenzene	ug/L	<0.48	1.0	05/29/13 18:26	
Bromochloromethane	ug/L	<0.49	1.0	05/29/13 18:26	
Bromodichloromethane	ug/L	<0.45	1.0	05/29/13 18:26	
Bromoform	ug/L	<0.23	1.0	05/29/13 18:26	
Bromomethane	ug/L	<0.43	5.0	05/29/13 18:26	
Carbon tetrachloride	ug/L	<0.37	1.0	05/29/13 18:26	
Chlorobenzene	ug/L	<0.36	1.0	05/29/13 18:26	
Chloroethane	ug/L	<0.44	1.0	05/29/13 18:26	
Chloroform	ug/L	<0.69	5.0	05/29/13 18:26	
Chloromethane	ug/L	<0.39	1.0	05/29/13 18:26	
cis-1,2-Dichloroethene	ug/L	<0.42	1.0	05/29/13 18:26	
cis-1,3-Dichloropropene	ug/L	<0.29	1.0	05/29/13 18:26	
Dibromochloromethane	ug/L	<1.9	5.0	05/29/13 18:26	
Dibromomethane	ug/L	<0.48	1.0	05/29/13 18:26	
Dichlorodifluoromethane	ug/L	<0.40	1.0	05/29/13 18:26	
Diisopropyl ether	ug/L	<0.50	1.0	05/29/13 18:26	
Ethylbenzene	ug/L	<0.50	1.0	05/29/13 18:26	
Hexachloro-1,3-butadiene	ug/L	<1.3	5.0	05/29/13 18:26	
Isopropylbenzene (Cumene)	ug/L	<0.34	1.0	05/29/13 18:26	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

METHOD BLANK: 797836 Matrix: Water

Associated Lab Samples: 4078559001, 4078559002, 4078559003, 4078559004, 4078559005, 4078559006, 4078559007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<0.82	2.0	05/29/13 18:26	
Methyl-tert-butyl ether	ug/L	<0.49	1.0	05/29/13 18:26	
Methylene Chloride	ug/L	<0.36	1.0	05/29/13 18:26	
n-Butylbenzene	ug/L	<0.40	1.0	05/29/13 18:26	
n-Propylbenzene	ug/L	<0.50	1.0	05/29/13 18:26	
Naphthalene	ug/L	<2.5	5.0	05/29/13 18:26	
o-Xylene	ug/L	<0.50	1.0	05/29/13 18:26	
p-Isopropyltoluene	ug/L	<0.40	1.0	05/29/13 18:26	
sec-Butylbenzene	ug/L	<0.60	5.0	05/29/13 18:26	
Styrene	ug/L	<0.35	1.0	05/29/13 18:26	
tert-Butylbenzene	ug/L	<0.42	1.0	05/29/13 18:26	
Tetrachloroethene	ug/L	<0.47	1.0	05/29/13 18:26	
Toluene	ug/L	<0.44	1.0	05/29/13 18:26	
trans-1,2-Dichloroethene	ug/L	<0.37	1.0	05/29/13 18:26	
trans-1,3-Dichloropropene	ug/L	<0.26	1.0	05/29/13 18:26	
Trichloroethene	ug/L	<0.43	1.0	05/29/13 18:26	
Trichlorofluoromethane	ug/L	<0.48	1.0	05/29/13 18:26	
Vinyl chloride	ug/L	<0.18	1.0	05/29/13 18:26	
4-Bromofluorobenzene (S)	%	85	43-137	05/29/13 18:26	
Dibromofluoromethane (S)	%	86	70-130	05/29/13 18:26	
Toluene-d8 (S)	%	102	55-137	05/29/13 18:26	

