Seymour
Environmental Services, Inc.

Tel: 608-838-9120
Fax: 608-838-9121

December 1, 2014

Ms. Denise Nettesheim
WDNR – R&R
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5367

RE: Contamination Assessment Update
Summit Credit Union Property - 205 S. Klein Drive
Waunakee, Wisconsin
BRRTS # 02-13-561778

Dear Ms. Nettesheim:

Seymour Environmental Services, Inc. (Seymour) is pleased to present the results of the recent contamination assessment results. Seymour developed a work plan based on the results of the sampling previously conducted by METCO and comments regarding additional concerns at the site outlined in an email to METCO (June 30, 2014). Activities included in the proposed work included: sampling of sub-slab and indoor air vapors at the subject parcel; soil sampling beneath the building, along the sewer lateral and on the adjacent properties to the north and west; and installation of three water table monitoring wells and groundwater sampling.

Historic Dry Cleaning Activities

Dry cleaners operated at the site from 1992 through June of 2013. The dry cleaning businesses were located in the northern portion of the building. The dry cleaning equipment was located in a mechanical room. Both METCO and Seymour attempted to contact the former operator of the dry cleaner regarding the operations at the facility. Neither of us was successful making contact.

A list of equipment removed by the Cross Plains State Bank was listed in the METCO phase I. None of this equipment typically uses tetrachloroethene (PCE).

SUMMARY OF PREVIOUS SITE ASSESSMENT RESULTS

In December 2013 and May 2014 soil sampling was conducted at the site. During the initial investigation shallow soil sampling (~4 feet) was conducted at three locations slightly outside of the footprint of the building. Analysis of the soil samples showed that high levels of PCE were present in the shallow soils. The PCE level in the soil at each of the three sampling locations was between 750-1000 ug/kg. Since the PCE levels identified in the shallow soil exceeded WDNR standards 8 additional borings were installed to further assess both the vertical and lateral extent of the CVOC-impacted soils. During the second round of soil geoprobe sampling

the borings were extended to refusal, typically 18-20 feet deep (on bedrock). Soil samples collected at three horizons; shallow ~3.5 feet, 10 feet and at refusal were submitted for laboratory analysis of VOCs. The soil sampling confirmed that the PCE contamination around the building extends from near the surface to a depth of approximately 20 feet where the bedrock was encountered. No PCE was identified in the soil samples collected from four borings located 30 to 40 feet away from the margins of the building. Sampling locations are shown on Figure 2 and laboratory results from the sampling are summarized in Table 1.

Groundwater was not encountered during the geoprobe assessment. Bedrock at the site is present at a depth of approximately 20 feet below grade. Regional groundwater level data indicate that the water table is present at a depth of approximately 28 feet.

Based on the results of the initial sampling a work plan was prepared and submitted to the WDNR in September 2014. The work plan described planned activities to address several concerns raised by the WDNR. In particular, the extent of shallow soil contamination, whether groundwater has been impacted, and whether hazardous vapors have accumulated beneath the building at the site.

RECENT ASSESSMENT ACTIVITIES

Soil Sampling and Analysis

On September 29 and October 14, 2014 additional soil sampling was conducted at the site. The objectives of the soil sampling were to determine the lateral extent of PCE in shallow soils on the adjacent properties to the north and west, evaluate whether significant release(s) of PCE have occurred along the sanitary sewer lateral, and determine the contaminant levels beneath the building in the former chemical handling area. Sampling outside of the building was conducted using a geoprobe.

Geoprobe borings were installed on September 29, 2014. A total of 4 borings were installed; 2 of the borings were installed to the north and west of the building to delimit shallow soil contamination and 2 borings were installed on the eastern portion of the site to evaluate potential release(s) from the sanitary sewer lateral. Soil samples were collected continuously during drilling. The soil samples were described in the field and screened for organic vapors using a photoionization detector equipped with a 10.6 eV lamp. The geoprobe borings were installed to 8 feet.

Soil encountered in the borings was comprised of silty sand with some cobbles. Organic vapor levels in the soil samples ranged from 0 to 3.8 parts per million by volume.

We selected the 8 foot samples for analysis along the sewer line and ran both the 4 foot and 8 foot samples in the yards adjacent to the property. Dry cleaning related chemicals were present in 2 of the 6 samples analyzed; both were the shallower samples on the neighboring properties. Only PCE was detected in the soil samples.

The PCE was detected in shallow (4 feet below grade) soil samples from the two borings located to the north and west of the building, GP-14 and GP-15. The PCE concentration present in these samples was 35.6 ug/kg and 152 ug/kg. No PCE was detected in soil samples collected deeper (8 feet deep) at these borings. The concentrations present in the shallow samples exceed the WDNR groundwater protection level but do not exceed direct contact hazard levels.

No VOCs were detected in the soil samples collected along the sewer lateral. Samples in the borings installed in this area were collected at a depth of 8 feet, below the bottom of the sewer lateral. Based on the sample analysis it does not appear that significant dry cleaning chemical release(s) occurred along the sewer lateral.

A hand-auger boring was installed inside of the building on October 14, 2014. The boring was installed in the maintenance room where dry cleaning chemicals formerly were filtered (Figure 3). After drilling through the concrete floor slab a hand auger was advanced to a depth of 16 inches below the floor grade. A soil sample collected from 9-16 inches was selected for laboratory analysis for VOCs. The soil sample contained PCE at 1830 ug/kg. The PCE level in the soil sample was greater than all but one of the previously collected samples and significantly above the WDNR groundwater protection RCL of 4.5 ug/kg. Analytical results are included on Table 2. After the sampling was completed the borehole was backfilled with cuttings and the concrete surface was patched with hydraulic cement.

Monitoring Well Installation/Groundwater Sampling

On September 29, 2014 three water-table monitoring wells were installed at the site. One of the wells (MW-1) was located near the northwest corner of the building near the former dry cleaning machinery. The other two wells were placed along the southern property boundary where lower levels of soil contamination had been identified. Well locations are shown on Figure 4.

The monitoring wells were drilled using a combination of hollow-stem augers and air rotary methods. During the installation of the first monitoring well we switched from hollow stem augers to air rotary when we hit refusal at 19 feet. However, after drilling through the consolidated layer we again encountered unconsolidated sediments. We determined that it was actually a cobble layer that stopped the geoprobes but the drill rig was able to get through the layer with augers once we attempted to do so. We did not collect soil samples during the monitoring well installation since the location selected for the wells already had identified soil contamination.

On October 10, 2014 initial groundwater monitoring was conducted at the site. Monitoring consisted of surveying the wells, measurement of water levels, and groundwater sample collection. Water level data collected during the sampling shows that the water-table at the site is present approximately 20 feet below grade. Groundwater elevation data indicates that groundwater flow in the water-table aquifer is toward the north northwest (N16°W). The horizontal water table gradient is 0.0054 ft/ft. Groundwater samples collected from the wells

were analyzed for VOCs. Analytical data shows that dry cleaning related chemicals are present above the NR140 enforcement standard (ES) in groundwater across the western half of the site.

The most severe contamination was present in the groundwater northwest of the building (MW-1). At this location PCE and trichloroethene (TCE) levels in the groundwater exceeded the ES and the cis 1, 2 dichloroethene concentration exceeded the NR140 preventative action limit (PAL). Groundwater samples from the both MW-2 and MW-3 contained PCE above the ES but no other analytes were detected. Groundwater analytical results are compiled in Table 4 and results of the October 2014 groundwater monitoring are shown on Figure 4.

Vapor Intrusion Pathway Screening

On October 14, 2014 two sub-slab vapor probes were installed inside of the building at the site. One of the probes (SS-1) was installed in the former dry cleaning chemical handling area. The second probe (SS-2) was installed adjacent to the sanitary sewer lateral outlet from the building. At both of the subslab probes 3 to 4 inches of concrete was present overlying a 1" thick layer of polystyrene foam board. Sediments beneath the floor were medium-grained washed sand.

To install the sub-slab probes a 1.25" hole was drilled through the concrete floor and advanced to a depth of approximately 11-12 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 polystyrene foam subfloor. 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.

Vapor sampling was conducted at the site on October 27, 2014. The vapor samples were collected using 6-liter Summa canisters provided by the Wisconsin State Lab of Hygiene. The sub-slab sampling canisters were equipped with a regulator so that the canister filled over a 30-minute period limiting the flow to approximately 200 ml/min. No indoor air samples were collected coincident with the subslab sampling. 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 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 and the vapor was screened using a photoionization detector equipped with a 10.6 eV lamp. Organic vapor readings from the subslab probes were 327 vppm (SS-1) and 8.3 vppm (SS-2). 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 significant levels of CVOCs. The only compound, commonly associated with dry cleaning solvents, PCE, was detected. However, the detection levels for the remaining analytes were elevated. The PCE concentration in both of the sub-slab sampling probes exceeded the WDNR sub-slab screening level for non-residential properties of 270 vppb. The highest PCE levels were present in the vapor sample collected near the former dry cleaning chemical handling area. The PCE concentration in the sub-slab vapors at that location (SS-1) was 120,000 vppb. The PCE level in the sub-slab vapors at the probe installed near the sewer outlet (SS-2) was much lower (8900 vppb) but still exceeded the screening level. Vapor sampling data is summarized in Table 5 and sample locations are shown on Figure 5.

DISCUSSION OF RESULTS

Data collected at the site confirms that a significant release of dry-cleaning related chemicals has occurred at the site. The distribution of the identified contamination indicates that the primary release area is located along the west side of the building, mainly on the north side. The dry cleaners that were present at the site rented the north side of the building and the dry cleaning equipment appeared to have been located along the back of the building, or the west side.

RECOMMENDATIONS

- Complete the groundwater investigation, this will likely require at least four more monitoring wells.

- Assess the vapor intrusion potential on neighboring properties.

If you have any questions about the site please feel free to give Mark Fryman or me a call at (608) 838-9120 anytime.

Sincerely,
Seymour Environmental Services

Robyn Seymour
Hydrogeologist

Enclosures: Tables (5)
Figures (5)
Boring Logs
Laboratory Reports

cc: Jane Rach (Summit Credit Union) – Responsible Party

TABLES

TABLE 1
SOIL ANALYTICAL DATA FROM INITIAL ASSESSMENT (METCO)
Summit Credit Union Property
205 S. Klein Street - Waunakee, Wisconsin

Date	Boring	Depth (ft)	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride
12/31/13	GP-1	4	**820**	<28	<24	<29	<21
	GP-2	4	**870**	<28	<24	<29	<21
	GP-3	4	**770**	<28	<24	<29	<21
05/19/14	GP-4	10	**360**	<28	<24	<29	<21
	GP-4	18	**550**	<28	25.8	<29	<21
	GP-5	3.5	<49	<28	<24	<29	<21
	GP-5	10	<49	<28	<24	<29	<21
	GP-5	20	<49	<28	<24	<29	<21
	GP-6	3.5	**58**	<28	<24	<29	<21
	GP-6	10	<49	<28	<24	<29	<21
	GP-6	19	<49	<28	<24	<29	<21
	GP-7	3.5	<49	<28	<24	<29	<21
	GP-7	10	<49	<28	<24	<29	<21
	GP-7	20	<49	<28	<24	<29	<21
	GP-8	10	**1150**	<28	<24	<29	<21
	GP-8	19	**1730**	<28	<24	<29	<21
	GP-9	10	**910**	<28	<24	<29	<21
	GP-9	20	**1840**	<28	<24	<29	<21
	GP-10	3.5	<49	<28	<24	<29	<21
	GP-10	10	<49	<28	<24	<29	<21
	GP-10	18	<49	<28	<24	<29	<21
	GP-11	3.5	<49	<28	<24	<29	<21
	GP-11	10	<49	<28	<24	<29	<21
	GP-11	19.5	<49	<28	<24	<29	<21
Groundwater Protection RCL			4.5	3.6	41.2	58.8	0.1
Direct Contact Hazard Level*			30,700	644	156,000	211,000	67

- Results are reported in ug/kg
- ns = no standard established
- Standards from WDNR R&R Calculator
- Bold Values exceed groundwater protection RCL (DAF=2)
* - Direct Contact Hazard Level for Non-industrial properties

TABLE 2
SUMMARY OF SOIL ANALYTICAL DATA
Summit Credit Union Property
205 S. Klein Street - Waunakee, Wisconsin

Date	Boring	Depth (ft)	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride
12/31/13	GP-1	4	**820**	<28	<24	<29	<21
	GP-2	4	**870**	<28	<24	<29	<21
	GP-3	4	**770**	<28	<24	<29	<21
05/19/14	GP-4	10	**360**	<28	<24	<29	<21
	GP-4	18	**550**	<28	25.8	<29	<21
	GP-5	3.5	<49	<28	<24	<29	<21
	GP-5	10	<49	<28	<24	<29	<21
	GP-5	20	<49	<28	<24	<29	<21
	GP-6	3.5	**58**	<28	<24	<29	<21
	GP-6	10	<49	<28	<24	<29	<21
	GP-6	19	<49	<28	<24	<29	<21
	GP-7	3.5	<49	<28	<24	<29	<21
	GP-7	10	<49	<28	<24	<29	<21
	GP-7	20	<49	<28	<24	<29	<21
	GP-8	10	**1150**	<28	<24	<29	<21
	GP-8	19	**1730**	<28	<24	<29	<21
	GP-9	10	**910**	<28	<24	<29	<21
	GP-9	20	**1840**	<28	<24	<29	<21
	GP-10	3.5	<49	<28	<24	<29	<21
	GP-10	10	<49	<28	<24	<29	<21
	GP-10	18	<49	<28	<24	<29	<21
	GP-11	3.5	<49	<28	<24	<29	<21
	GP-11	10	<49	<28	<24	<29	<21
	GP-11	19.5	<49	<28	<24	<29	<21
09/29/14	GP-12	8	<25.0	<25.0	<25.0	<25.0	<25.0
	GP-13	8	<25.0	<25.0	<25.0	<25.0	<25.0
	GP-14	4	**35.6**	<25.0	<25.0	<25.0	<25.0
	GP-14	8	<25.0	<25.0	<25.0	<25.0	<25.0
	GP-15	4	**152**	<25.0	<25.0	<25.0	<25.0
	GP-15	7.5	<25.0	<25.0	<25.0	<25.0	<25.0
10/14/14	B-1	0.75-1.3	**1830**	<25.0	<25.0	<25.0	<25.0
Groundwater Protection RCL			4.5	3.6	41.2	58.8	0.1
Direct Contact Hazard Level			30,700	644	156,000	211,000	67

- Results are reported in ug/kg
- ns = no standard established
- Standards from WDNR R&R Calculator
- Bold Values exceed groundwater protection RCL (DAF=2)
* - Direct Contact Hazard Level for Non-industrial properties

TABLE 3
SUMMARY OF WELL CONSTRUCTION AND WATER LEVEL DATA
Summit Credit Union Property
205 S. Klein Street - Waunakee, Wisconsin

WELL CONSTRUCTION DETAILS							WATER LEVEL DATA 10/10/2014	
Well	Date Installed	TOC Elevation	Total Depth (ft)	Screen Length (ft)	Top of Screen elevation	Base of Screen elevation	Depth (ft)	Elevation
MW-1	9/29/2014	935.58	28.80	10	916.78	906.78	19.48	916.10
MW-2	9/30/2014	934.63	26.62	10	918.01	908.01	18.10	916.53
MW-3	9/30/2014	935.69	26.72	10	918.97	908.97	19.07	916.62

