

June 18, 2020

Wisconsin Department of Natural Resources

Attn: Carrie Stoltz

107 Sutliff Ave.

Rhinelander, WI 54501



Subject:

Site Update – Completion of Scope of Work
Former Volk Service
8062 Highways 45 & 32, Three Lakes, WI
WDNR BRRTS #03-44-555683

Dear Carrie:

The purpose of this correspondence is to provide an update of the actions completed for the previous PECFA scope of work approvals. These scopes included the installation of three (3) groundwater monitoring wells and three (3) piezometers along with the development and sampling of these wells, well abandonment for select wells on the Todd Stebbeds property and the collection of potable well water samples for three (3) sites. The site location of the Former Volk Service site shown on Figure 1. The detailed site map - expanded is displayed on figure B.1.b.2.

BACKGROUND AND SUMMARY OF FIELDWORK

The previous reports were prepared for this site include:

- Site Investigation Work Plan submitted on September 10, 2010
- Site Investigation Report submitted on March 14, 2011
- Remedial Action and Site Update Submitted on September 9, 2011
- Site Update report submitted on March 29, 2012
- Site Update – Completion of Scope of Work – submitted on August 20, 2013
- Site Update – Annual Monitoring Report submitted on October 8, 2014
- Closure Report Summary Report submitted on August 24, 2015

The site was denied case closure on December 21, 2016. Additional cost cap approvals along with emailed updates were also provided.

August 29, 2019 - REI was on site to oversee the installation of two (2) additional groundwater monitoring wells and one (1) piezometer further west of MW8 which after years from 2011 to 2018 of non-detections had multiple sample events with detections of benzene exceeding the Wisconsin Administrative Code (WAC) Chapter NR 140 Enforcement Standard (ES). Giles Engineering Associates arranged for utility locate prior to the installation and REI coordinated with the property owners for access as all wells were located down-gradient of the source property. All soil cuttings were transported by REI to the Lincoln County Landfill, Merrill, WI for disposal.



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September 12, 2019 – REI on site to develop and sample newly installed wells. Mobilization also included sampling entire well network and potable wells for Todd Stebbeds residence, Jason Stebbeds residence, and the potable well providing water for the Clearwater Lake Club lots developed with two (2) houses located on Old Camp Lake Road. Analytical results revealed detections in the newly installed monitoring well MW12 and the adjacent piezometer PZ2. REI corresponded with WDNR project manager and received authorization for installation of an additional monitoring well and two (2) additional piezometers drilled to greater depth. All purge water was transported by REI for disposal.

November 26, 2019 – REI on site with Giles Engineering Associates. Giles arranged for utility locate prior to the installation and REI coordinated with the property owners for access as all wells were located down-gradient of the source property. The well installation of MW13 was successful. However, the attempted installation of PZ3 to a depth of fifty (50) feet below land surface (bls) was not successful with excessive blowup of saturated sands into the augers which would not allow for the installation of the piezometer. This borehole was abandoned after multiple attempts. All soil cuttings were transported by REI to the Lincoln County Landfill, Merrill, WI for disposal. REI corresponded with the drillers and REI to use alternate methods for the installation of these piezometers and received approval, but waiting until snow was gone from the site to gain access as the areas to place the wells were not paved or easily access through winter conditions.

May 19 & 20, 2020 – REI on site with Giles Engineering Associates. Giles arranged for utility locate prior to the installation and REI coordinated with the property owners for access as all wells were located down-gradient of the source property. The installation of PZ4 and PZ5 to approximate depths of fifty (50) feet bls was successful.

June 4, 2020 – REI on site to develop newly installed piezometers, sample entire well network and potable wells for Todd Stebbeds residence, Jason Stebbeds residence, and the potable well providing water for the Clearwater Lake Club lots developed with two (2) houses located on Old Camp Lake Road. All purge water was transported by REI for disposal at the Wausau Wastewater Treatment Plant. Monitoring wells MW3, MW12, MW13 and PZ2 were abandoned after sampling at the request of the property owner. Copies of the well abandonment forms for these wells are included as an attachment.

Soil boring logs, well construction and well development forms are included as an attachment. All soil cuttings were transported by REI to the Lincoln County Landfill, Merrill, WI for disposal.

SOIL ANALYTICAL RESULTS

No soil sampling was completed as part of this work scope as all the wells installed were blind drilled by Giles Engineering Associates.

GROUNDWATER ANALYTICAL RESULTS

Groundwater sampling events were conducted on the following dates:

September 12, 2019 - REI on site to develop and sample newly installed wells. Mobilization also included sampling entire well network and potable wells for Todd Stebbeds residence, Jason Stebbeds residence, and the potable well providing water for the Clearwater Lake Club lots developed with two (2) houses located on Old Camp Lake Road. All wells were sampled for

laboratory analysis of PVOC + N. Analytical results revealed contamination at depth in the furthest downgradient piezometer PZ2 and furthest downgradient monitoring well MW12.