LABORATORY CONTROL SAMPLE & LCSD: 797837 797838

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	46.5	46.0	93	92	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	42.8	44.4	86	89	70-130	4	20	
1,1,2-Trichloroethane	ug/L	50	46.4	46.0	93	92	70-130	1	20	
1,1-Dichloroethane	ug/L	50	47.1	46.6	94	93	70-146	1	20	
1,1-Dichloroethene	ug/L	50	53.8	52.0	108	104	70-130	3	20	
1,2,4-Trichlorobenzene	ug/L	50	50.3	52.1	101	104	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	50	40.0	40.2	80	80	46-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	50	49.8	50.1	100	100	70-130	1	20	
1,2-Dichlorobenzene	ug/L	50	51.2	52.1	102	104	70-130	2	20	
1,2-Dichloroethane	ug/L	50	43.2	41.9	86	84	70-144	3	20	
1,2-Dichloropropane	ug/L	50	49.1	50.3	98	101	70-136	2	20	
1,3-Dichlorobenzene	ug/L	50	50.5	51.1	101	102	70-130	1	20	
1,4-Dichlorobenzene	ug/L	50	50.6	51.2	101	102	70-130	1	20	
Benzene	ug/L	50	48.8	48.6	98	97	70-137	0	20	
Bromodichloromethane	ug/L	50	44.2	45.1	88	90	70-133	2	20	
Bromoform	ug/L	50	43.8	43.9	88	88	59-130	0	20	
Bromomethane	ug/L	50	45.6	47.0	91	94	41-148	3	20	
Carbon tetrachloride	ug/L	50	48.3	48.1	97	96	70-154	0	20	
Chlorobenzene	ug/L	50	50.2	49.2	100	98	70-130	2	20	
Chloroethane	ug/L	50	49.8	48.7	100	97	70-139	2	20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

LABORATORY CONTROL SAMPLE & LCSD: 797837 797838

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	44.2	44.6	88	89	70-130	1	20	
Chloromethane	ug/L	50	51.9	51.4	104	103	45-154	1	20	
cis-1,2-Dichloroethene	ug/L	50	49.1	48.3	98	97	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	50	41.7	42.3	83	85	70-136	1	20	
Dibromochloromethane	ug/L	50	47.5	47.3	95	95	70-130	1	20	
Dichlorodifluoromethane	ug/L	50	62.9	63.3	126	127	20-157	1	20	
Ethylbenzene	ug/L	50	52.7	52.1	105	104	70-130	1	20	
Isopropylbenzene (Cumene)	ug/L	50	55.4	54.7	111	109	70-130	1	20	
m&p-Xylene	ug/L	100	109	109	109	109	70-130	0	20	
Methyl-tert-butyl ether	ug/L	50	42.3	42.8	85	86	59-141	1	20	
Methylene Chloride	ug/L	50	42.1	43.5	84	87	70-130	3	20	
o-Xylene	ug/L	50	50.6	49.9	101	100	70-130	1	20	
Styrene	ug/L	50	47.3	46.4	95	93	70-130	2	20	
Tetrachloroethene	ug/L	50	55.6	55.2	111	110	70-130	1	20	
Toluene	ug/L	50	51.2	50.7	102	101	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	53.1	51.6	106	103	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	50	44.2	43.9	88	88	55-135	1	20	
Trichloroethene	ug/L	50	51.8	52.9	104	106	70-130	2	20	
Trichlorofluoromethane	ug/L	50	52.9	53.7	106	107	50-150	2	20	
Vinyl chloride	ug/L	50	53.8	54.9	108	110	61-143	2	20	
4-Bromofluorobenzene (S)	%				90	90	43-137			
Dibromofluoromethane (S)	%				88	88	70-130			
Toluene-d8 (S)	%				100	98	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 798811 798812

Parameter	Units	4078515006 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	46.7	46.7	93	93	70-136	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	45.7	45.2	91	90	70-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.39	50	50	47.3	47.4	95	95	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.28	50	50	47.7	47.0	95	94	70-146	2	20	
1,1-Dichloroethene	ug/L	<0.43	50	50	50.3	49.7	101	99	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<2.5	50	50	51.8	52.7	101	103	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.5	50	50	41.4	41.5	83	83	46-150	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.38	50	50	50.7	52.2	101	104	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.44	50	50	52.3	52.1	104	104	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.48	50	50	42.9	42.9	86	86	70-146	0	20	
1,2-Dichloropropane	ug/L	<0.50	50	50	50.3	49.8	101	100	70-136	1	20	
1,3-Dichlorobenzene	ug/L	<0.45	50	50	51.3	51.6	103	103	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.43	50	50	51.3	51.8	103	104	70-130	1	20	
Benzene	ug/L	<0.50	50	50	49.5	49.1	99	98	70-137	1	20	
Bromodichloromethane	ug/L	<0.45	50	50	45.6	45.5	91	91	70-133	0	20	
Bromoform	ug/L	<0.23	50	50	43.4	44.5	87	89	57-130	2	20	
Bromomethane	ug/L	<0.43	50	50	49.4	48.3	99	97	41-148	2	20	
Carbon tetrachloride	ug/L	<0.37	50	50	48.6	48.3	97	97	70-154	1	20	
Chlorobenzene	ug/L	<0.36	50	50	49.4	50.4	99	101	70-130	2	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: MOUND CITY
Pace Project No.: 4078559