- Length and depth data is listed in feet
- Elevation Data is listed in feet mean sea level
- TOC = Top of Casing

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
Summit Credit Union Property
205 S. Klein Street - Waunakee, Wisconsin

Date	10/10/14			NR140	
Select VOCs	MW-1	MW-2	MW-3	PAL	ES
Tetrachloroethene	**4110**	**27.1**	**86.2**	0.5	5
Trichloroethene	**40.8(J)**	<0.33	<0.33	0.5	5
cis 1,2 dichloroethene	**30.6(J)**	<0.26	<0.26	7	70
trans 1,2 dichloroethene	<12.8	<0.26	<0.26	20	100
Vinyl chloride	<8.8	<0.18	<0.18	0.02	0.2
1,1 dichloroethene	<20.5	<0.41	<0.41	0.7	7
Benzene	<25.0	<0.50	<0.50	0.5	5
Chlorobenzene	<25.0	<0.50	<0.50	ns	ns
Chloroethane	<18.7	<0.37	<0.37	80	400
Chloromethane	<25.0	<0.50	<0.50	0.3	3
Ethylbenzene	<25.0	<0.50	<0.50	140	700
Toluene	<25.0	<0.50	<0.50	200	1000

- Results are reported in ug/l
- All detected compounds included in table
- ns = no standard established
- (J) = less than limit of quantitation
- NR140 PAL = Preventative Action Limit (exceedances bold)
- NR140 ES = Enforcement Standard (exceedances shaded)

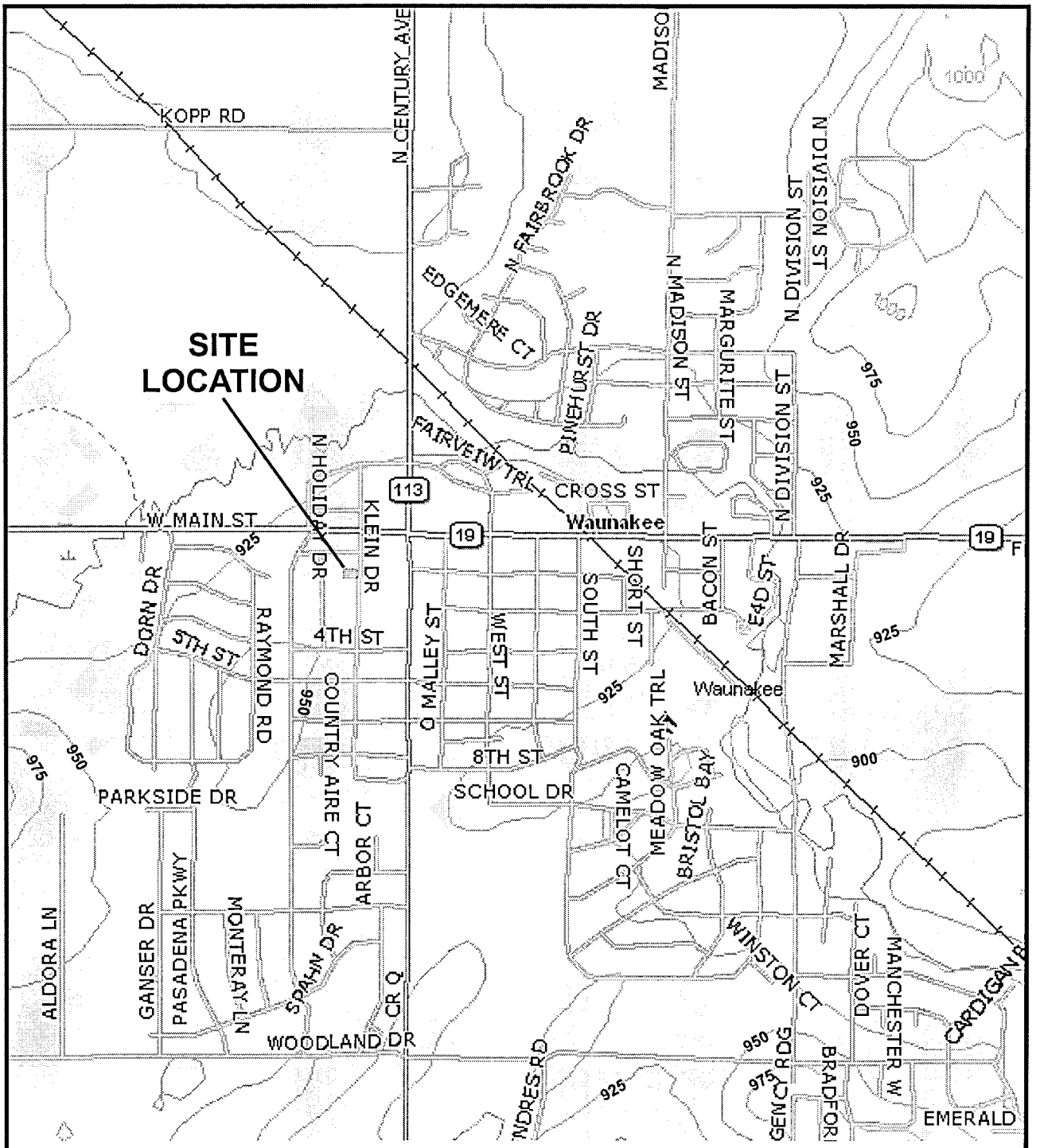
TABLE 5
SUMMARY OF VAPOR ANALYTICAL DATA (10/27/14)
Summit Credit Union Property
205 S. Klein Street - Waunakee, Wisconsin

SUBSLAB SAMPLING RESULTS

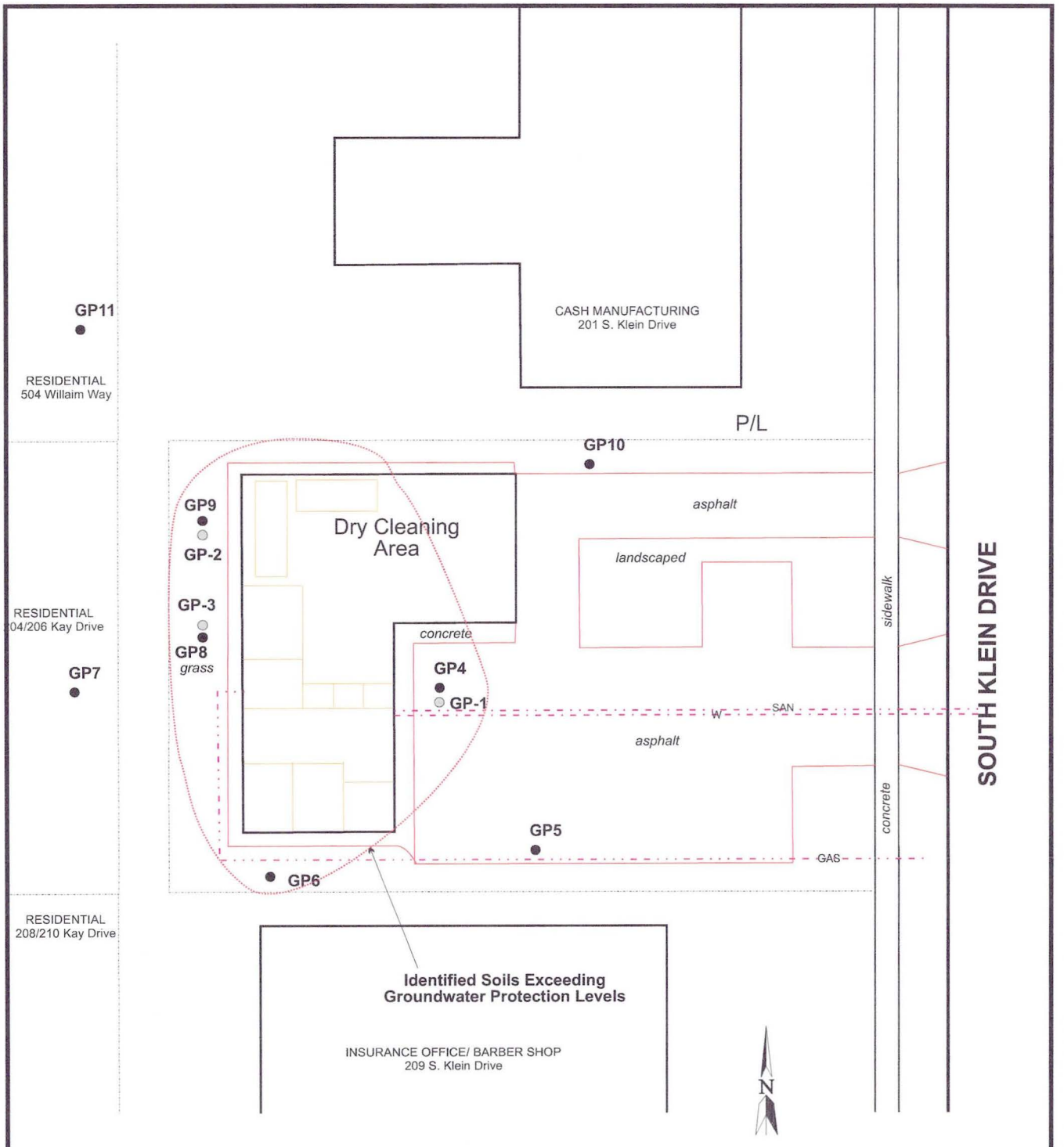
Sample ID	Location	Tetrachloroethene	Trichloroethene	cis 1,2 dichloroethene	trans 1,2 dichloroethene	Vinyl chloride
SS-1	Former Dry Cleaning Area	**120,000**	<2600	<2600	<2600	<2600
SS-2	Sanitary Outfall	**8900**	<260	<260	<260	<260
Non-residential Properties						
Indoor Air Standard		27	1.6	ne	65	11
Subslab Screening Level (10x)		270	16	ne	650	110

- Results are reported in vapor part per billion (vppb)
- ne = no standard established
- Bold Values exceed indoor air quality standard
- Shaded values exceed subslab screening level

FIGURES



SEYMOUR ENVIRONMENTAL SERVICES, INC.	SITE LOCATION SUMMIT CREDIT UNION 205 South Klein Drive Waunakee, Wisconsin	FIGURE 1



LEGEND

GP7 ● - Sampling Location (2013/14)

0 30' 60'

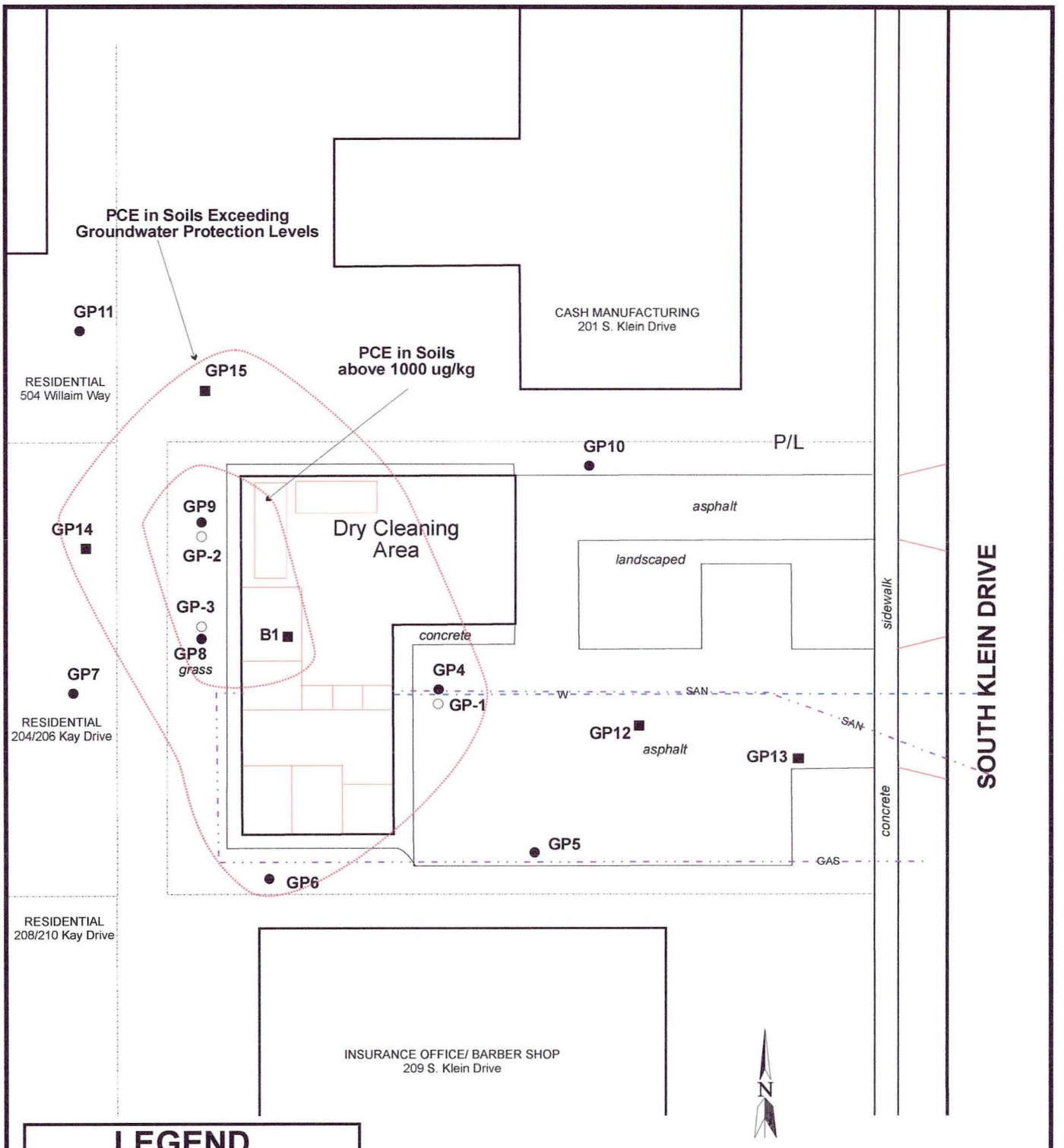
1 INCH = 30 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\SUMMIT-WAUNAKEE\ Fig2-Layout.cdr
DATE: 08/21/2014
PREPARED: MDF APPROVED:
SOURCE:
METCO Basemap
Dane County Mapping

SEYMOUR ENVIRONMENTAL SERVICES, INC.