June 4, 2020 - REI mobilized to the site to collect groundwater samples from monitoring well network and potable wells for Jason Stebbeds, Todd Stebbeds and potable well providing water for the Clearwater Lake Club lots developed with two (2) houses located on Old Camp Lake Road. All wells were sampled for laboratory analysis of PVOC + N. Analytical results reveal that contamination is defined as no detections were realized in the downgradient monitoring wells MW11, MW12 and MW13. Additionally, installed piezometers of PZ4 and PZ5 also revealed no detections in the June 4, 2020 sample event. Analytical results are summarized on Tables A.1.g through A.1.W. Groundwater elevation data is presented in Table A.6.

MW1 – This well is up gradient and has never revealed any detections.

MW2 – This well is down gradient, and levels of detections have greatly fluctuated over the past ten (10) years. It appears there is a slug of contamination moving from the subject property as recent sample events has shown higher detections in the last two (2) years in comparison to samples collected in mid 2013 through 2015.

MW3 – This well is down and side gradient from the source and has historically been clean.

MW4 – This well is located near the southwest corner of the subject property. Some detections have been realized, but no detections exceeding WAC Chapter 140 groundwater standards.

MW5 – This well is located side gradient of the contamination on the source property. This well has seen detections of contamination with some exceeding the WAC Chapter 140 ES and PAL.

MW6 – This well is immediately down gradient of the former USTs and excavation. Analytical results have demonstrated a substantial decrease in levels of contamination in the last two (2) years in comparison to sample events completed from the beginning of the investigation through 2014.

MW7 – This well is side gradient from the source and has historically been clean.

MW8 – This well was the furthest down gradient well and did not reveal levels of contamination exceeding groundwater WAC Chapter 140 groundwater quality standards from 2011 until 2018. A sample event complete in June 2018 revealed detection of benzene in excess of the Enforcement Standard (ES) and caused the additional down gradient extent to be investigated. Benzene remains as the only compound detected exceeding the ES for Benzene in four (4) successive groundwater sample events.

MW9 – This well is across the street and down gradient form the source property. Detections have been realized, but none exceeding the WAC Chapter 140 or PAL.

MW10 – This well is down gradient and across the highway from the source property. This well has historically revealed detections exceeding the WAC Chapter NR140 ES and PAL. Recent sample events have revealed lower detection levels than most of the historical events.

MW11 – This well was installed in August 2019 and is located substantially down gradient of the source. It has been sampled twice since installation and has not revealed any detections in either event.

MW12 – This well was also installed in August 2019 and is located substantially down gradient of MW8. This well has been sampled twice and did reveal a detection of benzene exceeding the WAC Chapter 140 PAL in the initial sample event in September 2019. However, no detections were realized in the June 2020 sample event.

MW13 – This well was installed in November 2019 along with the attempted installation of PZ3. It is substantially down gradient to the southwest of MW8. This well was only sampled once in June 2020 and did not reveal any detections.

PZ1 – The piezometer was installed during the original mobilization for the installation of groundwater monitoring wells. This well is located adjacent to MW2. Traditionally, MW2 has revealed significant detections exceeding WAC Chapter NR140 ES for several compounds. PZ1 has traditionally been clean with a detection exceeding the ES for benzene in the initial sample event in January 2011 sample event only.

PZ2 – This piezometer was installed in August, 209 and was sampled in September 2019 and June 2020. Each event revealed exceedences of the ES for benzene and PAL exceedences for ethylbenzene, total xylenes, Total Trimethylbenzenes. This piezometer is substantially down gradient from the source. It is clear the contamination plume is diving once past piezometer PZ1.

PZ4 – This piezometer is over six hundred (600) feet down gradient from the source property. Placement of this well was limited by site development of houses, roads, underground utilities, and septic system for newly constructed homes. This well was installed in May 2020 and developed and sampled in June 2020. Analytical results revealed no detections.

PZ5 – The piezometer was installed approximately over five hundred (500) feet down gradient of the source property. Placement was limited due to the lack of access to the originally desired location. This well was installed in May 2020 and developed and sampled in June 2020. Analytical results revealed no detections.

The well network has defined the extent of groundwater contamination which has migrated since the beginning of the investigation. Laboratory analytical reports are included as an attachment.

Potable Wells

The subject property had a driven point well that was abandoned by REI. This well was never used since the beginning of the investigation. In 2017, the former Volk Service building was razed. A concrete slab remains in the location of the former station.