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 798811 798812

Parameter	Units	4078515006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	<0.44	50	50	49.5	49.4	99	99	70-140	0	20	
Chloroform	ug/L	<0.69	50	50	44.8	44.5	90	89	70-130	1	20	
Chloromethane	ug/L	<0.39	50	50	50.1	49.0	100	98	45-154	2	20	
cis-1,2-Dichloroethene	ug/L	2.8	50	50	52.8	52.5	100	99	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.29	50	50	42.1	41.9	84	84	70-136	1	20	
Dibromochloromethane	ug/L	<1.9	50	50	47.5	48.1	95	96	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.40	50	50	60.7	58.2	121	116	10-157	4	20	
Ethylbenzene	ug/L	<0.50	50	50	48.0	46.8	96	94	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.34	50	50	51.5	50.8	103	102	70-130	1	20	
m&p-Xylene	ug/L	<0.82	100	100	81.0	73.0	81	73	70-130	10	20	
Methyl-tert-butyl ether	ug/L	<0.49	50	50	41.4	43.7	83	87	59-141	5	20	
Methylene Chloride	ug/L	<0.36	50	50	41.5	44.6	83	89	70-130	7	20	
o-Xylene	ug/L	<0.50	50	50	38.9	35.2	78	70	70-130	10	20	
Styrene	ug/L	<0.35	50	50	16.8	11.8	34	24	35-164	35	20	M1,R1
Tetrachloroethene	ug/L	0.55J	50	50	56.9	56.8	113	113	70-130	0	20	
Toluene	ug/L	<0.44	50	50	47.7	46.9	95	94	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	<0.37	50	50	47.7	52.3	95	105	70-130	9	20	
trans-1,3-Dichloropropene	ug/L	<0.26	50	50	43.7	43.3	87	87	55-137	1	20	
Trichloroethene	ug/L	<0.43	50	50	51.7	52.2	103	104	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.48	50	50	54.0	54.1	108	108	50-150	0	20	
Vinyl chloride	ug/L	<0.18	50	50	52.9	52.3	106	105	59-144	1	20	
4-Bromofluorobenzene (S)	%						89	89	43-137			
Dibromofluoromethane (S)	%						90	88	70-130			
Toluene-d8 (S)	%						96	95	55-137			

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QUALITY CONTROL DATA

Project: MOUND CITY
Pace Project No.: 4078559

QC Batch: PMST/8538
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4078559008, 4078559009

SAMPLE DUPLICATE: 803992

Parameter	Units	4078559008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.2	0	10	

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QUALIFIERS

Project: MOUND CITY
Pace Project No.: 4078559

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

BATCH QUALIFIERS

Batch: MSV/19842

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

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MOUND CITY
Pace Project No.: 4078559

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4078559008	**B-18, 10'**	EPA 5035/5030B	MSV/19841	EPA 8260	MSV/19842
4078559009	**B-19, 4'**	EPA 5035/5030B	MSV/19869	EPA 8260	MSV/19871
4078559001	**B-11**	EPA 8260	MSV/19786		
4078559002	**B-12**	EPA 8260	MSV/19786		
4078559003	**B-13**	EPA 8260	MSV/19786		
4078559004	**B-14**	EPA 8260	MSV/19786		
4078559005	**B-15**	EPA 8260	MSV/19786		
4078559006	**B-16**	EPA 8260	MSV/19786		
4078559007	**B-17**	EPA 8260	MSV/19786		
4078559008	**B-18, 10'**	ASTM D2974-87	PMST/8538		
4078559009	**B-19, 4'**	ASTM D2974-87	PMST/8538		

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

4078559

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:	Seymour Env
Branch/Location:	
Project Contact:	Robyn Seymour
Phone:	608 838 9120
Project Number:	
Project Name:	Moond City
Project State:	WI
Sampled By (Print):	Robyn Seymour
Sampled By (Sign):	Robyn Seymour
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Robyn Seymour
Mail To Company:	Seymour Env
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Y/N	Pick Letter	Analyses Requested: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	B-11	5/20	1010	GW			X		3-40ml B
002	B-12		1115				X		
003	B-13		1230				X		
004	B-14		1335				X		
005	B-15		1430				X		
006	B-16		1545				X		
007	B-17		1645				X		
008	B-18 10'		1715				X		1-40ml F ; 1-4oz p A
009	B-19, 4'		1730				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:
Robyn Seymour	5123		
Dunham	5/24/13 0925	Pace GB	5/24/13 0925