SITE LAYOUT / IDENTIFIED CONTAMINATION
SUMMIT CREDIT UNION
205 South Klein Drive
Waunakee, Wisconsin

FIGURE
2



LEGEND

GP1 ● - Boring Location (Metco)

GP12 ■ - Boring Location (2014)

0 30' 60'

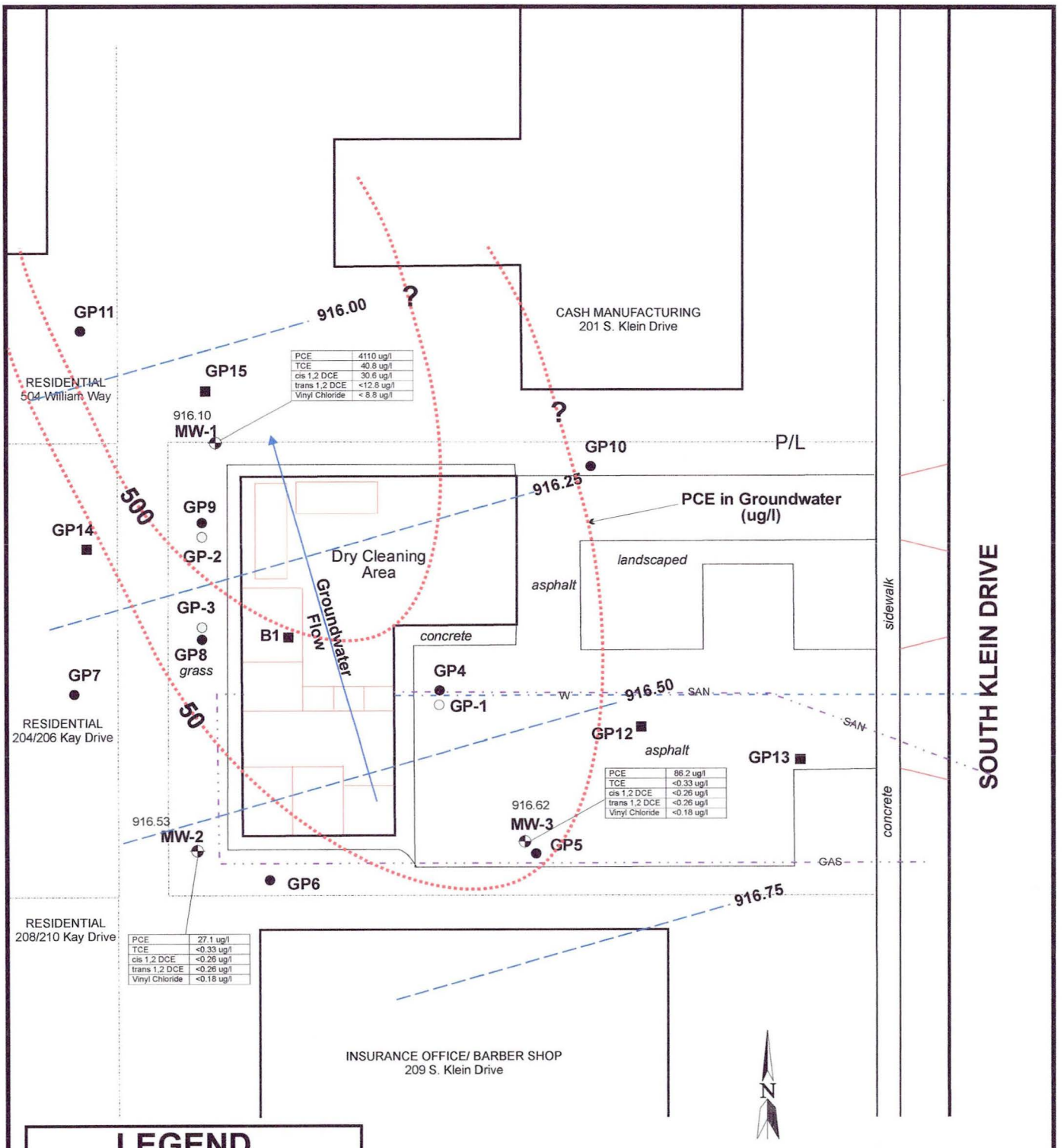
1 INCH = 30 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\SUMMIT-WAUNAKEE\ Fig3-proposed.cdr
DATE: 08/21/2014
PREPARED: MDF APPROVED:
SOURCE:
METCO Basemap
Dane County Mapping

SEYMOUR ENVIRONMENTAL SERVICES, INC.

SOIL SAMPLES / IDENTIFIED CONTAMINATION
SUMMIT CREDIT UNION
205 South Klein Drive
Waunakee, Wisconsin

FIGURE 3



LEGEND

GP1 ● - Boring Location (Metco)

GP12 ■ - Boring Location (2014)

MW-1 ⊕ - Monitoring Well

0 30' 60'

1 INCH = 30 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\SUMMIT-WAUNAKEE\ Fig3-proposed.cdr

DATE: 08/21/2014

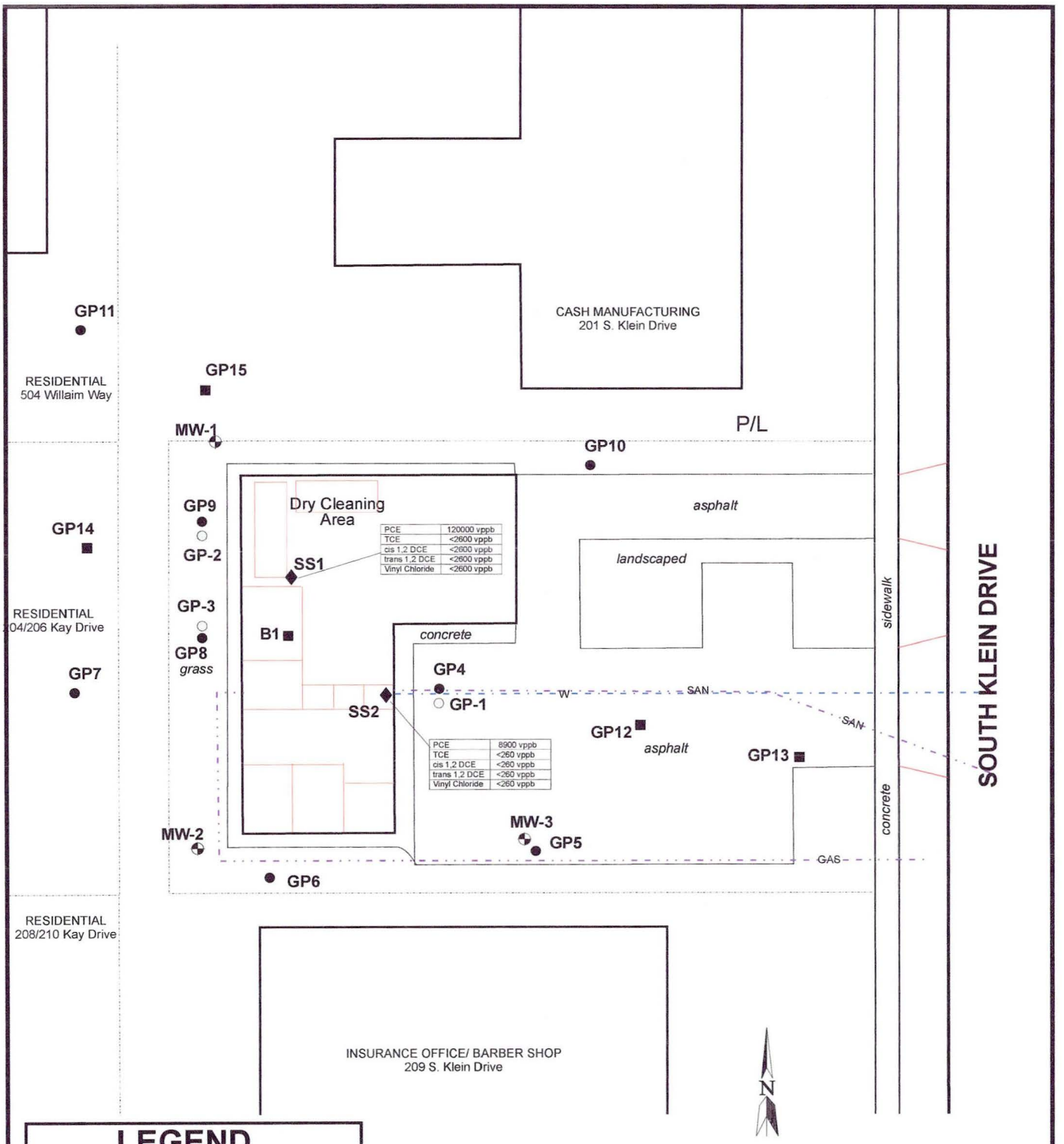
PREPARED: MDF APPROVED:

SOURCE:
METCO Basemap
Dane County Mapping

SEYMOUR ENVIRONMENTAL SERVICES, INC.

GROUNDWATER MONITORING DATA (Oct. 2014)
SUMMIT CREDIT UNION
205 South Klein Drive
Waunakee, Wisconsin

FIGURE 4



LEGEND

GP1 ● - Boring Location (Metco)

GP12 ■ - Boring Location (2014)

MW-1 ◔ - Monitoring Well

◆ - Subslab Sampling Location

0 30' 60'

1 INCH = 30 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\SUMMIT-WAUNAKEE\ Fig3-proposed.cdr

DATE: 08/21/2014

PREPARED: MDF APPROVED:

SOURCE:
METCO Basemap
Dane County Mapping

SEYMOUR ENVIRONMENTAL SERVICES, INC.

SUBSLAB VAPOR SAMPLING RESULTS
SUMMIT CREDIT UNION
205 South Klein Drive
Waunakee, Wisconsin

FIGURE
5

APPENDIX A

BORING LOGS AND WELL CONSTRUCTION FORMS

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122
Page 1 of 1

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Waun-A-Clean Inc., 205 S. Klein Drive		GP-12
Boring Drilled by		Date Installed
Badger State Drilling (Kevin Duerst) Seymour Environmental (Robyn Seymour)		9/29/2014
Boring or Well Number WI Unique Well Number (assigned by DNR)	Borehole Diameter	Water Level Surface Elevation
GP-12	2-inch	na
NE ¼ of NE ¼ of Section 07 T 08 N R 09 E	Grid Location (if applicable)	
County Dane / County Code 13	Civil Town Waunakee	

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	24	4	Asphalt Brown clayey silt, slight sand		ML		0						
2	36	8	Change to silty sand, slight gravel End of boring		SM		0						

Signature Robyn Seymour

Firm: Seymour Environmental Services, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122
Page 1 of 1

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Waun-A-Clean Inc., 205 S. Klein Drive		GP-13
Boring Drilled by		**Date Installed**
Badger State Drilling (Kevin Duerst) Seymour Environmental (Robyn Seymour)		9/29/2014
Boring or Well Number WI Unique Well Number (assigned by DNR)	**Borehole Diameter**	**Water Level** Surface Elevation
GP-13	2-inch	na
NE ¼ of NE ¼ of Section 07 T 08 N R 09 E	Grid Location (if applicable)	
County Dane	County Code 13	Civil Town Waunakee

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	28	4	Asphalt Brown clayey silt, slight sand Some gravel		ML		0						
2	40	8	Change to silty sand, slight gravel End of boring		SM		0						

Signature Robyn Seymour

Firm: Seymour Environmental Services, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122
Page 1 of 1

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Waun-A-Clean Inc., 205 S. Klein Drive		GP-14
Boring Drilled by		**Date Installed**
Badger State Drilling (Kevin Duerst) Seymour Environmental (Robyn Seymour)		9/29/2014
Boring or Well Number / **WI Unique Well Number (assigned by DNR)**	**Borehole Diameter**	**Water Level** / **Surface Elevation**
GP-14	2-inch	na
NE ¼ of NE ¼ of Section 07 T 08 N R 09 E	Grid Location (if applicable)	
County Dane / County Code 13	Civil Town Waunakee	

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	24	4	Grass Brown sandy clayey silt		ML		2.1						
2	48	8	Change to silty sand, slight gravel Increasing gravel content End of boring		SM		0						

Signature Robyn Seymour

Firm: Seymour Environmental Services, Inc.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122
Page 1 of 1

Facility/Project Name	Seymour Project Number	License/Permit/Monitoring Number
Waun-A-Clean Inc., 205 S. Klein Drive		GP-15
Boring Drilled by		**Date Installed**
Badger State Drilling (Kevin Duerst) Seymour Environmental (Robyn Seymour)		9/29/2014
Boring or Well Number / **WI Unique Well Number (assigned by DNR)**	**Borehole Diameter**	**Water Level** / **Surface Elevation**
GP-15	2-inch	na
NE ¼ of NE ¼ of Section 07 T 08 N R 09 E	Grid Location (if applicable)	
County Dane / County Code 13	Civil Town Waunakee	

SAMPLE	RECOVERY	DEPTH (ft)	SOIL/ROCK DESCRIPTION	WELL DIAGRAM	USCS	RQD	Stable OVM (vppm)	Soil Properties q	W	LL	PL	P200	Blow Count
1	32	4	Grass Silty topsoil Brown clayey silt, slight sand		ML		3.1						
2	48	8	Change to silty sand, slight gravel End of boring		SM		0						

Signature Robyn Seymour

Firm: Seymour Environmental Services, Inc.

BADGER STATE DRILLING CO., INC.

STOUGHTON, WISCONSIN

FOR Klein ST

LOCATION Wauwatosa, WI

FIELD BORING LOG

Seymour

ELEV.

Sheet ____ Of ____

Job No. 6381

Boring No. MW-1

GROUND WATER

While drilling ____ Time after drilling ____

Before casing removal ____ Depth to water ____

After casing removal ____ Depth to cave-in ____

Start 9-28-14

Unit D120

Chief LP

Sample No.	Moisture	Blows on Sampler 0/6	Blows on Sampler 6/12	Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Unconfined Strength	Boulders	Blows on Casing Size	Blows on Probe Size	Drilling Method
						Casing/Probe ____ Weight ____ Drop ____					
						Blind w/ 6¼ 0-14'					
						Br Dense Sandy S.A					
						cobble					
						Auger Refusal @ 14'					
						Switch to A.R 6" Hammer					
						Not Bedrock Drill Augers					
						Drill w/ 4½ to 29.5					
						E.O.B 29.5 Set					
						well @ 29.0					
						(7) Filter 17					
						(1) Fine 16					
						(13) Chips 1.0					
						Flush concrete					
						VP 870 - 1					
						871 - 2					
						872 - 3					
						8 Drums					

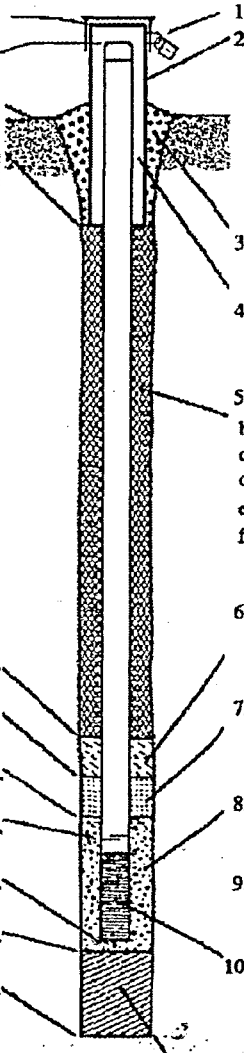
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Lewis St	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-1
Facility License, Permit or Monitoring No.: Waunakee, WI	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VY870 / DNR Well ID No.: _____
Facility ID: _____	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed: 4/29/14 (m m d d y y y y)
Type of Well: Well Code _____ / _____	Section Location of Waste/Source: 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. _____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Kip Cummins BSD
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____



A. Protective pipe, top elevation: Flush ft. MSL
B. Well casing, top elevation: _____ ft. MSL
C. Land surface elevation: _____ ft. MSL
D. Surface seal, bottom: _____ ft. MSL or _____ ft.

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

13. Sieve analysis performed? ☐ Yes ☐ No

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

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

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

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

E. Bentonite seal, top: _____ ft. MSL or 1.0 ft.
F. Fine sand, top: _____ ft. MSL or 16 ft.
G. Filter pack, top: _____ ft. MSL or 17 ft.
H. Screen joint, top: _____ ft. MSL or 19.0 ft.
I. Well bottom: _____ ft. MSL or 29.0 ft.
J. Filter pack, bottom: _____ ft. MSL or 24.5 ft.
K. Borehole, bottom: _____ ft. MSL or 24.5 ft.
L. Borehole, diameter: 8 in.
M. O.D. well casing: 2.38 in.
N. I.D. well casing: 2.0 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 in.
b. Length: 1 ft.
c. Material: Steel ☐ 04 / Other ☒ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☒3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #15
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Ohio #5
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer: Mondoffes
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☐ 14 / Other ☐ _____

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

Signature: Mark Farwell | Firm: Badger State Drilling, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

BADGER STATE DRILLING CO., INC.