The Todd Stebbeds property (8035 Hwy 32/45) formerly had a driven point well which was abandoned when the drilled well was replaced. This well has been sampled eleven (11) times with the last eight (8) events since 2012 without any detections of petroleum contamination. The analytical results are summarized on Table A.1.b

The Jason Stebbeds property (8051 Hwy 32/45) formerly had a driven point well which was abandoned when the drilled well was replaced. This well has been sampled fourteen (14) times since 2011 with a few detections just after installation, but no detection in the last three (3) sample events. The analytical results are summarized on Table A.1.d.

West of the above properties is a property called owned by the Clearwater Lake Club. There are two (2) houses over six hundred (600) feet west/southwest of the Stebbeds residences. One (10) drilled well that services these two (2) houses. This well was sampled on September 12, 2019 and again on June 4, 2020. The first sample event revealed detections with qualifiers for estimated concentrations above the method detection limit and below the adjusted reporting limit. The June 4, 2020 event revealed no detections. The analytical results are summarized on Table A.1.f.

Letters were sent to each of the well owners with copies of laboratory analytical reports summarized historical analytical results.

CONCLUSIONS AND RECOMMENDATIONS

Groundwater for wells located on the source property continue to show decreasing trends. However, the groundwater contamination plume is large. Coarse grained sands and shallow depth to groundwater have allowed for contamination to migrate over five hundred (500) feet downgradient of the source property. Furthermore, the immediately downgradient piezometer (PZ1) has not revealed contamination since the initial sample event after installation. This well is installed immediately down gradient of the contamination source and screened from 20 – 25 feet bsl. Water table depth is approximately four (4) to six (6) feet bsl. However, contamination is clearly diving once past PZ1 as the two (2) sample events conducted from PZ2 reveal detections of benzene in excess of the ES and detections of other compounds in excess of the PAL. Ideal placement of additional piezometers could not be conducted due to the inability to obtain landowner access. However, the plume is large and expansive. Thus, the additional piezometers to greater depth were installed slightly north on the adjacent landowner property and did not reveal any detections. All potable wells sampled have not realized detections. This site investigation has seen the removal of the USTs, the completion of a soil excavation, the replacement of two (2) potable wells, the completion of the installation of geotextile in a small area of residual soil contamination exceeding direct contact levels, the installation of thirteen (13) monitoring wells and four (4) piezometers, the sampling of potable wells servicing five (5) separate properties and over ten years of groundwater sampling events. The well network has defined the extent of groundwater contamination which has migrated since the beginning of the investigation. Additional sampling could further confirm any trends, but due to the ending of the PECFA program, the purpose of this correspondence is to provide documentation of site conditions prior to the ending of the state program that has served as the funding mechanism for this work.

If you have any questions or comments, please contact our office at (715) 675-9784 or electronically at klassa@reiengineering.com.

Sincerely,
REI Engineering, Inc.



Kenneth J. Lassa, P.S.
Senior Consultant



Andrew R. Delforge, P.G.
Senior Hydrogeologist

cc: Patrick Volk, P.O. Box 772, Three Lakes, WI 54562

Attachments

Table A.1.(a – w) – Groundwater Analytical Results

Table A.6 – Water Level Elevations

Figure 1 – Site Vicinity Map

Figure B.1.b.2 – Detailed Site Map – Expanded

Attachment A – Disposal Documentation

Attachment B – Laboratory Analytical Results

Attachment C – Soil Boring Logs, Well Construction and Development Forms, Well Abandonment Forms

A.1.a. Groundwater Analytical Table - Cover to Cover Designs Potable Well
Former Volk Service Station
Three Lakes, WI