PACE Project No. 4078559
Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / ~~Not Present~~
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

July 09, 2014

Robyn Seymour
Seymour Environmental Services, INC.
2531 Dyreson Road
Mc Farland, WI 53558

RE: Project: MOUND CITY BANK
Pace Project No.: 4099082

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on July 02, 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,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: MOUND CITY BANK
Pace Project No.: 4099082

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

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SAMPLE SUMMARY

Project: MOUND CITY BANK
Pace Project No.: 4099082

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4099082001	SS-1	Solid	06/19/14 12:04	07/02/14 08:20
4099082002	SS-2	Solid	06/19/14 12:20	07/02/14 08:20

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SAMPLE ANALYTE COUNT

Project: MOUND CITY BANK
Pace Project No.: 4099082

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4099082001	**SS-1**	EPA 8260	SMT	64
		ASTM D2974-87	SJB	1
4099082002	**SS-2**	EPA 8260	SMT	64
		ASTM D2974-87	SJB	1

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ANALYTICAL RESULTS

Project: MOUND CITY BANK
Pace Project No.: 4099082

Sample: SS-1 **Lab ID: 4099082001** Collected: 06/19/14 12:04 Received: 07/02/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	07/03/14 07:01	07/03/14 13:42	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	07/03/14 07:01	07/03/14 13:42	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	07/03/14 07:01	07/03/14 13:42	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	07/03/14 07:01	07/03/14 13:42	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	594-20-7	1q,W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	07/03/14 07:01	07/03/14 13:42	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MOUND CITY BANK
Pace Project No.: 4099082

Sample: SS-1 **Lab ID: 4099082001** Collected: 06/19/14 12:04 Received: 07/02/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	79-34-5	W
Tetrachloroethene	**50.5J**	ug/kg	62.8	26.2	1	07/03/14 07:01	07/03/14 13:42	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	07/03/14 07:01	07/03/14 13:42	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/03/14 07:01	07/03/14 13:42	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 13:42	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	57	%	37-152		1	07/03/14 07:01	07/03/14 13:42	1868-53-7	
Toluene-d8 (S)	118	%	38-154		1	07/03/14 07:01	07/03/14 13:42	2037-26-5	
4-Bromofluorobenzene (S)	115	%	39-139		1	07/03/14 07:01	07/03/14 13:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.4**	%	0.10	0.10	1		07/08/14 12:48		

Sample: SS-2 **Lab ID: 4099082002** Collected: 06/19/14 12:20 Received: 07/02/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	07/03/14 07:01	07/03/14 14:03	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	07/03/14 07:01	07/03/14 14:03	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	07/03/14 07:01	07/03/14 14:03	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MOUND CITY BANK
Pace Project No.: 4099082

Sample: SS-2 **Lab ID: 4099082002** Collected: 06/19/14 12:20 Received: 07/02/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	07/03/14 07:01	07/03/14 14:03	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	594-20-7	1q,W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	07/03/14 07:01	07/03/14 14:03	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	07/03/14 07:01	07/03/14 14:03	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

Project: MOUND CITY BANK
Pace Project No.: 4099082

Sample: SS-2 **Lab ID: 4099082002** Collected: 06/19/14 12:20 Received: 07/02/14 08:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/03/14 07:01	07/03/14 14:03	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/03/14 07:01	07/03/14 14:03	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%	37-152		1	07/03/14 07:01	07/03/14 14:03	1868-53-7	
Toluene-d8 (S)	115	%	38-154		1	07/03/14 07:01	07/03/14 14:03	2037-26-5	
4-Bromofluorobenzene (S)	111	%	39-139		1	07/03/14 07:01	07/03/14 14:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.0**	%	0.10	0.10	1		07/08/14 12:48		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: MOUND CITY BANK
Pace Project No.: 4099082

QC Batch: MSV/24859
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4099082001, 4099082002