STOUGHTON, WISCONSIN

FIELD BORING LOG

Sheet _____ Of _____

FOR Klein ST

LOCATION Wauwatosa, WI ELEV. _____

Job No. 6381

Boring No. MW-2

GROUND WATER

While drilling _____ Time after drilling _____

Before casing removal _____ Depth to water _____

After casing removal _____ Depth to cave-in _____

Start 9-29-14

Unit 7770

Chief K.G

Sample No.	Moisture	Blows on Sampler 0/6	Blows on Sampler 6/12	Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe / Weight / Drop	Unconfined Strength	Boulders	Blows on Casing Size	Blows on Probe Size	Drilling Method
						Blond w/ 4-4 0-28'						HSA
						Br Dense Sandy Silt						
						V- cobble layer						
						E.O.B 28'						
						Set 2" well 10' Screen						
						(9) 27'						
						(7) Filter 15'						
						(1) Fine 14'						
						(7) Chips 10'						
						Flush						
						UP 871						

5 10 15 20 25 30 35 40 45 50

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: River ST	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-2
Facility License, Permit or Monitoring No.: Milwaukee, WI	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or	Wis. Unique Well No.: VY871 / DNR Well ID No.: ____
Facility ID: ____	St. Plane ____ ft. N. ____ ft. E. S/C/N	Date Well Installed: 9/29/14 (m m d d y y y y)
Type of Well: Well Code ____ / ____	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____ T. ____ N. R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: R. Hamm / BSD
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ____

A. Protective pipe, top elevation 771.61 ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

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

13. Sieve analysis performed? ☐ Yes ☐ No

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

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

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

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

E. Bentonite seal, top _____ ft. MSL or 10 ft.
F. Fine sand, top _____ ft. MSL or 14 ft.
G. Filter pack, top _____ ft. MSL or 15 ft.
H. Screen joint, top _____ ft. MSL or 17 ft.
I. Well bottom _____ ft. MSL or 27 ft.
J. Filter pack, bottom _____ ft. MSL or 28 ft.
K. Borehole, bottom _____ ft. MSL or 28 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.0 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04
Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
Other ☐ _____
4. Material between well casing and protective pipe:
Bentonite ☐ 30
Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #15
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. OTTO #5
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____
10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14
Other ☐ _____

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

Signature: Mark Hamm | Firm: Badger State Drilling, Inc

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

BADGER STATE DRILLING CO., INC.

STOUGHTON, WISCONSIN

FIELD BORING LOG

Sheet ____ Of ____

Job No. 6391

FOR Klien ST

LOCATION Waunakee, WI ELEV. ____

Boring No. MW-3

GROUND WATER				
While drilling		Time after drilling		
Before casing removal		Depth to water		
After casing removal		Depth to cave-in		

Start 9-29-14
Unit D/20
Chief [illegible]

Sample No.	Moisture	Blows on Sampler 0/6	Blows on Sampler 6/12	Sample Recovery	Total Blows	Depth	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe / Weight / Drop	Unconfined Strength	Boulders	Blows on Casing Size	Blows on Probe Size	Drilling Method
						0	Asphalt 3" Base 6"						HSA
							Blind w/ 4 1/4 0-27.5						
						5							
						10	Br F. Dense Sandy Silt occasional Gravel						
						15							
						20							
						25							
						27.5	E.O.B 27.5						
						30	Set 2" well 10' screen @ 27'						
						35	(7) Filter 15'						
						40	(1) Fine 14' / (7) Chips 1.0 / Flush						
						45							
						50	VY872						

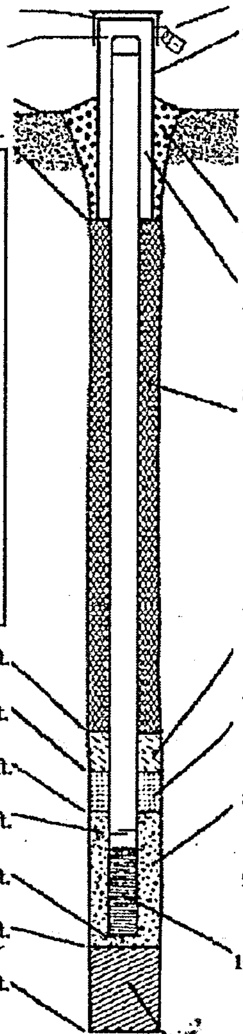
State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Klien ST	Local Grid Location of Well ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-3
Facility License, Permit or Monitoring No.: Milwaukee WI	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No.: VY872 / DNR Well ID No. ___
Facility ID: ___________	St. Plane ______ ft. N, ______ ft. E. S/C/N	Date Well Installed: 9/29/14 (m m d d y y y y)
Type of Well — Well Code ___/___	Section Location of Waste/Source ___ 1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐E ☐W	Well Installed By: Name (first, last) and Firm: R. Plummer, BSD
Distance from Waste/Source ______ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient; s ☐ Sidegradient; d ☐ Downgradient; n ☐ Not Known / Gov. Lot Number ______	



A. Protective pipe, top elevation — Flush ft. MSL

B. Well casing, top elevation ______ ft. MSL

C. Land surface elevation ______ ft. MSL

D. Surface seal, bottom ______ ft. MSL or ____ ft.

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

13. Sieve analysis performed? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 5 0
Hollow Stem Auger ☒ 4 1
Other ☐

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1
Drilling Mud ☐ 0 3 None ☐ 9 9

16. Drilling additives used? ☐ Yes ☐ No

Describe ______________

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

E. Bentonite seal, top ______ ft. MSL or 1.0 ft.

F. Fine sand, top ______ ft. MSL or 16.0 ft.

G. Filter pack, top ______ ft. MSL or 17.0 ft.

H. Screen joint, top ______ ft. MSL or 19.0 ft.

I. Well bottom ______ ft. MSL or 29.0 ft.

J. Filter pack, bottom ______ ft. MSL or 29.5 ft.

K. Borehole, bottom ______ ft. MSL or 29.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.0 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 9 in.
b. Length: 1 ft.
c. Material: Steel ☒ 0 4
Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: ______________

3. Surface seal: Bentonite ☐ 3 0
Concrete ☒ 0 1
Other ☐

4. Material between well casing and protective pipe:
Bentonite ☐ 3 0
Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . . . . Bentonite-cement grout ☐ 5 0
e. ________ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1
Tremie pumped ☐ 0 2
Gravity ☐ 0 8

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

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #45
b. Volume added ________ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. OKO #5
b. Volume added ________ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3
Flush threaded PVC schedule 80 ☐ 2 4
Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 1 1
Continuous slot ☐ 0 1
Other ☐
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 1 4
Other ☐

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

Signature	Firm
[signature]	Badger State Drilling, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

BADGER STATE DRILLING CO., INC.

STOUGHTON, WISCONSIN

FIELD BORING LOG

Sheet 1 Of 1

FOR

LOCATION ELEV.

Job No. 6381

Boring No.

GROUND WATER

While drilling | Time after drilling

Before casing removal | Depth to water

After casing removal | Depth to cave-in

Start 9/29/14

Unit GeoProbe

Chief KD - MB

Sample No.	Moisture	Blows on Sampler 0/6	Blows on Sampler 6/12	Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe / Weight / Drop	Unconfined Strength	Boulders	Blows on Casing Size	Blows on Probe Size	Drilling Method
						Wauwatosa Geoprobe Job						
						B-12, B-13, B-14, B-15 — Bentonite, sand & asphalt patch. Sample to 8'						

5 10 15 20 25 30 35 40 45 50

APPENDIX B

LABORATORY REPORTS

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

October 07, 2014

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

RE: Project: SUMMIT
Pace Project No.: 40104597

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on October 03, 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: SUMMIT
Pace Project No.: 40104597

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: SUMMIT
Pace Project No.: 40104597

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40104597001	GP-12, 8'	Solid	09/29/14 10:00	10/03/14 08:10
40104597002	GP-13, 8'	Solid	09/29/14 10:45	10/03/14 08:10
40104597003	GP-14, 4'	Solid	09/29/14 11:30	10/03/14 08:10
40104597004	GP-14, 8'	Solid	09/29/14 11:45	10/03/14 08:10
40104597005	GP-15, 4'	Solid	09/29/14 12:10	10/03/14 08:10
40104597006	GP-15, 7.5'	Solid	09/29/14 12:20	10/03/14 08:10

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

SAMPLE ANALYTE COUNT

Project: SUMMIT
Pace Project No.: 40104597

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40104597001	GP-12, 8'	EPA 8260	SMT	64
		ASTM D2974-87	SKW	1
40104597002	GP-13, 8'	EPA 8260	SMT	64
		ASTM D2974-87	SKW	1
40104597003	GP-14, 4'	EPA 8260	SMT	64
		ASTM D2974-87	SKW	1
40104597004	GP-14, 8'	EPA 8260	SMT	64
		ASTM D2974-87	SKW	1
40104597005	GP-15, 4'	EPA 8260	SMT	64
		ASTM D2974-87	SKW	1
40104597006	GP-15, 7.5'	EPA 8260	SMT	64
		ASTM D2974-87	SKW	1

Pace Analytical®
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-12, 8' **Lab ID: 40104597001** Collected: 09/29/14 10:00 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 14:58	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/06/14 09:00	10/06/14 14:58	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/06/14 09:00	10/06/14 14:58	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/06/14 09:00	10/06/14 14:58	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/06/14 09:00	10/06/14 14:58	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/06/14 09:00	10/06/14 14:58	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	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: SUMMIT
Pace Project No.: 40104597

Sample: GP-12, 8' **Lab ID: 40104597001** Collected: 09/29/14 10:00 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 14:58	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/06/14 09:00	10/06/14 14:58	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-69-4	L2,W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/06/14 09:00	10/06/14 14:58	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 14:58	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	118	%	37-152		1	10/06/14 09:00	10/06/14 14:58	1868-53-7	
Toluene-d8 (S)	107	%	38-154		1	10/06/14 09:00	10/06/14 14:58	2037-26-5	
4-Bromofluorobenzene (S)	107	%	39-139		1	10/06/14 09:00	10/06/14 14:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.1**	%	0.10	0.10	1		10/03/14 16:36		

Sample: GP-13, 8' **Lab ID: 40104597002** Collected: 09/29/14 10:45 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 15:20	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/06/14 09:00	10/06/14 15:20	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/06/14 09:00	10/06/14 15:20	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/06/14 09:00	10/06/14 15:20	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-13, 8' **Lab ID: 40104597002** Collected: 09/29/14 10:45 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 15:20	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/06/14 09:00	10/06/14 15:20	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/06/14 09:00	10/06/14 15:20	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/06/14 09:00	10/06/14 15:20	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	75-69-4	L2,W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-13, 8' **Lab ID: 40104597002** Collected: 09/29/14 10:45 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 15:20	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/06/14 09:00	10/06/14 15:20	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:20	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	123	%	37-152		1	10/06/14 09:00	10/06/14 15:20	1868-53-7	
Toluene-d8 (S)	107	%	38-154		1	10/06/14 09:00	10/06/14 15:20	2037-26-5	
4-Bromofluorobenzene (S)	110	%	39-139		1	10/06/14 09:00	10/06/14 15:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.2**	%	0.10	0.10	1		10/03/14 16:36		

Sample: GP-14, 4' **Lab ID: 40104597003** Collected: 09/29/14 11:30 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 15:43	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/06/14 09:00	10/06/14 15:43	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/06/14 09:00	10/06/14 15:43	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/06/14 09:00	10/06/14 15:43	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/06/14 09:00	10/06/14 15:43	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	107-06-2	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-14, 4' **Lab ID: 40104597003** Collected: 09/29/14 11:30 Received: 10/03/14 08:10 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-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/06/14 09:00	10/06/14 15:43	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	79-34-5	W
Tetrachloroethene	**35.6J**	ug/kg	68.3	28.5	1	10/06/14 09:00	10/06/14 15:43	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/06/14 09:00	10/06/14 15:43	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-69-4	L2,W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/06/14 09:00	10/06/14 15:43	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 15:43	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	125	%	37-152		1	10/06/14 09:00	10/06/14 15:43	1868-53-7	
Toluene-d8 (S)	113	%	38-154		1	10/06/14 09:00	10/06/14 15:43	2037-26-5	
4-Bromofluorobenzene (S)	114	%	39-139		1	10/06/14 09:00	10/06/14 15:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.2**	%	0.10	0.10	1		10/03/14 16:36		

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-14, 8' **Lab ID: 40104597004** Collected: 09/29/14 11:45 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 16:06	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/06/14 09:00	10/06/14 16:06	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/06/14 09:00	10/06/14 16:06	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/06/14 09:00	10/06/14 16:06	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/06/14 09:00	10/06/14 16:06	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/06/14 09:00	10/06/14 16:06	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	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: SUMMIT
Pace Project No.: 40104597

Sample: GP-14, 8' **Lab ID: 40104597004** Collected: 09/29/14 11:45 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 16:06	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/06/14 09:00	10/06/14 16:06	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-69-4	L2,W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/06/14 09:00	10/06/14 16:06	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:06	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	**117**	%	37-152		1	10/06/14 09:00	10/06/14 16:06	1868-53-7	
Toluene-d8 (S)	**105**	%	38-154		1	10/06/14 09:00	10/06/14 16:06	2037-26-5	
4-Bromofluorobenzene (S)	**106**	%	39-139		1	10/06/14 09:00	10/06/14 16:06	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.8**	%	0.10	0.10	1		10/03/14 16:36		

Sample: GP-15, 4' **Lab ID: 40104597005** Collected: 09/29/14 12:10 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 16:28	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/06/14 09:00	10/06/14 16:28	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/06/14 09:00	10/06/14 16:28	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/06/14 09:00	10/06/14 16:28	67-66-3	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-15, 4' **Lab ID: 40104597005** Collected: 09/29/14 12:10 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 16:28	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/06/14 09:00	10/06/14 16:28	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/06/14 09:00	10/06/14 16:28	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	79-34-5	W
Tetrachloroethene	**152**	ug/kg	74.6	31.1	1	10/06/14 09:00	10/06/14 16:28	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/06/14 09:00	10/06/14 16:28	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	75-69-4	L2,W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	108-67-8	W

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-15, 4' **Lab ID: 40104597005** Collected: 09/29/14 12:10 Received: 10/03/14 08:10 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	10/06/14 09:00	10/06/14 16:28	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/06/14 09:00	10/06/14 16:28	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 09:00	10/06/14 16:28	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	121	%	37-152		1	10/06/14 09:00	10/06/14 16:28	1868-53-7	
Toluene-d8 (S)	110	%	38-154		1	10/06/14 09:00	10/06/14 16:28	2037-26-5	
4-Bromofluorobenzene (S)	107	%	39-139		1	10/06/14 09:00	10/06/14 16:28	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.5**	%	0.10	0.10	1		10/03/14 16:36		

Sample: GP-15, 7.5' **Lab ID: 40104597006** Collected: 09/29/14 12:20 Received: 10/03/14 08:10 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	10/06/14 12:30	10/06/14 22:17	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/06/14 12:30	10/06/14 22:17	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/06/14 12:30	10/06/14 22:17	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/06/14 12:30	10/06/14 22:17	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	74-87-3	L3,W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/06/14 12:30	10/06/14 22:17	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	107-06-2	W