Sample Location →		8051 Hwy 32/45							
WI Unique Well # →		JB635							
Well →		Original Driven Point Well					Replacement well		
Date →		10/16/2008	10/21/2010	1/25/2011	6/30/2011	9/19/2011	11/16/2011*	12/28/2011	12/28/2011
Hot/Cold →		NA	NA	NA	NA	NA	Cold	Hot	
PARAMETER	ES	PAL						Cold Water	Hot Water
Detected VOC's (ug/L)									
Benzene	5	0.5	1,200	670	764	119	9.8	<0.47	<0.47
Ethylbenzene	700	140	510	334	432	72	7.3	<0.078	<0.078
Toluene	800	160	3,400	1,940	1,890	397	18.1	3.3	1.9
Total Xylenes	2,000	400	2,700	1,330	1,390	159.8	19.4	<0.27	<0.27
Total Trimethylbenzenes	480	96	401	310.6	579	25.7	5.51	<0.136	0.15 ^j
Methyl-tert-Butyl Ether	60	12	NA	<50	<50	<0.04	<0.048	<0.048	<0.048
Naphthalene	100	10	100	107	<100	23.8	2.8	<0.11	<0.11
Chloromethane	3	0.3	<0.15	<40	43.3	<0.021	0.38 ^j	<0.13	<0.13
1,2-Dibromoethane	0.05	0.005	7.8	NA	NA	0.23 ^j	<0.1	<0.10	<0.1
1,2-Dichloroethane	5	0.5	3.5	<30	<30	<0.044	<0.053	<0.053	<0.053
Isopropylbenzene	-	-	17	<20	<20	2.7	0.35 ^j	<0.11	<0.11
P-Isopropyltoluene	-	-	1.6	NA	NA	0.52	<0.09	<0.090	<0.090
sec-Butylbenzene	-	-	2.1	NA	NA	0.53	<0.082	<0.082	<0.082
N-Butylbenzene	-	-	8.9	NA	NA	0.66	<0.088	<0.088	<0.088
N-Propylbenzene	-	-	53	NA	NA	7	0.93	<0.069	<0.069
2-Butanone (MEK)	4,000	800	NA	NA	NA	5	NA	<0.53	<0.53
Acetone	9,000	1,800	NA	NA	NA	6.7 ^j	NA	<1.1	<1.1
Acrylonitrile	-	-	NA	NA	NA	10.5	NA	<5.0	<5.0
Methylene Chloride	5	0.5	<0.15	<40	<40	4.0 ^j	<0.44	<5.0	<5.0
Trichloroethene	5	0.5	<0.15	<40	<40	0.65	<0.11	<0.11	<0.11
Chloroform	6	0.6	<0.15	<20	<20	<0.086	<0.086	1.7	<0.086

Well sampled as Jason Stebbeds at 8051 Hwy 32/45

PAL = Preventive Action Limit

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NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

*November 16, 2011 sample event collected from replacement well being pumped by well driller prior to connection to residence plumbing

A.1.b. Groundwater Analytical Table - Todd Stebbeds Residence Potable Well
Former Volk Service Station
Three Lakes, WI

Sample Location →		8035 Hwy 32/45																	
WI Unique Well # →		JB634																	
		Date →	10/16/08	2/16/10	10/21/10	1/27/11	6/30/11	9/19/11	11/16/11*	12/12/11	3/12/12	6/19/12	6/10/13	10/16/13	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
PARAMETER	ES	PAL																	
Detected VOC's (ng/L)																			
Benzene	5	0.5	3.7	6.6	<0.2	0.26	1.9	16.6	<0.047	<0.047	<0.39	<0.39	<0.34	<0.34	<0.40	<0.40	<0.31	<0.25	<0.25
Ethylbenzene	700	140	0.24	3.0	<0.2	<0.034	3.2	<0.078	<0.078	<0.41	<0.41	<0.34	<0.34	<0.39	<0.39	<0.33	<0.22	<0.32	
Toluene	800	160	0	0.57	<0.4	<0.4	<0.045	2.1	2.6	4.3	0.61 ^j	<0.42	<0.34	<0.34	<0.39	<0.39	<0.49	<0.17	<0.27
Total Xylenes	2,000	400	0.85	8.3	<1.0	<1.0	0.3 ^j	8.4	<0.27	<0.15	<0.87	<0.87	<0.71	<0.71	<0.80	<0.80	<0.66	<0.73	<0.47
Total Trimethylbenzenes	480	96	1.07	5.3	<0.2	<0.2	0.24 ^j	5.07	<0.136	<0.086	<0.43	<0.43	<0.36	<0.36	<0.42	<0.42	<0.34	<1.71	<0.87
Methyl-tert-Butyl Ether	60	12	<0.15	<0.15	<0.5	<0.5	<0.04	<0.048	<0.048	<0.048	<0.38	<0.38	<0.37	<0.37	<0.48	<0.48	<0.32	<1.2	<1.2
Naphthalene	100	10	6.2	<i>12</i>	<1.0	<1.0	0.92 ^j	5.7	<0.11	<0.11	<0.40	<0.40	<0.37	<0.37	<0.42	<0.42	<0.51	<1.2	<1.2
1,2-Dichloroethane	5	0.5	<0.15	<0.15	<0.3	<0.3	<0.041	<0.10	<0.053	<0.053	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzene	-	-	NA	0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	-	-	2.1	3.7	<0.2	0.21	0.39 ^j	2.1	<0.11	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Hexane	600	120	NA	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Propylbenzene	-	-	NA	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	-	-	0.45	0.78	NA	NA	<0.078	0.34 ^j	<0.082	<0.082	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Butylbenzene	-	-	0.74	1.1	NA	NA	<0.072	<0.088	<0.088	<0.088	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Propylbenzene	-	-	1.2	3.4	NA	NA	<0.042	2	<0.069	<0.069	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	<0.15	<0.15	<0.2	<0.2	<0.086	<0.086	0.61	<0.086	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	-	-	<0.15	<0.15	<0.4	<0.4	<0.021	<0.13	0.34 ^j	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD = Exceeds Enforcement Standard