METHOD BLANK: 1001750
Matrix: Solid
Associated Lab Samples: 4099082001, 4099082002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	07/03/14 08:42	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	07/03/14 08:42	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	07/03/14 08:42	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	07/03/14 08:42	
1,1-Dichloroethane	ug/kg	<17.6	50.0	07/03/14 08:42	
1,1-Dichloroethene	ug/kg	<17.6	50.0	07/03/14 08:42	
1,1-Dichloropropene	ug/kg	<14.0	50.0	07/03/14 08:42	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	07/03/14 08:42	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	07/03/14 08:42	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	07/03/14 08:42	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	07/03/14 08:42	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	07/03/14 08:42	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	07/03/14 08:42	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	07/03/14 08:42	
1,2-Dichloroethane	ug/kg	<15.0	50.0	07/03/14 08:42	
1,2-Dichloropropane	ug/kg	<16.8	50.0	07/03/14 08:42	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	07/03/14 08:42	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	07/03/14 08:42	
1,3-Dichloropropane	ug/kg	<12.0	50.0	07/03/14 08:42	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	07/03/14 08:42	
2,2-Dichloropropane	ug/kg	<12.6	50.0	07/03/14 08:42	1q
2-Chlorotoluene	ug/kg	<15.8	50.0	07/03/14 08:42	
4-Chlorotoluene	ug/kg	<13.0	50.0	07/03/14 08:42	
Benzene	ug/kg	<9.2	20.0	07/03/14 08:42	
Bromobenzene	ug/kg	<20.6	50.0	07/03/14 08:42	
Bromochloromethane	ug/kg	<21.4	50.0	07/03/14 08:42	
Bromodichloromethane	ug/kg	<9.8	50.0	07/03/14 08:42	
Bromoform	ug/kg	<19.8	50.0	07/03/14 08:42	
Bromomethane	ug/kg	<69.9	250	07/03/14 08:42	
Carbon tetrachloride	ug/kg	<12.1	50.0	07/03/14 08:42	
Chlorobenzene	ug/kg	<14.8	50.0	07/03/14 08:42	
Chloroethane	ug/kg	<67.0	250	07/03/14 08:42	
Chloroform	ug/kg	<46.4	250	07/03/14 08:42	
Chloromethane	ug/kg	<20.4	50.0	07/03/14 08:42	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	07/03/14 08:42	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	07/03/14 08:42	
Dibromochloromethane	ug/kg	<17.9	50.0	07/03/14 08:42	
Dibromomethane	ug/kg	<19.3	50.0	07/03/14 08:42	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	07/03/14 08:42	
Diisopropyl ether	ug/kg	<17.7	50.0	07/03/14 08:42	
Ethylbenzene	ug/kg	<12.4	50.0	07/03/14 08:42	

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

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QUALITY CONTROL DATA

Project: MOUND CITY BANK
Pace Project No.: 4099082

METHOD BLANK: 1001750 Matrix: Solid
Associated Lab Samples: 4099082001, 4099082002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	07/03/14 08:42	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	07/03/14 08:42	
m&p-Xylene	ug/kg	<34.4	100	07/03/14 08:42	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	07/03/14 08:42	
Methylene Chloride	ug/kg	<16.2	50.0	07/03/14 08:42	
n-Butylbenzene	ug/kg	<10.5	50.0	07/03/14 08:42	
n-Propylbenzene	ug/kg	<11.6	50.0	07/03/14 08:42	
Naphthalene	ug/kg	<40.0	250	07/03/14 08:42	
o-Xylene	ug/kg	<14.0	50.0	07/03/14 08:42	
p-Isopropyltoluene	ug/kg	<12.0	50.0	07/03/14 08:42	
sec-Butylbenzene	ug/kg	<11.9	50.0	07/03/14 08:42	
Styrene	ug/kg	<9.0	50.0	07/03/14 08:42	
tert-Butylbenzene	ug/kg	<9.5	50.0	07/03/14 08:42	
Tetrachloroethene	ug/kg	<12.9	50.0	07/03/14 08:42	
Toluene	ug/kg	<11.2	50.0	07/03/14 08:42	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	07/03/14 08:42	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	07/03/14 08:42	
Trichloroethene	ug/kg	<23.6	50.0	07/03/14 08:42	
Trichlorofluoromethane	ug/kg	<24.7	50.0	07/03/14 08:42	
Vinyl chloride	ug/kg	<21.1	50.0	07/03/14 08:42	
4-Bromofluorobenzene (S)	%	102	39-139	07/03/14 08:42	
Dibromofluoromethane (S)	%	101	37-152	07/03/14 08:42	
Toluene-d8 (S)	%	110	38-154	07/03/14 08:42	