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

ANALYTICAL RESULTS

Project: SUMMIT
Pace Project No.: 40104597

Sample: GP-15, 7.5' **Lab ID: 40104597006** Collected: 09/29/14 12:20 Received: 10/03/14 08:10 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-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/06/14 12:30	10/06/14 22:17	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/06/14 12:30	10/06/14 22:17	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/06/14 12:30	10/06/14 22:17	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/06/14 12:30	10/06/14 22:17	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	116	%	37-152		1	10/06/14 12:30	10/06/14 22:17	1868-53-7	
Toluene-d8 (S)	102	%	38-154		1	10/06/14 12:30	10/06/14 22:17	2037-26-5	
4-Bromofluorobenzene (S)	105	%	39-139		1	10/06/14 12:30	10/06/14 22:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**5.5**	%	0.10	0.10	1		10/03/14 16:36		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUMMIT
Pace Project No.: 40104597

QC Batch: MSV/26057 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 40104597001, 40104597002, 40104597003, 40104597004, 40104597005

METHOD BLANK: 1058962 Matrix: Solid
Associated Lab Samples: 40104597001, 40104597002, 40104597003, 40104597004, 40104597005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/06/14 09:54	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/06/14 09:54	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/06/14 09:54	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/06/14 09:54	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/06/14 09:54	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/06/14 09:54	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/06/14 09:54	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/06/14 09:54	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/06/14 09:54	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/06/14 09:54	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/06/14 09:54	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/06/14 09:54	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/06/14 09:54	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/06/14 09:54	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/06/14 09:54	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/06/14 09:54	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/06/14 09:54	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/06/14 09:54	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/06/14 09:54	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/06/14 09:54	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/06/14 09:54	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/06/14 09:54	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/06/14 09:54	
Benzene	ug/kg	<9.2	20.0	10/06/14 09:54	
Bromobenzene	ug/kg	<20.6	50.0	10/06/14 09:54	
Bromochloromethane	ug/kg	<21.4	50.0	10/06/14 09:54	
Bromodichloromethane	ug/kg	<9.8	50.0	10/06/14 09:54	
Bromoform	ug/kg	<19.8	50.0	10/06/14 09:54	
Bromomethane	ug/kg	<69.9	250	10/06/14 09:54	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/06/14 09:54	
Chlorobenzene	ug/kg	<14.8	50.0	10/06/14 09:54	
Chloroethane	ug/kg	<67.0	250	10/06/14 09:54	
Chloroform	ug/kg	<46.4	250	10/06/14 09:54	
Chloromethane	ug/kg	<20.4	50.0	10/06/14 09:54	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/06/14 09:54	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/06/14 09:54	
Dibromochloromethane	ug/kg	<17.9	50.0	10/06/14 09:54	
Dibromomethane	ug/kg	<19.3	50.0	10/06/14 09:54	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/06/14 09:54	
Diisopropyl ether	ug/kg	<17.7	50.0	10/06/14 09:54	
Ethylbenzene	ug/kg	<12.4	50.0	10/06/14 09:54	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUMMIT
Pace Project No.: 40104597

METHOD BLANK: 1058962 Matrix: Solid
Associated Lab Samples: 40104597001, 40104597002, 40104597003, 40104597004, 40104597005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/06/14 09:54	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/06/14 09:54	
m&p-Xylene	ug/kg	<34.4	100	10/06/14 09:54	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/06/14 09:54	
Methylene Chloride	ug/kg	<16.2	50.0	10/06/14 09:54	
n-Butylbenzene	ug/kg	<10.5	50.0	10/06/14 09:54	
n-Propylbenzene	ug/kg	<11.6	50.0	10/06/14 09:54	
Naphthalene	ug/kg	<40.0	250	10/06/14 09:54	
o-Xylene	ug/kg	<14.0	50.0	10/06/14 09:54	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/06/14 09:54	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/06/14 09:54	
Styrene	ug/kg	<9.0	50.0	10/06/14 09:54	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/06/14 09:54	
Tetrachloroethene	ug/kg	<12.9	50.0	10/06/14 09:54	
Toluene	ug/kg	<11.2	50.0	10/06/14 09:54	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/06/14 09:54	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/06/14 09:54	
Trichloroethene	ug/kg	<23.6	50.0	10/06/14 09:54	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/06/14 09:54	
Vinyl chloride	ug/kg	<21.1	50.0	10/06/14 09:54	
4-Bromofluorobenzene (S)	%	103	39-139	10/06/14 09:54	
Dibromofluoromethane (S)	%	117	37-152	10/06/14 09:54	
Toluene-d8 (S)	%	103	38-154	10/06/14 09:54	

LABORATORY CONTROL SAMPLE & LCSD: 1058963 1058964

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	2740	2770	110	111	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2610	2490	104	100	70-130	5	20	
1,1,2-Trichloroethane	ug/kg	2500	2640	2490	105	99	70-130	6	20	
1,1-Dichloroethane	ug/kg	2500	2360	2380	94	95	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2290	2320	92	93	70-130	1	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2500	2430	100	97	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2650	2370	106	95	50-150	11	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2810	2730	112	109	70-130	3	20	
1,2-Dichlorobenzene	ug/kg	2500	2420	2490	97	99	70-130	3	20	
1,2-Dichloroethane	ug/kg	2500	3160	3230	126	129	70-141	2	20	
1,2-Dichloropropane	ug/kg	2500	2710	2710	108	108	70-130	0	20	
1,3-Dichlorobenzene	ug/kg	2500	2420	2510	97	100	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	2500	2360	2450	94	98	70-130	4	20	
Benzene	ug/kg	2500	2690	2730	108	109	70-130	2	20	
Bromodichloromethane	ug/kg	2500	2620	2720	105	109	70-130	4	20	
Bromoform	ug/kg	2500	2190	2330	87	93	70-130	6	20	
Bromomethane	ug/kg	2500	2640	1370	105	55	34-173	63	20	R1

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUMMIT
Pace Project No.: 40104597

LABORATORY CONTROL SAMPLE & LCSD: 1058963 1058964

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2670	2690	107	108	70-130	1	20	
Chlorobenzene	ug/kg	2500	2580	2600	103	104	70-130	1	20	
Chloroethane	ug/kg	2500	3280	1780	131	71	44-173	59	20	R1
Chloroform	ug/kg	2500	2870	2910	115	116	70-130	1	20	
Chloromethane	ug/kg	2500	1670	1600	67	64	43-130	4	20	
cis-1,2-Dichloroethene	ug/kg	2500	2340	2350	93	94	70-130	0	20	
cis-1,3-Dichloropropene	ug/kg	2500	2560	2580	102	103	70-130	1	20	
Dibromochloromethane	ug/kg	2500	2390	2360	96	94	70-130	2	20	
Dichlorodifluoromethane	ug/kg	2500	855	783	34	31	10-150	9	20	
Ethylbenzene	ug/kg	2500	2750	2730	110	109	70-130	0	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2600	2710	104	108	70-130	4	20	
m&p-Xylene	ug/kg	5000	5120	5210	102	104	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	2500	2660	2580	106	103	65-131	3	20	
Methylene Chloride	ug/kg	2500	2480	2600	99	104	64-143	5	20	
o-Xylene	ug/kg	2500	2520	2640	101	106	70-130	5	20	
Styrene	ug/kg	2500	2530	2670	101	107	70-130	6	20	
Tetrachloroethene	ug/kg	2500	2580	2380	103	95	70-130	8	20	
Toluene	ug/kg	2500	2750	2580	110	103	70-130	6	20	
trans-1,2-Dichloroethene	ug/kg	2500	2440	2480	98	99	70-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	2600	2480	104	99	70-130	5	20	
Trichloroethene	ug/kg	2500	2800	2770	112	111	70-130	1	20	
Trichlorofluoromethane	ug/kg	2500	837	1920	33	77	50-150	79	20	L0,R1
Vinyl chloride	ug/kg	2500	1810	1800	73	72	57-130	1	20	
4-Bromofluorobenzene (S)	%				103	110	39-139			
Dibromofluoromethane (S)	%				121	123	37-152			
Toluene-d8 (S)	%				112	103	38-154			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUMMIT
Pace Project No.: 40104597

QC Batch: MSV/26063
QC Batch Method: EPA 5035/5030B
Associated Lab Samples: 40104597006

Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List

METHOD BLANK: 1058978
Associated Lab Samples: 40104597006

Matrix: Solid

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/06/14 19:16	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/06/14 19:16	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/06/14 19:16	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/06/14 19:16	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/06/14 19:16	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/06/14 19:16	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/06/14 19:16	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/06/14 19:16	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/06/14 19:16	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/06/14 19:16	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/06/14 19:16	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/06/14 19:16	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/06/14 19:16	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/06/14 19:16	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/06/14 19:16	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/06/14 19:16	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/06/14 19:16	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/06/14 19:16	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/06/14 19:16	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/06/14 19:16	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/06/14 19:16	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/06/14 19:16	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/06/14 19:16	
Benzene	ug/kg	<9.2	20.0	10/06/14 19:16	
Bromobenzene	ug/kg	<20.6	50.0	10/06/14 19:16	
Bromochloromethane	ug/kg	<21.4	50.0	10/06/14 19:16	
Bromodichloromethane	ug/kg	<9.8	50.0	10/06/14 19:16	
Bromoform	ug/kg	<19.8	50.0	10/06/14 19:16	
Bromomethane	ug/kg	<69.9	250	10/06/14 19:16	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/06/14 19:16	
Chlorobenzene	ug/kg	<14.8	50.0	10/06/14 19:16	
Chloroethane	ug/kg	<67.0	250	10/06/14 19:16	
Chloroform	ug/kg	<46.4	250	10/06/14 19:16	
Chloromethane	ug/kg	<20.4	50.0	10/06/14 19:16	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/06/14 19:16	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/06/14 19:16	
Dibromochloromethane	ug/kg	<17.9	50.0	10/06/14 19:16	
Dibromomethane	ug/kg	<19.3	50.0	10/06/14 19:16	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/06/14 19:16	
Diisopropyl ether	ug/kg	<17.7	50.0	10/06/14 19:16	
Ethylbenzene	ug/kg	<12.4	50.0	10/06/14 19:16	

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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: SUMMIT
Pace Project No.: 40104597

METHOD BLANK: 1058978 Matrix: Solid
Associated Lab Samples: 40104597006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/06/14 19:16	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/06/14 19:16	
m&p-Xylene	ug/kg	<34.4	100	10/06/14 19:16	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/06/14 19:16	
Methylene Chloride	ug/kg	<16.2	50.0	10/06/14 19:16	
n-Butylbenzene	ug/kg	<10.5	50.0	10/06/14 19:16	
n-Propylbenzene	ug/kg	<11.6	50.0	10/06/14 19:16	
Naphthalene	ug/kg	<40.0	250	10/06/14 19:16	
o-Xylene	ug/kg	<14.0	50.0	10/06/14 19:16	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/06/14 19:16	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/06/14 19:16	
Styrene	ug/kg	<9.0	50.0	10/06/14 19:16	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/06/14 19:16	
Tetrachloroethene	ug/kg	<12.9	50.0	10/06/14 19:16	
Toluene	ug/kg	<11.2	50.0	10/06/14 19:16	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/06/14 19:16	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/06/14 19:16	
Trichloroethene	ug/kg	<23.6	50.0	10/06/14 19:16	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/06/14 19:16	
Vinyl chloride	ug/kg	<21.1	50.0	10/06/14 19:16	
4-Bromofluorobenzene (S)	%	107	39-139	10/06/14 19:16	
Dibromofluoromethane (S)	%	122	37-152	10/06/14 19:16	
Toluene-d8 (S)	%	107	38-154	10/06/14 19:16	

LABORATORY CONTROL SAMPLE & LCSD: 1058979 1058980

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	3060	2990	122	120	70-130	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2630	2530	105	101	70-130	4	20	
1,1,2-Trichloroethane	ug/kg	2500	2740	2590	110	104	70-130	6	20	
1,1-Dichloroethane	ug/kg	2500	2630	2540	105	102	70-130	3	20	
1,1-Dichloroethene	ug/kg	2500	2890	2830	115	113	70-130	2	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2480	2410	99	96	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2460	2430	98	97	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2880	2810	115	112	70-130	3	20	
1,2-Dichlorobenzene	ug/kg	2500	2540	2520	102	101	70-130	1	20	
1,2-Dichloroethane	ug/kg	2500	3460	3390	139	136	70-141	2	20	
1,2-Dichloropropane	ug/kg	2500	2880	2940	115	118	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	2500	2560	2500	102	100	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	2500	2470	2460	99	98	70-130	1	20	
Benzene	ug/kg	2500	3000	2890	120	116	70-130	4	20	
Bromodichloromethane	ug/kg	2500	2730	2770	109	111	70-130	1	20	
Bromoform	ug/kg	2500	2330	2330	93	93	70-130	0	20	
Bromomethane	ug/kg	2500	1910	2120	76	85	34-173	10	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUMMIT
Pace Project No.: 40104597

LABORATORY CONTROL SAMPLE & LCSD: 1058979 1058980

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2850	2860	114	114	70-130	0	20	
Chlorobenzene	ug/kg	2500	2680	2680	107	107	70-130	0	20	
Chloroethane	ug/kg	2500	2410	2420	97	97	44-173	0	20	
Chloroform	ug/kg	2500	3160	3110	127	124	70-130	2	20	
Chloromethane	ug/kg	2500	3340	3270	133	131	43-130	2	20	L0
cis-1,2-Dichloroethene	ug/kg	2500	2580	2520	103	101	70-130	2	20	
cis-1,3-Dichloropropene	ug/kg	2500	2630	2650	105	106	70-130	1	20	
Dibromochloromethane	ug/kg	2500	2390	2370	96	95	70-130	1	20	
Dichlorodifluoromethane	ug/kg	2500	3120	3020	125	121	10-150	3	20	
Ethylbenzene	ug/kg	2500	2890	2860	116	115	70-130	1	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2890	2810	116	112	70-130	3	20	
m&p-Xylene	ug/kg	5000	5500	5380	110	108	70-130	2	20	
Methyl-tert-butyl ether	ug/kg	2500	2850	2730	114	109	65-131	4	20	
Methylene Chloride	ug/kg	2500	2810	2840	113	114	64-143	1	20	
o-Xylene	ug/kg	2500	2770	2690	111	108	70-130	3	20	
Styrene	ug/kg	2500	2840	2760	113	110	70-130	3	20	
Tetrachloroethene	ug/kg	2500	2530	2480	101	99	70-130	2	20	
Toluene	ug/kg	2500	2730	2710	109	108	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2780	2770	111	111	70-130	0	20	
trans-1,3-Dichloropropene	ug/kg	2500	2540	2490	102	100	70-130	2	20	
Trichloroethene	ug/kg	2500	2980	2950	119	118	70-130	1	20	
Trichlorofluoromethane	ug/kg	2500	2500	2510	100	101	50-150	0	20	
Vinyl chloride	ug/kg	2500	3210	3180	128	127	57-130	1	20	
4-Bromofluorobenzene (S)	%				116	120	39-139			
Dibromofluoromethane (S)	%				129	131	37-152			
Toluene-d8 (S)	%				108	111	38-154			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: SUMMIT
Pace Project No.: 40104597

QC Batch: PMST/10391 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40104597001, 40104597002, 40104597003, 40104597004, 40104597005, 40104597006

SAMPLE DUPLICATE: 1057883

Parameter	Units	40104602001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.5	6.5	0	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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(920)469-2436