Italic = Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

*November 16, 2011 sample event collected from replacement well being pumped by well driller prior to connection to residence plumbing

A.l.c. Groundwater Analytical Table - Gary Stebbeds Residence Potable Well
Former Volk Service Station
Three Lakes, WI

Sample Location →			8061 Hwy 32/45					
WI Unique Well # →			JB637					
Date →			10/16/2008	1/25/2011	6/30/2011	9/19/2011	10/16/2013	4/1/2015
PARAMETER	ES	PAL						
Detected VOC's (ug/L)								
Benzene	5	0.5	NS	<0.20	<0.038	<0.47	<0.34	<0.40
Ethylbenzene	700	140	NS	<0.20	<0.034	<0.078	<0.34	<0.39
Toluene	800	160	NS	<0.40	<0.32 ^J	<0.065	<0.34	<0.39
Total Xylenes	2,000	400	NS	<1.00	<0.40 ^J	<0.27	<0.71	<0.80
Total Trimethylbenzenes	480	96	NS	<0.20	0.17 ^J	<0.086	<0.36	<0.42
Methylene Chloride	5	0.5	NS	<0.40	<0.44	<0.44	NA	NA
Methyl-tert-Butyl Ether	60	12	NS	<0.50	<0.04	<0.048	NA	NA
Naphthalene	100	10	NS	<1.00	0.26 ^J	<0.11	<0.37	<0.42

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD

= Exceeds Enforcement Standard

Italic

= Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.d. Groundwater Analytical Table - Jason Stebbeds Residence Potable Well
Former Volk Service Station
Three Lakes, WI

Sample Location →			8051 Hwy 32/45 JB636																			
WI Unique Well # →																						
Well →			Original Driven Point Well								Replacement Well											
Date →			10/16/08	1/25/11	6/30/11	9/19/11	11/16/11*	12/28/11	12/28/11	3/14/12	6/19/12	6/10/13	10/16/13	1/14/14	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20		
Hot/Cold →			NA	NA	NA	NA	NA	Cold	Hot	Cold	Cold	Cold	Cold	Cold	Cold	Cold	Cold	Cold	Cold	Cold	Cold	Cold
PARAMETER	ES	PAL																				
Detected VOC's (ug/L)																						
Benzene	5	0.5	<0.15	<0.2	<0.038	<0.047	<0.47	<0.047	<0.047	<0.39	<0.34	<0.34	<0.40	<0.40	<0.40	NA	<0.25	<0.25				
Ethylbenzene	700	140	<0.15	<0.2	<0.034	<0.078	<0.078	<0.078	<0.078	<0.41	<0.34	<0.34	<0.34	<0.39	<0.39	<0.39	NA	<0.22	<0.32			
Toluene	800	160	<0.15	<0.4	<0.045	<0.065	3.3	1.9	0.99	0.45 ^J	<0.42	<0.34	<0.34	<0.39	<0.39	<0.39	NA	1.6 ^J	<0.27			
Total Xylenes	2,000	400	<0.15	<1.0	<0.16	<0.27	<0.27	<0.27	<0.27	<0.87	<0.87	1.5	1.8	1.1	0.85 ^J	1.1	<0.8	NA	<0.73	<0.47		
Total Trimethylbenzenes	480	96	<0.15	<0.2	<0.094	<0.086	<0.136	<0.136	<0.136	<0.43	<0.43	<0.36	<0.36	<0.42	<0.42	<0.42	NA	<1.71	<0.87			
Methyl-tert-Butyl Ether	60	12	<0.15	<0.5	<0.04	<0.048	<0.048	<0.048	<0.048	<0.38	<0.38	<0.37	<0.37	<0.37	<0.48	<0.48	NA	<1.2	<1.2			
Naphthalene	100	10	<0.15	<1.0	<0.058	<0.11	<0.11	<0.11	<0.11	<0.40	<0.40	<0.37	<0.37	<0.42	<0.42	<0.42	NA	<1.2	<1.2			
Chloromethane	3	0.3	<0.15	<0.4	<0.021	0.37 ^J	<0.13	<0.13	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.05	0.005	<0.15	NA	NA	<0.1	<0.10	<0.10	<0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	<0.15	<0.3	<0.044	<0.053	<0.053	<0.053	<0.053	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	-	-	<0.15	<0.2	<0.051	<0.11	<0.11	<0.11	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P-Isopropyltoluene	-	-	<0.15	NA	<0.072	<0.090	<0.090	<0.090	<0.090	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	-	-	<0.15	NA	<0.078	<0.082	<0.082	<0.082	<0.082	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Butylbenzene	-	-	<0.15	NA	<0.072	<0.088	<0.088	<0.088	<0.088	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Propylbenzene	-	-	<0.15	NA	NA	<0.069	<0.069	<0.069	<0.069	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	0.6	<0.15	<20	<0.086	<0.086	1.7	<0.25 ^J	<0.18 ^J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD

Italic

= Exceeds Enforcement Standard

= Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

*November 16, 2011 sample event collected from replacement well being pumped by well driller prior to connection to residence plumbing

A.1.e. Groundwater Analytical Table - Warren Volk Property Potable Well
Former Volk Service Station
Three Lakes, WI

Sample Location →			8045 Hwy 32/45		
Date →			1/25/2011	6/30/2011	9/19/2011
PARAMETER	ES	PAL			
Detected VOC's (ug/L)					
Benzene	5	0.5	<0.20	NS	NS
Ethylbenzene	700	140	<0.20	NS	NS
Toluene	800	160	<0.40	NS	NS
Total Xylenes	2,000	400	<1.00	NS	NS
Total Trimethylbenzenes	480	96	<0.20	NS	NS
Methyl-tert-Butyl Ether	60	12	<0.50	NS	NS
Naphthalene	100	10	<1.00	NS	NS

PAL = Preventive Action Limit

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BOLD = Exceeds Enforcement Standard

Italic = Exceeds Preventative Action Limit

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.f. Groundwater Analytical Results - Clearwater Lake Club Potable Well
Former Volk Service Station
8052 OLD CAMP ROAD

Sample Location →		8052 Old Camp Road		
Date →		9/12/2019	6/4/2020	
PARAMETER	ES	PAL		
Detected VOC's (ug/L)				
Benzene	5	0.5	<0.25	<0.25
Ethylbenzene	700	140	0.29 ^J	<0.32
Toluene	800	160	2.8 ^J	<0.27
Total Xylenes	2,000	400	1.37 ^J	<0.87
Total Trimethylbenzenes	480	96	<1.71	<0.87
Methyl-tert-Butyl Ether	60	12	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

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NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

J= Estimated concentration above the adjusted method detection limit and below the adjusted rep

A.1.g. Groundwater Analytical Table - MW1
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW1															
Date →			10/21/10	1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	4/1/15	3/15/18	6/6/18	1/21/00	6/4/20
Parameter	ES	PAL																
VOC's (ug/L)																		
Benzene	5	0.5	<0.2	<0.31	<0.39	<0.39	<0.39	NS	<0.39	NS	<0.39	<0.34	<0.34	<0.40	<0.40	<0.31	<0.25	<0.25
Ethylbenzene	700	140	<0.2	<0.50	<0.41	<0.41	<0.41	NS	<0.41	NS	<0.41	<0.34	<0.34	<0.39	<0.39	<0.33	<0.22	<0.32
Toluene	800	160	<0.4	<0.37	<0.42	<0.42	<0.42	NS	<0.42	NS	<0.42	<0.34	<0.34	<0.39	<0.39	<0.49	<0.17	<0.27
Total Xylenes	2,000	400	<0.4	<0.77	<0.87	<0.87	<0.87	NS	<0.87	NS	<0.87	<0.71	<0.71	<0.80	<0.80	<0.32	<0.73	<0.47
Total Trimethylbenzenes	480	96	<0.2	<0.44	<0.43	<0.43	<0.43	NS	<0.43	NS	<0.43	<0.36	<0.36	<0.42	<0.42	<0.34	<1.71	<0.87
Methyl-tert-Butyl Ether	60	12	<0.5	<0.30	<0.38	<0.38	<0.38	NS	<0.38	NS	<0.38	<0.37	<0.37	<0.48	<0.48	<0.32	<1.2	<1.2
Naphthalene	100	10	<1.0	<2.00	<0.4	<0.4	<0.4	NS	<0.40	NS	<0.40	<0.37	<0.37	<0.42	<0.42	<0.51	<1.2	<1.2
1,2-Dichloroethane	5	0.5	<0.3	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAH's (ug/L)																		
1-Methyl Naphthalene	-	-	<0.08	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene	-	-	<0.11	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	-	-	<0.12	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	-	-	<0.12	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	3000	600	<0.09	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Anthracene	-	-	<0.1	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Pyrene	0.2	0.02	<0.02	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	<0.04	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i) Perylene	-	-	<0.06	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	-	-	<0.07	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.2	0.02	<0.03	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo (a,h) Anthracene	-	-	<0.11	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	<0.12	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	<0.12	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Ieno (1,2,3-cd) Pyrene	-	-	<0.12	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	<0.11	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	-	-	<0.11	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	<0.1	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA
Metals																		
Lead (Pb) (ug/L)	15	1.5	<0.6	NA	NA	NA	NA	NS	NA	NS	NA	NA	NA	NA	NA	NA	NA	NA