LABORATORY CONTROL SAMPLE & LCSD: 1001751 1001752

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2510	2490	101	99	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2590	2500	104	100	70-130	4	20	
1,1,2-Trichloroethane	ug/kg	2500	2710	2630	109	105	70-130	3	20	
1,1-Dichloroethane	ug/kg	2500	2700	1840	108	74	70-130	38	20	R1
1,1-Dichloroethene	ug/kg	2500	2430	2380	97	95	70-130	2	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2610	2610	104	105	70-130	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2140	2190	86	88	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2710	2620	108	105	70-130	4	20	
1,2-Dichlorobenzene	ug/kg	2500	2560	2490	103	100	70-130	3	20	
1,2-Dichloroethane	ug/kg	2500	2740	2570	109	103	70-141	6	20	
1,2-Dichloropropane	ug/kg	2500	2810	2720	112	109	70-130	3	20	
1,3-Dichlorobenzene	ug/kg	2500	2570	2490	103	99	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	2500	2490	2450	99	98	70-130	2	20	
Benzene	ug/kg	2500	2730	2650	109	106	70-130	3	20	
Bromodichloromethane	ug/kg	2500	2490	2390	100	96	70-130	4	20	
Bromoform	ug/kg	2500	2240	2130	89	85	70-130	5	20	
Bromomethane	ug/kg	2500	2230	2280	89	91	34-173	2	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.
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QUALITY CONTROL DATA

Project: MOUND CITY BANK
Pace Project No.: 4099082

LABORATORY CONTROL SAMPLE & LCSD:		1001751		1001752						
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2510	2490	100	99	70-130	1	20	
Chlorobenzene	ug/kg	2500	2590	2540	104	101	70-130	2	20	
Chloroethane	ug/kg	2500	2540	2620	102	105	44-173	3	20	
Chloroform	ug/kg	2500	2710	2610	109	104	70-130	4	20	
Chloromethane	ug/kg	2500	2360	2390	94	95	43-130	1	20	
cis-1,2-Dichloroethene	ug/kg	2500	2670	2610	107	104	70-130	2	20	
cis-1,3-Dichloropropene	ug/kg	2500	2520	2420	101	97	70-130	4	20	
Dibromochloromethane	ug/kg	2500	2400	2270	96	91	70-130	5	20	
Dichlorodifluoromethane	ug/kg	2500	1680	1710	67	68	10-150	2	20	
Ethylbenzene	ug/kg	2500	2720	2680	109	107	70-130	2	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2760	2740	111	110	70-130	1	20	
m&p-Xylene	ug/kg	5000	5370	5340	107	107	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2640	1670	106	67	65-131	45	20	R1
Methylene Chloride	ug/kg	2500	2620	2510	105	100	64-143	4	20	
o-Xylene	ug/kg	2500	2720	2690	109	107	70-130	1	20	
Styrene	ug/kg	2500	2540	2470	102	99	70-130	3	20	
Tetrachloroethene	ug/kg	2500	2540	2520	102	101	70-130	1	20	
Toluene	ug/kg	2500	2680	2640	107	105	70-130	2	20	
trans-1,2-Dichloroethene	ug/kg	2500	2530	1820	101	73	70-130	33	20	R1
trans-1,3-Dichloropropene	ug/kg	2500	2490	2390	99	96	70-130	4	20	
Trichloroethene	ug/kg	2500	2730	2680	109	107	70-130	2	20	
Trichlorofluoromethane	ug/kg	2500	2760	2720	111	109	50-150	2	20	
Vinyl chloride	ug/kg	2500	2540	2550	102	102	57-130	1	20	
4-Bromofluorobenzene (S)	%				114	108	39-139			
Dibromofluoromethane (S)	%				110	101	37-152			
Toluene-d8 (S)	%				111	106	38-154			

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®
www.pacelabs.com

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

QUALITY CONTROL DATA

Project: MOUND CITY BANK
Pace Project No.: 4099082

QC Batch: PMST/9909
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4099082001, 4099082002

SAMPLE DUPLICATE: 1003490

Parameter	Units	4099082001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.4	4.5	1	10	

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

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: MOUND CITY BANK
Pace Project No.: 4099082

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.

BATCH QUALIFIERS

Batch: MSV/24861

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

ANALYTE QUALIFIERS

1q	Analyte recovery in the continuing calibration verification (CCV) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
R1	RPD value was outside control limits.
W	Non-detect results are reported on a wet weight basis.