QUALIFIERS

Project: SUMMIT
Pace Project No.: 40104597

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/26061

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

Batch: MSV/26064

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

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) 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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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUMMIT
Pace Project No.: 40104597

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40104597001	GP-12, 8'	EPA 5035/5030B	MSV/26057	EPA 8260	MSV/26061
40104597002	GP-13, 8'	EPA 5035/5030B	MSV/26057	EPA 8260	MSV/26061
40104597003	GP-14, 4'	EPA 5035/5030B	MSV/26057	EPA 8260	MSV/26061
40104597004	GP-14, 8'	EPA 5035/5030B	MSV/26057	EPA 8260	MSV/26061
40104597005	GP-15, 4'	EPA 5035/5030B	MSV/26057	EPA 8260	MSV/26061
40104597006	GP-15, 7.5'	EPA 5035/5030B	MSV/26063	EPA 8260	MSV/26064
40104597001	GP-12, 8'	ASTM D2974-87	PMST/10391		
40104597002	GP-13, 8'	ASTM D2974-87	PMST/10391		
40104597003	GP-14, 4'	ASTM D2974-87	PMST/10391		
40104597004	GP-14, 8'	ASTM D2974-87	PMST/10391		
40104597005	GP-15, 4'	ASTM D2974-87	PMST/10391		
40104597006	GP-15, 7.5'	ASTM D2974-87	PMST/10391		

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

Page 1 of

40104597

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	Seymour Env
Branch/Location:	
Project Contact:	Robyn Seymour
Phone:	608 838-9120
Project Number:	
Project Name:	Summit
Project State:	Wisconsin
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:	2531 Oyreson Road McFarland, WI
Invoice To Contact:	Seymour
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	F	VOCs		1-40mlvF 1-4ozpA	
001	GP-12, 8'	9129	1000	S		X				
002	GP-13, 8'	9129	1045	S		X				
003	GP-14 4'	9129	1130	S		X				
004	GP-14, 8'	9129	1145	S		X				
005	GP-15, 4'	9129	1210	S		X				
006	GP-15, 7.5	9129	1220	S		X				

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Robyn Seymour	9012114		
Dunham	10-3-14 0810		10-3-14 0810

PACE Project No.
40104597

Receipt Temp = Rol °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

October 21, 2014

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

RE: Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on October 14, 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
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CERTIFICATIONS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40105182001	MW-3	Water	10/10/14 12:05	10/14/14 07:50
40105182002	MW-2	Water	10/10/14 12:30	10/14/14 07:50
40105182003	MW-1	Water	10/10/14 12:50	10/14/14 07:50

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SAMPLE ANALYTE COUNT

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40105182001	MW-3	EPA 8260	HNW	64	PASI-G
40105182002	MW-2	EPA 8260	HNW	64	PASI-G
40105182003	MW-1	EPA 8260	LAP	64	PASI-G

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PROJECT NARRATIVE

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Method: **EPA 8260**
Description: 8260 MSV
Client: SEYMOUR ENVIRONMENTAL SERVICES, INC.
Date: October 21, 2014

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

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
- MW-2 (Lab ID: 40105182002)

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

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

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

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

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

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

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

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

Additional Comments:

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

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ANALYTICAL RESULTS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Sample: MW-3 **Lab ID: 40105182001** Collected: 10/10/14 12:05 Received: 10/14/14 07:50 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		10/20/14 14:53	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		10/20/14 14:53	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		10/20/14 14:53	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		10/20/14 14:53	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		10/20/14 14:53	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		10/20/14 14:53	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		10/20/14 14:53	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		10/20/14 14:53	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		10/20/14 14:53	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		10/20/14 14:53	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		10/20/14 14:53	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		10/20/14 14:53	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		10/20/14 14:53	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		10/20/14 14:53	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		10/20/14 14:53	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		10/20/14 14:53	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		10/20/14 14:53	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		10/20/14 14:53	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		10/20/14 14:53	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		10/20/14 14:53	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		10/20/14 14:53	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		10/20/14 14:53	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		10/20/14 14:53	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		10/20/14 14:53	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		10/20/14 14:53	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		10/20/14 14:53	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		10/20/14 14:53	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		10/20/14 14:53	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Sample: MW-3 **Lab ID: 40105182001** Collected: 10/10/14 12:05 Received: 10/14/14 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		10/20/14 14:53	79-34-5	
Tetrachloroethene	**86.2**	ug/L	1.0	0.50	1		10/20/14 14:53	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		10/20/14 14:53	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		10/20/14 14:53	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		10/20/14 14:53	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		10/20/14 14:53	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		10/20/14 14:53	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/20/14 14:53	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		10/20/14 14:53	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 14:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	59-130		1		10/20/14 14:53	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		10/20/14 14:53	1868-53-7	HS
Toluene-d8 (S)	97	%	70-130		1		10/20/14 14:53	2037-26-5	

Sample: MW-2 **Lab ID: 40105182002** Collected: 10/10/14 12:30 Received: 10/14/14 07:50 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		10/20/14 15:15	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		10/20/14 15:15	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		10/20/14 15:15	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		10/20/14 15:15	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		10/20/14 15:15	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		10/20/14 15:15	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		10/20/14 15:15	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		10/20/14 15:15	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		10/20/14 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		10/20/14 15:15	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.16**	ug/L	1.0	0.16	1		10/20/14 15:15	106-93-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Sample: MW-2 **Lab ID: 40105182002** Collected: 10/10/14 12:30 Received: 10/14/14 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		10/20/14 15:15	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	106-46-7	
Dichlorodifluoromethane	**<0.20**	ug/L	1.0	0.20	1		10/20/14 15:15	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		10/20/14 15:15	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		10/20/14 15:15	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		10/20/14 15:15	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		10/20/14 15:15	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		10/20/14 15:15	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		10/20/14 15:15	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		10/20/14 15:15	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		10/20/14 15:15	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		10/20/14 15:15	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		10/20/14 15:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		10/20/14 15:15	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		10/20/14 15:15	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		10/20/14 15:15	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		10/20/14 15:15	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		10/20/14 15:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		10/20/14 15:15	79-34-5	
Tetrachloroethene	**27.1**	ug/L	1.0	0.50	1		10/20/14 15:15	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		10/20/14 15:15	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		10/20/14 15:15	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	71-55-6	
1,1,2-Trichloroethane	**<0.16**	ug/L	1.0	0.16	1		10/20/14 15:15	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		10/20/14 15:15	79-01-6	
Trichlorofluoromethane	**<0.17**	ug/L	1.0	0.17	1		10/20/14 15:15	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		10/20/14 15:15	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		10/20/14 15:15	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		10/20/14 15:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	59-130		1		10/20/14 15:15	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		10/20/14 15:15	1868-53-7	HS,pH
Toluene-d8 (S)	99	%	70-130		1		10/20/14 15:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Sample: MW-1 **Lab ID: 40105182003** Collected: 10/10/14 12:50 Received: 10/14/14 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	71-43-2	
Bromobenzene	**<11.5**	ug/L	50.0	11.5	50		10/21/14 08:29	108-86-1	
Bromochloromethane	**<17.0**	ug/L	50.0	17.0	50		10/21/14 08:29	74-97-5	
Bromodichloromethane	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	75-27-4	
Bromoform	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	75-25-2	
Bromomethane	**<122**	ug/L	250	122	50		10/21/14 08:29	74-83-9	
n-Butylbenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	104-51-8	
sec-Butylbenzene	**<109**	ug/L	250	109	50		10/21/14 08:29	135-98-8	
tert-Butylbenzene	**<9.0**	ug/L	50.0	9.0	50		10/21/14 08:29	98-06-6	
Carbon tetrachloride	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	56-23-5	
Chlorobenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	108-90-7	
Chloroethane	**<18.7**	ug/L	50.0	18.7	50		10/21/14 08:29	75-00-3	
Chloroform	**<125**	ug/L	250	125	50		10/21/14 08:29	67-66-3	
Chloromethane	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	74-87-3	
2-Chlorotoluene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	95-49-8	
4-Chlorotoluene	**<10.7**	ug/L	50.0	10.7	50		10/21/14 08:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<108**	ug/L	250	108	50		10/21/14 08:29	96-12-8	
Dibromochloromethane	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	124-48-1	
1,2-Dibromoethane (EDB)	**<8.2**	ug/L	50.0	8.2	50		10/21/14 08:29	106-93-4	
Dibromomethane	**<21.3**	ug/L	50.0	21.3	50		10/21/14 08:29	74-95-3	
1,2-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	95-50-1	
1,3-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	541-73-1	
1,4-Dichlorobenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	106-46-7	
Dichlorodifluoromethane	**<10.1**	ug/L	50.0	10.1	50		10/21/14 08:29	75-71-8	
1,1-Dichloroethane	**<12.1**	ug/L	50.0	12.1	50		10/21/14 08:29	75-34-3	
1,2-Dichloroethane	**<8.4**	ug/L	50.0	8.4	50		10/21/14 08:29	107-06-2	
1,1-Dichloroethene	**<20.5**	ug/L	50.0	20.5	50		10/21/14 08:29	75-35-4	
cis-1,2-Dichloroethene	**30.6J**	ug/L	50.0	12.8	50		10/21/14 08:29	156-59-2	
trans-1,2-Dichloroethene	**<12.8**	ug/L	50.0	12.8	50		10/21/14 08:29	156-60-5	
1,2-Dichloropropane	**<11.7**	ug/L	50.0	11.7	50		10/21/14 08:29	78-87-5	
1,3-Dichloropropane	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	142-28-9	
2,2-Dichloropropane	**<24.2**	ug/L	50.0	24.2	50		10/21/14 08:29	594-20-7	
1,1-Dichloropropene	**<22.1**	ug/L	50.0	22.1	50		10/21/14 08:29	563-58-6	
cis-1,3-Dichloropropene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	10061-01-5	
trans-1,3-Dichloropropene	**<11.5**	ug/L	50.0	11.5	50		10/21/14 08:29	10061-02-6	
Diisopropyl ether	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	108-20-3	
Ethylbenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	100-41-4	
Hexachloro-1,3-butadiene	**<105**	ug/L	250	105	50		10/21/14 08:29	87-68-3	
Isopropylbenzene (Cumene)	**<7.2**	ug/L	50.0	7.2	50		10/21/14 08:29	98-82-8	
p-Isopropyltoluene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	99-87-6	
Methylene Chloride	**<11.6**	ug/L	50.0	11.6	50		10/21/14 08:29	75-09-2	
Methyl-tert-butyl ether	**<8.7**	ug/L	50.0	8.7	50		10/21/14 08:29	1634-04-4	
Naphthalene	**<125**	ug/L	250	125	50		10/21/14 08:29	91-20-3	
n-Propylbenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	103-65-1	
Styrene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<9.0**	ug/L	50.0	9.0	50		10/21/14 08:29	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Sample: MW-1 **Lab ID: 40105182003** Collected: 10/10/14 12:50 Received: 10/14/14 07:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<12.5**	ug/L	50.0	12.5	50		10/21/14 08:29	79-34-5	
Tetrachloroethene	**4110**	ug/L	50.0	25.0	50		10/21/14 08:29	127-18-4	
Toluene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	108-88-3	
1,2,3-Trichlorobenzene	**<107**	ug/L	250	107	50		10/21/14 08:29	87-61-6	
1,2,4-Trichlorobenzene	**<110**	ug/L	250	110	50		10/21/14 08:29	120-82-1	
1,1,1-Trichloroethane	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	71-55-6	
1,1,2-Trichloroethane	**<7.8**	ug/L	50.0	7.8	50		10/21/14 08:29	79-00-5	
Trichloroethene	**40.8J**	ug/L	50.0	16.5	50		10/21/14 08:29	79-01-6	
Trichlorofluoromethane	**<8.6**	ug/L	50.0	8.6	50		10/21/14 08:29	75-69-4	
1,2,3-Trichloropropane	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	96-18-4	
1,2,4-Trimethylbenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	108-67-8	
Vinyl chloride	**<8.8**	ug/L	50.0	8.8	50		10/21/14 08:29	75-01-4	
m&p-Xylene	**<50.0**	ug/L	100	50.0	50		10/21/14 08:29	179601-23-1	
o-Xylene	**<25.0**	ug/L	50.0	25.0	50		10/21/14 08:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	59-130		50		10/21/14 08:29	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		50		10/21/14 08:29	1868-53-7	
Toluene-d8 (S)	98	%	70-130		50		10/21/14 08:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

QC Batch: MSV/26209 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40105182001, 40105182002, 40105182003

METHOD BLANK: 1065623 Matrix: Water
Associated Lab Samples: 40105182001, 40105182002, 40105182003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	10/20/14 07:22	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	10/20/14 07:22	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	10/20/14 07:22	
1,1,2-Trichloroethane	ug/L	<0.16	1.0	10/20/14 07:22	
1,1-Dichloroethane	ug/L	<0.24	1.0	10/20/14 07:22	
1,1-Dichloroethene	ug/L	<0.41	1.0	10/20/14 07:22	
1,1-Dichloropropene	ug/L	<0.44	1.0	10/20/14 07:22	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	10/20/14 07:22	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	10/20/14 07:22	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	10/20/14 07:22	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	10/20/14 07:22	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	10/20/14 07:22	
1,2-Dibromoethane (EDB)	ug/L	<0.16	1.0	10/20/14 07:22	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	10/20/14 07:22	
1,2-Dichloroethane	ug/L	<0.17	1.0	10/20/14 07:22	
1,2-Dichloropropane	ug/L	<0.23	1.0	10/20/14 07:22	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	10/20/14 07:22	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	10/20/14 07:22	
1,3-Dichloropropane	ug/L	<0.50	1.0	10/20/14 07:22	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	10/20/14 07:22	
2,2-Dichloropropane	ug/L	<0.48	1.0	10/20/14 07:22	
2-Chlorotoluene	ug/L	<0.50	1.0	10/20/14 07:22	
4-Chlorotoluene	ug/L	<0.21	1.0	10/20/14 07:22	
Benzene	ug/L	<0.50	1.0	10/20/14 07:22	
Bromobenzene	ug/L	<0.23	1.0	10/20/14 07:22	
Bromochloromethane	ug/L	<0.34	1.0	10/20/14 07:22	
Bromodichloromethane	ug/L	<0.50	1.0	10/20/14 07:22	
Bromoform	ug/L	<0.50	1.0	10/20/14 07:22	
Bromomethane	ug/L	<2.4	5.0	10/20/14 07:22	
Carbon tetrachloride	ug/L	<0.50	1.0	10/20/14 07:22	
Chlorobenzene	ug/L	<0.50	1.0	10/20/14 07:22	
Chloroethane	ug/L	<0.37	1.0	10/20/14 07:22	
Chloroform	ug/L	<2.5	5.0	10/20/14 07:22	
Chloromethane	ug/L	<0.50	1.0	10/20/14 07:22	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	10/20/14 07:22	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	10/20/14 07:22	
Dibromochloromethane	ug/L	<0.50	1.0	10/20/14 07:22	
Dibromomethane	ug/L	<0.43	1.0	10/20/14 07:22	
Dichlorodifluoromethane	ug/L	<0.20	1.0	10/20/14 07:22	
Diisopropyl ether	ug/L	<0.50	1.0	10/20/14 07:22	
Ethylbenzene	ug/L	<0.50	1.0	10/20/14 07:22	

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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QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