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Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.h. Groundwater Analytical Table - MW2
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW2																	
PARAMETER	ES	PAL	10/21/10	1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	1/13/14	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
Detected VOC's (ug/L)																				
Benzene	5	0.5	121	16.8	8.4	110	143	338	809	1,220	1,710	611	113	23.9	0.99^J	148	1,790	941	1,710	1,000
Ethylbenzene	700	140	329	257	284	373	423	818	1,340	1,340	1,360	1,090	523	483	26.2	710	1,340	891	1,900	783
Toluene	800	160	389	6.46	37.4	405	338	901	2,400	3,780	4,030	2,690	720	520	71.9	311	3,460	2,560	3,490	2,500
Total Xylenes	2,000	400	1,089	609.9	623.7	1,521	1,648	2,803	5,280	5,980	5,110	4,286	1,598	1,583	100	2,236	5,940	3,375	8,580	4,610
Total Trimethylbenzenes	480	96	827	1,350	1,284	817	849	873	1,360	1,490	1,191	1,822	994	992	31.2	975	1,922	1,609	3,437	1,739
Methyl-tert-Butyl Ether	60	12	<5.0	66.8	<i>12</i>	14.7	18.3	13.4	13.5	11.7	15.4	23	18.4	16	<0.48	8.7^J	<19.4	10^J	<12.5	<24.9
Naphthalene	100	10	95.6	126	159	91.6	86.5	127	224	247	245	251	143	132	4.4	153	310	258	506	218
1,2-Dichloroethane	5	0.5	<3.0	NA	NA	NA	NA	NA	NA											
4-Isopropyltoluene	-	-	10.3	NA	NA	NA	NA	NA	NA											
Isopropylbenzene	-	-	23.6	NA	NA	NA	NA	NA	NA											
sec-Butylbenzene	-	-	11.5	NA	NA	NA	NA	NA	NA											
tert-Butylbenzene	-	-	12.4	NA	NA	NA	NA	NA	NA											
Detected PAH's (ug/L)																				
1-Methyl Naphthalene	-	-	<0.082	NA	NA	NA	NA	NA	NA											
2-Methyl Naphthalene	-	-	33.6	NA	NA	NA	NA	NA	NA											
Acenaphthene	-	-	<0.124	NA	NA	NA	NA	NA	NA											
Acenaphthylene	-	-	<0.124	NA	NA	NA	NA	NA	NA											
Anthracene	3000	600	<0.093	NA	NA	NA	NA	NA	NA											
Benzo (a) Anthracene	-	-	<0.103	NA	NA	NA	NA	NA	NA											
Benzo (a) Pyrene	0.2	0.02	<0.021	NA	NA	NA	NA	NA	NA											
Benzo (b) Fluoranthene	0.2	0.02	<0.041	NA	NA	NA	NA	NA	NA											
Benzo (g,h,i) Perylene	-	-	<0.062	NA	NA	NA	NA	NA	NA											
Benzo (k) Fluoranthene	-	-	<0.072	NA	NA	NA	NA	NA	NA											
Chrysene	0.2	0.02	<0.031	NA	NA	NA	NA	NA	NA											
Dibenzo (a,h) Anthracene	-	-	<0.113	NA	NA	NA	NA	NA	NA											
Fluoranthene	400	80	<0.124	NA	NA	NA	NA	NA	NA											
Fluorene	400	80	<0.124	NA	NA	NA	NA	NA	NA											
Indeno (1,2,3-cd) Pyrene	-	-	<0.124	NA	NA	NA	NA	NA	NA											
Naphthalene	40	8	48.1	NA	NA	NA	NA	NA	NA											
Phenanthrene	-	-	<0.113	NA	NA	NA	NA	NA	NA											
Pyrene	250	50	<0.103	NA	NA	NA	NA	NA	NA											
Metals																				
Lead (Pb) (ug/L)	15	1.5	2.75	NA	NA	NA	NA	NA	NA											