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MOUND CITY BANK
Pace Project No.: 4099082

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4099082001	**SS-1**	EPA 5035/5030B	MSV/24859	EPA 8260	MSV/24861
4099082002	**SS-2**	EPA 5035/5030B	MSV/24859	EPA 8260	MSV/24861
4099082001	**SS-1**	ASTM D2974-87	PMST/9909		
4099082002	**SS-2**	ASTM D2974-87	PMST/9909		

VSB

Pace Analytical®
www.pacelabs.com

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

4099082

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:	Seymour Env.
Branch/Location:	
Project Contact:	Robyn Seymour
Phone:	
Project Number:	
Project Name:	Mound City Bank
Project State:	Wisconsin
Sampled By (Print):	~~Rob~~ Mark Seymour
Sampled By (Sign):	Mark Seymour
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Robyn Seymour
Mail To Company:	Seymour Env.
Mail To Address:	2531 Dyreson Road Mcfarland WI
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	SS-1	7/1/14	1204	S		X	X	1-HCl 2VF 1-4oz		
002	SS-2	1	1220	S		X	X	✓ ✓		

409908 2

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:
Robyn Seymour	7/1 PM.		
Dunham	7/2/14 0820	S Beale Pace	7/2/14 0820

PACE Project No.: 4098

Receipt Temp = 6 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

Wisconsin State Laboratory of Hygiene
2601 Agriculture Drive, PO Box 7996
Madison, WI 53707-7996
(800)442-4618 - FAX (608)224-6213
http://www.slh.wisc.edu

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268001

Report To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558

Invoice To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558
Customer ID: 13810

Field #: SS-1
Project No: MOUND CITY BANK
Collection End: 7/7/2014 11:49:00 AM
Collection Start: 07/07/14 1058
Collected By: MARK R SEYMOUR
Date Received: 7/9/2014
Date Reported: 7/22/2014
Sample Reason:

ID#: SS-1
Sample Location: SS-1
Sample Description:
Sample Type: SB-SUB SLAB
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 07/21/14 Analysis Date	07/21/14				
Vinyl chloride	EPA TO-15	ND	ppbv	130	420
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	130	420
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	130	420
Trichloroethene	EPA TO-15	ND	ppbv	130	420
Tetrachloroethene	EPA TO-15	15000	ppbv	130	420

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:
LOD = Level of detection
LOQ = Level of quantification
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see http://www.slh.edu/nelap/

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268001

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262
Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270
Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282
Organic Chemistry: David Webb, Lab Manager, 608-224-6200
Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268002

Report To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558

Invoice To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558
Customer ID: 13810

Field #: SS-2
Project No: MOUND CITY BANK
Collection End: 7/7/2014 11:54:00 AM
Collection Start: 07/07/14 1125
Collected By: MARK R SEYMOUR
Date Received: 7/9/2014
Date Reported: 7/22/2014
Sample Reason:

ID#: SS-2
Sample Location: SS-2
Sample Description:
Sample Type: SB-SUB SLAB
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 07/15/14 Analysis Date 07/15/14					
Vinyl chloride	EPA TO-15	ND	ppbv	2.1	7.0
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	2.1	7.0
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	2.1	7.0
Trichloroethene	EPA TO-15	3.1F	ppbv	2.1	7.0
Tetrachloroethene	EPA TO-15	87	ppbv	2.1	7.0

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:
LOD = Level of detection
LOQ = Level of quantification
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268002

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262
Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270
Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282
Organic Chemistry: David Webb, Lab Manager, 608-224-6200
Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268003

Report To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558

Invoice To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558
Customer ID: 13810

Field #: SG-1
Project No: MOUND CITY BANK
Collection End: 7/7/2014 12:11:00 PM
Collection Start: 07/07/14 1139
Collected By: MARK R SEYMOUR
Date Received: 7/9/2014
Date Reported: 7/22/2014
Sample Reason:

ID#: SG-1
Sample Location: SG-1
Sample Description:
Sample Type: OT-OTHER
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

Sample Comments

SAMPLE TYPE: SG- SOIL GAS

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 07/15/14 Analysis Date 07/15/14					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	0.12F	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	0.69	ppbv	0.085	0.28

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:
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LOQ = Level of quantification
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268003

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262
Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270
Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282
Organic Chemistry: David Webb, Lab Manager, 608-224-6200
Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

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Madison, WI 53707-7996
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Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268004

Report To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558

Invoice To:
SEYMOUR ENVIRONMENTAL SVCS
P.O. BOX 398
MC FARLAND, WI 53558
Customer ID: 13810

Field #: CARRAGE HOUSE
Project No: MOUND CITY BANK
Collection End: 7/8/2014 11:34:00 AM
Collection Start: 07/04/14 1131
Collected By: MARK R SEYMOUR
Date Received: 7/9/2014
Date Reported: 7/22/2014
Sample Reason:

ID#: CARRAGE HOUSE
Sample Location: CARRAGE HOUSE
Sample Description:
Sample Type: AI-INDOOR AIR
Waterbody:
Point or Outfall:
Sample Depth:
Program Code:
Region Code:
County:

OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 07/15/14 Analysis Date	07/15/14				
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	0.16F	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	2.9	ppbv	0.085	0.28

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

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LOQ = Level of quantification
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if LOD=LOQ, Limits were not statistically derived

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http://www.slh.wisc.edu

Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790 NELAP LAB ID: E37658 EPA LAB ID: WI00007 WI DATCP ID: 105-415

WSLH Sample: 144268004

Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262
Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270
Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282
Organic Chemistry: David Webb, Lab Manager, 608-224-6200
Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251

Table 1

Beacon Environmental Services, Inc.
2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA

Analysis by EPA Method 8260C

Client Sample ID:	mb140714s	Trip-1	1	2	3	4
Project Number:		2861	2861	2861	2861	2861
Lab File ID:	S14071403	S14071412	S14071413	S14071414	S14071415	S14071416
Received Date:		7/11/2014	7/11/2014	7/11/2014	7/11/2014	7/11/2014
Analysis Date:	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014
Analysis Time:	11:07	14:43	15:04	15:26	15:47	16:09
Matrix:			Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<10	<10	<10	<10	<10	<10
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<10	<10	<10	<10	<10	<10
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<10	<10	**280**	**6 J**	<10	**88**
Methyl-t-butyl ether	<25	<25	**43**	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<10	<10	<10	<10	<10	<10
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<10	<10	<10	**8 J**	<10	<10
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	**27**	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<10	<10	<10	**4,791**	**1,465**	**14**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
TPH C_5-C_9	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
TPH C_{10}-C_{15}	<5,000	<5,000	**7,936**	<5,000	<5,000	**14,108**

Results in nanograms (ng). J = Values below limit of quantitation (LOQ) but above limit of detection (LOD). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA

Analysis by EPA Method 8260C

Client Sample ID:	5	6	7	8	9	10
Project Number:	2861	2861	2861	2861	2861	2861
Lab File ID:	S14071417	S14071418	S14071419	S14071420	S14071421	S14071422
Received Date:	7/11/2014	7/11/2014	7/11/2014	7/11/2014	7/11/2014	7/11/2014
Analysis Date:	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014
Analysis Time:	16:31	16:52	17:14	17:35	17:57	18:18
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<10	<10	<10	<10	<10	<10
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	<10	<10	<10	<10	<10	<10
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	**7 J**	<10	<10	**7 J**	<10	<10
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<10	<10	<10	<10	<10	<10
Chloroform	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25
Trichloroethene	<10	<10	<10	<10	<10	<10
1,4-Dioxane	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<10	<10	<10	<10	<10	**20**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	**40**
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	**175**
TPH C_5-C_9	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
TPH C_{10}-C_{15}	<5,000	<5,000	<5,000	<5,000	<5,000	**7,183**

Results in nanograms (ng). J = Values below limit of quantitation (LOQ) but above limit of detection (LOD). B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA

Analysis by EPA Method 8260C

Client Sample ID:	11	12	13	14	15
Project Number:	2861	2861	2861	2861	2861
Lab File ID:	S14071423	S14071424	S14071425	S14071426	S14071427
Received Date:	7/11/2014	7/11/2014	7/11/2014	7/11/2014	7/11/2014
Analysis Date:	7/14/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014
Analysis Time:	18:40	19:01	19:23	19:45	20:06
Matrix:	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Units:	ng	ng	ng	ng	ng
COMPOUNDS					
Vinyl Chloride	<10	<10	<10	<10	<10
Trichlorofluoromethane (Freon 11)	<25	<25	<25	<25	<25
1,1-Dichloroethene	<10	<10	<10	<10	<10
1,1,2-Trichlorotrifluoroethane (Fr.113)	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	**9 J**	<10	**14**	<10	**22**
Methyl-t-butyl ether	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<10	<10	<10	<10	<10
Chloroform	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25
Trichloroethene	<10	<10	<10	<10	<10
1,4-Dioxane	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25
Tetrachloroethene	**58**	<10	<10	**13**	**23**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25
Naphthalene	**66**	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25
2-Methylnaphthalene	**78**	<25	**41**	<25	**58**
TPH C_5-C_9	<5,000	<5,000	<5,000	<5,000	<5,000
TPH C_{10}-C_{15}	**5,082**	<5,000	**7,634**	**7,618**	**9,146**

Results in nanograms (ng). J = Values below limit of quantitation (LOQ) but above limit of detection (LOD). B = Detected in method blank.