METHOD BLANK: 1065623 Matrix: Water
Associated Lab Samples: 40105182001, 40105182002, 40105182003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	10/20/14 07:22	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	10/20/14 07:22	
m&p-Xylene	ug/L	<1.0	2.0	10/20/14 07:22	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	10/20/14 07:22	
Methylene Chloride	ug/L	<0.23	1.0	10/20/14 07:22	
n-Butylbenzene	ug/L	<0.50	1.0	10/20/14 07:22	
n-Propylbenzene	ug/L	<0.50	1.0	10/20/14 07:22	
Naphthalene	ug/L	<2.5	5.0	10/20/14 07:22	
o-Xylene	ug/L	<0.50	1.0	10/20/14 07:22	
p-Isopropyltoluene	ug/L	<0.50	1.0	10/20/14 07:22	
sec-Butylbenzene	ug/L	<2.2	5.0	10/20/14 07:22	
Styrene	ug/L	<0.50	1.0	10/20/14 07:22	
tert-Butylbenzene	ug/L	<0.18	1.0	10/20/14 07:22	
Tetrachloroethene	ug/L	<0.50	1.0	10/20/14 07:22	
Toluene	ug/L	<0.50	1.0	10/20/14 07:22	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	10/20/14 07:22	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	10/20/14 07:22	
Trichloroethene	ug/L	<0.33	1.0	10/20/14 07:22	
Trichlorofluoromethane	ug/L	<0.17	1.0	10/20/14 07:22	
Vinyl chloride	ug/L	<0.18	1.0	10/20/14 07:22	
4-Bromofluorobenzene (S)	%	91	59-130	10/20/14 07:22	
Dibromofluoromethane (S)	%	100	70-130	10/20/14 07:22	
Toluene-d8 (S)	%	100	70-130	10/20/14 07:22	

LABORATORY CONTROL SAMPLE & LCSD: 1065624 1065625

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.4	55.1	109	110	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	45.1	44.0	90	88	70-130	3	20	
1,1,2-Trichloroethane	ug/L	50	49.8	48.6	100	97	70-130	3	20	
1,1-Dichloroethane	ug/L	50	49.9	50.3	100	101	70-130	1	20	
1,1-Dichloroethene	ug/L	50	49.0	49.5	98	99	70-132	1	20	
1,2,4-Trichlorobenzene	ug/L	50	49.0	50.6	98	101	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	46.9	45.7	94	91	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	50.3	101	101	70-130	0	20	
1,2-Dichlorobenzene	ug/L	50	49.5	48.6	99	97	70-130	2	20	
1,2-Dichloroethane	ug/L	50	48.7	49.0	97	98	70-130	1	20	
1,2-Dichloropropane	ug/L	50	52.5	51.1	105	102	70-130	3	20	
1,3-Dichlorobenzene	ug/L	50	49.4	48.4	99	97	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	47.5	47.4	95	95	70-130	0	20	
Benzene	ug/L	50	49.9	50.0	100	100	70-130	0	20	
Bromodichloromethane	ug/L	50	51.8	50.1	104	100	70-130	3	20	
Bromoform	ug/L	50	47.6	46.0	95	92	70-130	3	20	
Bromomethane	ug/L	50	32.5	34.5	65	69	34-157	6	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

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

QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

METHOD BLANK: 1065623 Matrix: Water
Associated Lab Samples: 40105182001, 40105182002, 40105182003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	10/20/14 07:22	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	10/20/14 07:22	
m&p-Xylene	ug/L	<1.0	2.0	10/20/14 07:22	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	10/20/14 07:22	
Methylene Chloride	ug/L	<0.23	1.0	10/20/14 07:22	
n-Butylbenzene	ug/L	<0.50	1.0	10/20/14 07:22	
n-Propylbenzene	ug/L	<0.50	1.0	10/20/14 07:22	
Naphthalene	ug/L	<2.5	5.0	10/20/14 07:22	
o-Xylene	ug/L	<0.50	1.0	10/20/14 07:22	
p-Isopropyltoluene	ug/L	<0.50	1.0	10/20/14 07:22	
sec-Butylbenzene	ug/L	<2.2	5.0	10/20/14 07:22	
Styrene	ug/L	<0.50	1.0	10/20/14 07:22	
tert-Butylbenzene	ug/L	<0.18	1.0	10/20/14 07:22	
Tetrachloroethene	ug/L	<0.50	1.0	10/20/14 07:22	
Toluene	ug/L	<0.50	1.0	10/20/14 07:22	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	10/20/14 07:22	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	10/20/14 07:22	
Trichloroethene	ug/L	<0.33	1.0	10/20/14 07:22	
Trichlorofluoromethane	ug/L	<0.17	1.0	10/20/14 07:22	
Vinyl chloride	ug/L	<0.18	1.0	10/20/14 07:22	
4-Bromofluorobenzene (S)	%	91	59-130	10/20/14 07:22	
Dibromofluoromethane (S)	%	100	70-130	10/20/14 07:22	
Toluene-d8 (S)	%	100	70-130	10/20/14 07:22	

LABORATORY CONTROL SAMPLE & LCSD: 1065624 1065625

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.4	55.1	109	110	70-130	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	45.1	44.0	90	88	70-130	3	20	
1,1,2-Trichloroethane	ug/L	50	49.8	48.6	100	97	70-130	3	20	
1,1-Dichloroethane	ug/L	50	49.9	50.3	100	101	70-130	1	20	
1,1-Dichloroethene	ug/L	50	49.0	49.5	98	99	70-132	1	20	
1,2,4-Trichlorobenzene	ug/L	50	49.0	50.6	98	101	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	46.9	45.7	94	91	50-150	3	20	
1,2-Dibromoethane (EDB)	ug/L	50	50.5	50.3	101	101	70-130	0	20	
1,2-Dichlorobenzene	ug/L	50	49.5	48.6	99	97	70-130	2	20	
1,2-Dichloroethane	ug/L	50	48.7	49.0	97	98	70-130	1	20	
1,2-Dichloropropane	ug/L	50	52.5	51.1	105	102	70-130	3	20	
1,3-Dichlorobenzene	ug/L	50	49.4	48.4	99	97	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	47.5	47.4	95	95	70-130	0	20	
Benzene	ug/L	50	49.9	50.0	100	100	70-130	0	20	
Bromodichloromethane	ug/L	50	51.8	50.1	104	100	70-130	3	20	
Bromoform	ug/L	50	47.6	46.0	95	92	70-130	3	20	
Bromomethane	ug/L	50	32.5	34.5	65	69	34-157	6	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

LABORATORY CONTROL SAMPLE & LCSD: 1065624 1065625

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/L	50	56.0	56.0	112	112	70-132	0	20	
Chlorobenzene	ug/L	50	50.4	50.1	101	100	70-130	1	20	
Chloroethane	ug/L	50	43.9	44.3	88	89	60-143	1	20	
Chloroform	ug/L	50	48.2	48.2	96	96	70-130	0	20	
Chloromethane	ug/L	50	36.4	37.5	73	75	43-148	3	20	
cis-1,2-Dichloroethene	ug/L	50	49.3	49.5	99	99	51-133	0	20	
cis-1,3-Dichloropropene	ug/L	50	47.7	46.1	95	92	70-130	3	20	
Dibromochloromethane	ug/L	50	52.2	51.1	104	102	70-130	2	20	
Dichlorodifluoromethane	ug/L	50	27.5	28.5	55	57	10-174	3	20	
Ethylbenzene	ug/L	50	55.4	54.4	111	109	70-130	2	20	
Isopropylbenzene (Cumene)	ug/L	50	51.6	50.5	103	101	70-136	2	20	
m&p-Xylene	ug/L	100	111	109	111	109	70-131	2	20	
Methyl-tert-butyl ether	ug/L	50	50.8	51.4	102	103	54-139	1	20	
Methylene Chloride	ug/L	50	48.0	48.1	96	96	70-130	0	20	
o-Xylene	ug/L	50	50.4	49.3	101	99	70-130	2	20	
Styrene	ug/L	50	50.4	49.2	101	98	70-130	2	20	
Tetrachloroethene	ug/L	50	52.4	50.7	105	101	70-130	3	20	
Toluene	ug/L	50	52.2	51.4	104	103	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	50	50.6	51.2	101	102	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	50	48.6	47.4	97	95	70-130	3	20	
Trichloroethene	ug/L	50	53.6	52.6	107	105	70-130	2	20	
Trichlorofluoromethane	ug/L	50	47.9	48.6	96	97	50-150	1	20	
Vinyl chloride	ug/L	50	42.6	43.2	85	86	59-157	1	20	
4-Bromofluorobenzene (S)	%				103	104	59-130			
Dibromofluoromethane (S)	%				99	99	70-130			
Toluene-d8 (S)	%				99	98	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065685 1065686

Parameter	Units	40105437001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	56.1	57.9	112	116	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	48.3	49.4	97	99	70-130	2	20	
1,1,2-Trichloroethane	ug/L	<0.16	50	50	48.7	49.3	97	99	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	50.9	53.2	102	106	70-130	4	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.1	53.3	104	107	70-138	2	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	51.1	51.8	101	103	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	52.4	53.1	105	106	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.16	50	50	51.1	52.0	102	104	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	49.6	51.3	99	103	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	47.2	48.5	94	97	70-130	3	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	51.6	53.2	103	106	70-130	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	50.9	52.8	102	106	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	48.5	50.1	97	100	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065685 1065686

Parameter	Units	40105437001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.50	50	50	50.8	52.3	101	104	70-130	3	20	
Bromodichloromethane	ug/L	<0.50	50	50	50.0	51.4	100	103	70-130	3	20	
Bromoform	ug/L	<0.50	50	50	46.5	47.1	93	94	70-130	1	20	
Bromomethane	ug/L	<2.4	50	50	40.0	38.8	80	78	34-159	3	20	
Carbon tetrachloride	ug/L	<0.50	50	50	56.8	59.4	114	119	70-132	4	20	
Chlorobenzene	ug/L	<0.50	50	50	51.5	52.9	103	106	70-130	3	20	
Chloroethane	ug/L	0.78J	50	50	46.5	49.3	91	97	60-143	6	20	
Chloroform	ug/L	<2.5	50	50	48.8	49.7	98	99	70-130	2	20	
Chloromethane	ug/L	<0.50	50	50	47.7	46.9	94	93	43-149	2	20	
cis-1,2-Dichloroethene	ug/L	1.0	50	50	50.8	52.9	100	104	48-137	4	33	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	45.8	47.7	92	95	70-130	4	20	
Dibromochloromethane	ug/L	<0.50	50	50	50.9	51.8	102	104	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.20	50	50	43.6	45.1	87	90	10-174	3	20	
Ethylbenzene	ug/L	<0.50	50	50	56.7	58.8	113	118	70-130	4	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	52.2	54.6	104	109	70-136	4	20	
m&p-Xylene	ug/L	<1.0	100	100	113	116	113	116	70-135	3	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	48.5	50.9	97	102	54-139	5	20	
Methylene Chloride	ug/L	<0.23	50	50	47.3	48.8	95	98	70-133	3	20	
o-Xylene	ug/L	<0.50	50	50	50.7	52.8	101	106	70-130	4	20	
Styrene	ug/L	<0.50	50	50	49.8	51.6	100	103	70-130	4	20	
Tetrachloroethene	ug/L	<0.50	50	50	54.1	55.7	108	111	70-130	3	20	
Toluene	ug/L	<0.50	50	50	54.6	56.1	109	112	70-130	3	20	
trans-1,2-Dichloroethene	ug/L	1.3	50	50	54.2	53.9	106	105	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	47.1	48.0	94	96	70-130	2	20	
Trichloroethene	ug/L	<0.33	50	50	53.6	56.1	107	112	70-130	5	20	
Trichlorofluoromethane	ug/L	<0.17	50	50	51.1	52.9	102	106	50-150	3	20	
Vinyl chloride	ug/L	0.29J	50	50	49.8	50.9	99	101	59-158	2	20	
4-Bromofluorobenzene (S)	%						103	102	59-130			
Dibromofluoromethane (S)	%						98	98	70-130			
Toluene-d8 (S)	%						102	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105182

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40105182001	**MW-3**	EPA 8260	MSV/26209		
40105182002	**MW-2**	EPA 8260	MSV/26209		
40105182003	**MW-1**	EPA 8260	MSV/26209		

(Please Print Clearly)

Company Name:	Seymour Environ.
Branch/Location:	McFarland
Project Contact:	Robyn Seymour
Phone:	608-838-9120
Project Number:	10714.00
Project Name:	Summit Credit Union
Project State:	WI
Sampled By (Print):	Mark R. Seymour
Sampled By (Sign):	Mark R Seymour
PO #:	
Regulatory Program:	

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MN: 612-607-1700 WI: 920-469-2436

40105182

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

Quote #:	
Mail To Contact:	Robyn Seymour
Mail To Company:	Seymour Environ.
Mail To Address:	2531 Dyreson Rd McFarland, WI 53558
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, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO) Y/N: B
PRESERVATION (CODE)* Pick Letter: N
Analyses Requested: VOCs

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-3	10/10/14	12:05	GW	X		3-40mlVB	
002	MW-2	|	12:30	GW	X		|	
003	MW-1	|	12:50	GW	X		↓	

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Mark R Seymour	10/13/14 pm		
Durham	10/14/14 0750	[illegible]	10/14/14 0750

PACE Project No. 40105182
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)

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

October 24, 2014

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

RE: Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

Dear Robyn Seymour:
Enclosed are the analytical results for sample(s) received by the laboratory on October 21, 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

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CERTIFICATIONS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

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: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40105613001	B-1 9"-16"	Solid	10/14/14 14:42	10/21/14 07:30

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SAMPLE ANALYTE COUNT

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40105613001	B-1 9"-16"	EPA 8260	SMT	64
		ASTM D2974-87	SDW	1

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ANALYTICAL RESULTS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

Sample: B-1 9"-16" **Lab ID: 40105613001** Collected: 10/14/14 14:42 Received: 10/21/14 07:30 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	10/22/14 08:30	10/22/14 20:24	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-27-4	W
Bromoform	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-25-2	W
Bromomethane	**<69.9**	ug/kg	250	69.9	1	10/22/14 08:30	10/22/14 20:24	74-83-9	W
n-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	108-90-7	W
Chloroethane	**<67.0**	ug/kg	250	67.0	1	10/22/14 08:30	10/22/14 20:24	75-00-3	W
Chloroform	**<46.4**	ug/kg	250	46.4	1	10/22/14 08:30	10/22/14 20:24	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	106-43-4	W
1,2-Dibromo-3-chloropropane	**<91.2**	ug/kg	250	91.2	1	10/22/14 08:30	10/22/14 20:24	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	74-95-3	W
1,2-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	594-20-7	L2,W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	100-41-4	W
Hexachloro-1,3-butadiene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	1634-04-4	W
Naphthalene	**<40.0**	ug/kg	250	40.0	1	10/22/14 08:30	10/22/14 20:24	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	100-42-5	W

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

Sample: B-1 9"-16" **Lab ID: 40105613001** Collected: 10/14/14 14:42 Received: 10/21/14 07:30 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	10/22/14 08:30	10/22/14 20:24	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	79-34-5	W
Tetrachloroethene	**1830**	ug/kg	64.0	26.7	1	10/22/14 08:30	10/22/14 20:24	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	87-61-6	W
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	250	47.6	1	10/22/14 08:30	10/22/14 20:24	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	10/22/14 08:30	10/22/14 20:24	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	10/22/14 08:30	10/22/14 20:24	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	98	%	37-152		1	10/22/14 08:30	10/22/14 20:24	1868-53-7	
Toluene-d8 (S)	99	%	38-154		1	10/22/14 08:30	10/22/14 20:24	2037-26-5	
4-Bromofluorobenzene (S)	97	%	39-139		1	10/22/14 08:30	10/22/14 20:24	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.3**	%	0.10	0.10	1		10/21/14 16:56		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

QC Batch: MSV/26260
QC Batch Method: EPA 5035/5030B
Associated Lab Samples: 40105613001

Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List

METHOD BLANK: 1068405
Associated Lab Samples: 40105613001

Matrix: Solid

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<13.7	50.0	10/22/14 19:39	
1,1,1-Trichloroethane	ug/kg	<14.4	50.0	10/22/14 19:39	
1,1,2,2-Tetrachloroethane	ug/kg	<17.5	50.0	10/22/14 19:39	
1,1,2-Trichloroethane	ug/kg	<20.2	50.0	10/22/14 19:39	
1,1-Dichloroethane	ug/kg	<17.6	50.0	10/22/14 19:39	
1,1-Dichloroethene	ug/kg	<17.6	50.0	10/22/14 19:39	
1,1-Dichloropropene	ug/kg	<14.0	50.0	10/22/14 19:39	
1,2,3-Trichlorobenzene	ug/kg	<17.0	50.0	10/22/14 19:39	
1,2,3-Trichloropropane	ug/kg	<22.3	50.0	10/22/14 19:39	
1,2,4-Trichlorobenzene	ug/kg	<47.6	250	10/22/14 19:39	
1,2,4-Trimethylbenzene	ug/kg	<12.2	50.0	10/22/14 19:39	
1,2-Dibromo-3-chloropropane	ug/kg	<91.2	250	10/22/14 19:39	
1,2-Dibromoethane (EDB)	ug/kg	<14.7	50.0	10/22/14 19:39	
1,2-Dichlorobenzene	ug/kg	<16.2	50.0	10/22/14 19:39	
1,2-Dichloroethane	ug/kg	<15.0	50.0	10/22/14 19:39	
1,2-Dichloropropane	ug/kg	<16.8	50.0	10/22/14 19:39	
1,3,5-Trimethylbenzene	ug/kg	<14.5	50.0	10/22/14 19:39	
1,3-Dichlorobenzene	ug/kg	<13.2	50.0	10/22/14 19:39	
1,3-Dichloropropane	ug/kg	<12.0	50.0	10/22/14 19:39	
1,4-Dichlorobenzene	ug/kg	<15.9	50.0	10/22/14 19:39	
2,2-Dichloropropane	ug/kg	<12.6	50.0	10/22/14 19:39	
2-Chlorotoluene	ug/kg	<15.8	50.0	10/22/14 19:39	
4-Chlorotoluene	ug/kg	<13.0	50.0	10/22/14 19:39	
Benzene	ug/kg	<9.2	20.0	10/22/14 19:39	
Bromobenzene	ug/kg	<20.6	50.0	10/22/14 19:39	
Bromochloromethane	ug/kg	<21.4	50.0	10/22/14 19:39	
Bromodichloromethane	ug/kg	<9.8	50.0	10/22/14 19:39	
Bromoform	ug/kg	<19.8	50.0	10/22/14 19:39	
Bromomethane	ug/kg	<69.9	250	10/22/14 19:39	
Carbon tetrachloride	ug/kg	<12.1	50.0	10/22/14 19:39	
Chlorobenzene	ug/kg	<14.8	50.0	10/22/14 19:39	
Chloroethane	ug/kg	<67.0	250	10/22/14 19:39	
Chloroform	ug/kg	<46.4	250	10/22/14 19:39	
Chloromethane	ug/kg	<20.4	50.0	10/22/14 19:39	
cis-1,2-Dichloroethene	ug/kg	<16.6	50.0	10/22/14 19:39	
cis-1,3-Dichloropropene	ug/kg	<16.6	50.0	10/22/14 19:39	
Dibromochloromethane	ug/kg	<17.9	50.0	10/22/14 19:39	
Dibromomethane	ug/kg	<19.3	50.0	10/22/14 19:39	
Dichlorodifluoromethane	ug/kg	<12.3	50.0	10/22/14 19:39	
Diisopropyl ether	ug/kg	<17.7	50.0	10/22/14 19:39	
Ethylbenzene	ug/kg	<12.4	50.0	10/22/14 19:39	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

METHOD BLANK: 1068405 Matrix: Solid
Associated Lab Samples: 40105613001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<24.5	50.0	10/22/14 19:39	
Isopropylbenzene (Cumene)	ug/kg	<12.6	50.0	10/22/14 19:39	
m&p-Xylene	ug/kg	<34.4	100	10/22/14 19:39	
Methyl-tert-butyl ether	ug/kg	<12.7	50.0	10/22/14 19:39	
Methylene Chloride	ug/kg	<16.2	50.0	10/22/14 19:39	
n-Butylbenzene	ug/kg	<10.5	50.0	10/22/14 19:39	
n-Propylbenzene	ug/kg	<11.6	50.0	10/22/14 19:39	
Naphthalene	ug/kg	<40.0	250	10/22/14 19:39	
o-Xylene	ug/kg	<14.0	50.0	10/22/14 19:39	
p-Isopropyltoluene	ug/kg	<12.0	50.0	10/22/14 19:39	
sec-Butylbenzene	ug/kg	<11.9	50.0	10/22/14 19:39	
Styrene	ug/kg	<9.0	50.0	10/22/14 19:39	
tert-Butylbenzene	ug/kg	<9.5	50.0	10/22/14 19:39	
Tetrachloroethene	ug/kg	<12.9	50.0	10/22/14 19:39	
Toluene	ug/kg	<11.2	50.0	10/22/14 19:39	
trans-1,2-Dichloroethene	ug/kg	<16.5	50.0	10/22/14 19:39	
trans-1,3-Dichloropropene	ug/kg	<14.4	50.0	10/22/14 19:39	
Trichloroethene	ug/kg	<23.6	50.0	10/22/14 19:39	
Trichlorofluoromethane	ug/kg	<24.7	50.0	10/22/14 19:39	
Vinyl chloride	ug/kg	<21.1	50.0	10/22/14 19:39	
4-Bromofluorobenzene (S)	%	105	39-139	10/22/14 19:39	
Dibromofluoromethane (S)	%	104	37-152	10/22/14 19:39	
Toluene-d8 (S)	%	108	38-154	10/22/14 19:39	

LABORATORY CONTROL SAMPLE & LCSD: 1068406 1068407

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	2500	2540	2490	102	100	70-130	2	20	
1,1,1-Trichloroethane	ug/kg	2500	2530	2550	101	102	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2130	2190	85	88	70-130	3	20	
1,1,2-Trichloroethane	ug/kg	2500	2480	2530	99	101	70-130	2	20	
1,1-Dichloroethane	ug/kg	2500	2260	2340	90	94	70-130	3	20	
1,1-Dichloroethene	ug/kg	2500	2330	2300	93	92	70-130	1	20	
1,1-Dichloropropene	ug/kg	2500	2580	2560	103	102	70-130	1	20	
1,2,3-Trichlorobenzene	ug/kg	2500	2450	2660	98	107	70-130	8	20	
1,2,3-Trichloropropane	ug/kg	2500	2510	2620	100	105	70-130	4	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2470	2560	99	102	70-130	3	20	
1,2,4-Trimethylbenzene	ug/kg	2500	2240	2190	90	88	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2020	2260	81	90	50-150	11	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2520	2560	101	102	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	2500	2370	2360	95	94	70-130	0	20	
1,2-Dichloroethane	ug/kg	2500	2900	2980	116	119	70-141	3	20	
1,2-Dichloropropane	ug/kg	2500	2790	2630	112	105	70-130	6	20	
1,3,5-Trimethylbenzene	ug/kg	2500	2460	2460	99	98	70-130	0	20	

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QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

LABORATORY CONTROL SAMPLE & LCSD:		1068406	1068407							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,3-Dichlorobenzene	ug/kg	2500	2450	2440	98	97	70-130	1	20	
1,3-Dichloropropane	ug/kg	2500	2790	2780	112	111	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	2500	2380	2360	95	94	70-130	1	20	
2,2-Dichloropropane	ug/kg	2500	1680	1700	67	68	70-130	1	20	L0
2-Chlorotoluene	ug/kg	2500	2350	2360	94	95	70-130	0	20	
4-Chlorotoluene	ug/kg	2500	2280	2270	91	91	70-130	1	20	
Benzene	ug/kg	2500	2200	2200	88	88	70-130	0	20	
Bromobenzene	ug/kg	2500	2350	2410	94	96	70-130	3	20	
Bromochloromethane	ug/kg	2500	2430	2460	97	99	70-130	1	20	
Bromodichloromethane	ug/kg	2500	2580	2580	103	103	70-130	0	20	
Bromoform	ug/kg	2500	2480	2630	99	105	70-130	6	20	
Bromomethane	ug/kg	2500	4030	4170	161	167	34-173	3	20	CC
Carbon tetrachloride	ug/kg	2500	2560	2520	102	101	70-130	1	20	
Chlorobenzene	ug/kg	2500	2470	2420	99	97	70-130	2	20	
Chloroethane	ug/kg	2500	3920	3960	157	159	44-173	1	20	CC
Chloroform	ug/kg	2500	2580	2620	103	105	70-130	2	20	
Chloromethane	ug/kg	2500	2580	2600	103	104	43-130	1	20	
cis-1,2-Dichloroethene	ug/kg	2500	2330	2400	93	96	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	2500	2330	2320	93	93	70-130	0	20	
Dibromochloromethane	ug/kg	2500	2330	2350	93	94	70-130	1	20	
Dibromomethane	ug/kg	2500	3000	2930	120	117	70-130	2	20	
Dichlorodifluoromethane	ug/kg	2500	3040	2860	122	114	10-150	6	20	
Diisopropyl ether	ug/kg	2500	2090	2150	84	86	70-130	3	20	
Ethylbenzene	ug/kg	2500	2640	2590	106	104	70-130	2	20	
Hexachloro-1,3-butadiene	ug/kg	2500	2370	2450	95	98	70-130	4	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2640	2620	106	105	70-130	1	20	
m&p-Xylene	ug/kg	5000	5130	5060	103	101	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2320	2480	93	99	65-131	6	20	
Methylene Chloride	ug/kg	2500	2210	2150	88	86	64-143	3	20	
n-Butylbenzene	ug/kg	2500	2480	2440	99	98	70-130	2	20	
n-Propylbenzene	ug/kg	2500	2310	2300	93	92	70-130	1	20	
Naphthalene	ug/kg	2500	2340	2500	94	100	70-130	7	20	
o-Xylene	ug/kg	2500	2650	2600	106	104	70-130	2	20	
p-Isopropyltoluene	ug/kg	2500	2300	2260	92	91	70-130	2	20	
sec-Butylbenzene	ug/kg	2500	2230	2260	89	91	70-130	1	20	
Styrene	ug/kg	2500	2660	2590	106	104	70-130	3	20	
tert-Butylbenzene	ug/kg	2500	2370	2410	95	96	70-130	2	20	
Tetrachloroethene	ug/kg	2500	2670	2580	107	103	70-130	3	20	
Toluene	ug/kg	2500	2500	2410	100	96	70-130	4	20	
trans-1,2-Dichloroethene	ug/kg	2500	2310	2270	92	91	70-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	2360	2370	94	95	70-130	0	20	
Trichloroethene	ug/kg	2500	2650	2590	106	104	70-130	2	20	
Trichlorofluoromethane	ug/kg	2500	3540	3240	142	130	50-150	9	20	
Vinyl chloride	ug/kg	2500	2580	2680	103	107	57-130	4	20	
4-Bromofluorobenzene (S)	%				112	111	39-139			
Dibromofluoromethane (S)	%				105	104	37-152			
Toluene-d8 (S)	%				101	100	38-154			

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(920)469-2436

QUALITY CONTROL DATA

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

QC Batch: PMST/10519 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40105613001

SAMPLE DUPLICATE: 1067831

Parameter	Units	40105611002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.2	8.2	1	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

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/26261

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

ANALYTE QUALIFIERS

CC	The continuing calibration for this compound is outside of method control limits. The result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 10714.00 SUMMIT CREDIT UNION
Pace Project No.: 40105613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40105613001	**B-1 9"-16"**	EPA 5035/5030B	MSV/26260	EPA 8260	MSV/26261
40105613001	**B-1 9"-16"**	ASTM D2974-87	PMST/10519		

Pace Analytical®
www.pacelabs.com

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

4010056013

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 Environ
Branch/Location:	McFarland
Project Contact:	Robyn Seymour
Phone:	608-838-9120
Project Number:	10714.00
Project Name:	Summit Credit Union
Project State:	WI
Sampled By (Print):	Mark R. Seymour
Sampled By (Sign):	Mark R. Seymour
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Robyn Seymour
Mail To Company:	Seymour Environ
Mail To Address:	2531 Dyreson Rd McFarland, WI 53558
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	F	VOCs			
001	B-1 9'-16"	10/14/14	14:42	S		X		1-40zpA	1-40mlVF	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:		Relinquished By:	Date/Time:	Received By:	Date/Time:	PACE Project No.
Transmit Prelim Rush Results by (complete what you want):		Mark R. Seymour	10/20/14 pm			4010056013
Email #1:		Relinquished By: Durham	Date/Time: 10/21/14 0730	Received By: Susan Kuffel	Date/Time: 10/21/14 0730	Receipt Temp = 0.1 °C
Email #2:		Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH OK / Adjusted
Telephone:		Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal Present / Not Present Intact / Not Intact
Fax:		Relinquished By:	Date/Time:	Received By:	Date/Time:	

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

Version 6.0 06/14/06

C019a(27Jun2006)

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: 165511001

Report To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558

Invoice To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558
Customer ID: 13810

Field #: SS-1
Project No: SUMMIT CR UNION-WAUN
Collection End: 10/27/2014 10:35:00 AM
Collection Start: 10/27/14 1004
Collected By: MDF/MRS
Date Received: 10/27/2014
Date Reported: 11/13/2014
Sample Reason:

ID#:
Sample Location:
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 11/10/14	Analysis Date	11/10/14				
Vinyl chloride		EPA TO-15	ND	ppbv	2600	8400
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	2600	8400
cis-1,2-Dichloroethene		EPA TO-15	ND	ppbv	2600	8400
Trichloroethene		EPA TO-15	ND	ppbv	2600	8400
Tetrachloroethene		EPA TO-15	120000	ppbv	2600	8400

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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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: 165511001

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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Environmental Health Division

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

WSLH Sample: 165511002

Report To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558

Invoice To:
SEYMOUR ENV SERVICES
2531 DYRESON RD
P.O. BOX 398
MCFARLAND, WI 53558
Customer ID: 13810

Field #: SS-2
Project No: SUMMIT CR UNION-WAUN
Collection End: 10/27/2014 10:51:00 AM
Collection Start: 10/27/14 1020
Collected By: MDF/MRS
Date Received: 10/27/2014
Date Reported: 11/13/2014
Sample Reason:

ID#:
Sample Location:
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 11/10/14	Analysis Date	11/10/14				
Vinyl chloride		EPA TO-15	ND	ppbv	260	840
trans-1,2-Dichloroethene		EPA TO-15	ND	ppbv	260	840
cis-1,2-Dichloroethene		EPA TO-15	ND	ppbv	260	840
Trichloroethene		EPA TO-15	ND	ppbv	260	840
Tetrachloroethene		EPA TO-15	8900	ppbv	260	840

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WSLH Sample: 165511002

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