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Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.i. Groundwater Analytical Table - MW3
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW3																	
			Date →	10/21/10	1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
PARAMETER	ES	PAL																		
Detected VOC's (ug/L)																				
Benzene	5	0.5	<0.2	<0.31	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.34	<0.34	<0.40	<0.40	<0.40	<0.31	<0.25	<0.25	
Ethylbenzene	700	140	<0.2	<0.50	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.34	<0.34	<0.39	<0.39	<0.39	<0.33	<0.22	<0.32	
Toluene	800	160	<0.4	<0.37	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.34	<0.34	<0.39	<0.39	<0.39	<0.49	<0.17	<0.27	
Total Xylenes	2,000	400	<0.4	<0.77	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.71	<0.71	<0.80	<0.80	<0.80	<0.32	<0.73	<0.47	
Total Trimethylbenzenes	480	96	<0.2	<0.44	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.36	<0.36	<0.42	<0.42	<0.42	<0.34	<1.71	<0.87	
Methyl-tert-Butyl Ether	60	12	<0.5	<0.30	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.37	<0.37	<0.48	<0.48	<0.48	<0.32	<1.2	<1.2	
Naphthalene	100	10	<1.0	<2.00	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.37	<0.37	<0.42	<0.42	<0.42	<0.51	<1.2	<1.2	
1,2-Dichloroethane	5	0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Detected PAH's (ug/L)																				
1-Methyl Naphthalene	-	-	<0.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methyl Naphthalene	-	-	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	-	-	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	-	-	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	3000	600	<0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Anthracene	-	-	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Pyrene	0.2	0.02	<0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (b) Fluoranthene	0.2	0.02	<0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (g,h,i) Perylene	-	-	<0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (k) Fluoranthene	-	-	<0.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	0.2	0.02	<0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo (a,h) Anthracene	-	-	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	400	80	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	400	80	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ideno (1,2,3-cd) Pyrene	-	-	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	40	8	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	-	-	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	250	50	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																				
Lead (Pb) (ug/L)	15	1.5	0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

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NS = Not Sampled

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.j. Groundwater Analytical Table - MW4
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW4															
PARAMETER	Date →		10/21/10	1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
	ES	PAL																
Detected VOC's (ug/L)																		
Benzene	5	0.5	<0.2	<i>1.57</i>	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.34	<0.40	<0.40	NS	<0.31	<0.25	<0.25
Ethylbenzene	700	140	<0.2	3.31	6	17.5	0.69 ^j	<0.41	0.42 ^j	2.0	1.8	<0.34	<0.39	0.85 ^j	NS	1.5	<0.22	<0.32
Toluene	800	160	<0.4	1.21	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.34	<0.39	<0.39	NS	<0.49	<0.17	<0.27
Total Xylenes	2,000	400	<0.4	18.24	18.03 ^j	79.6	1.7 ^j	<0.87	1.1 ^j	3.02	3.62	<0.71	<0.80	2.9	NS	3.18J	<0.73	<0.47
Total Trimethylbenzenes	480	96	<0.2	61.7	49.7	<i>180.2</i>	68.7	<0.43	7.5	15	17.4	1.15J	<0.42	6.2	NS	53	11.8	4.2 ^j
Methyl-tert-Butyl Ether	60	12	<0.5	1.88	0.52 ^j	1.3	1.0	<0.38	<0.38	<0.38	0.84 ^j	<0.37	<0.48	<0.48	NS	0.33J	<1.2	<1.2
Naphthalene	100	10	<1.0	3.92	2.9	<i>11.2</i>	3.0	<0.40	0.51 ^j	2.1	2.9	<0.37	<0.42	0.59 ^j	NS	1.0J	<1.2	<1.2
1,2-Dichloroethane	5	0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Detected PAH's (ug/L)																		
1-Methyl Naphthalene	-	-	<0.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
2-Methyl Naphthalene	-	-	<0.113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Acenaphthene	-	-	<0.124	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Acenaphthylene	-	-	<0.124	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Anthracene	3000	600	<0.093	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (a) Anthracene	-	-	<0.103	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (a) Pyrene	0.2	0.02	<0.021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	<0.041	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (g,h,i) Perylene	-	-	<0.062	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (k) Fluoranthene	-	-	<0.072	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Chrysene	0.2	0.02	<0.031	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Dibenzo (a,h) Anthracene	-	-	<0.113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Fluoranthene	400	80	<0.124	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Fluorene	400	80	<0.124	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Ideno (1,2,3-cd) Pyrene	-	-	<0.124	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Naphthalene	40	8	<0.113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Phenanthrene	-	-	<0.113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Pyrene	250	50	<0.103	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Metals																		
Lead (Pb) (ug/L)	15	1.5	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

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< = Concentration less than listed detection limit

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.k. Groundwater Analytical Table - MW5
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW5																		
			Date →	10/21/10	1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	1/14/14	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
PARAMETER	ES	PAL																			
Detected VOC's (ug/L)																					
Benzene	5	0.5	<20	<3.1	<3.9	<3.9	<1.9	<1.9	<1.9	<1.9	<0.97	<1.7	<6.7	2.7 ^J	<2.0	<2.0	<0.99	<3.1	<0.25	<0.99	
Ethylbenzene	700	140	640	104	564	478	481	142	345	277	186	181	807	822	227	165	81.9	325	4.3	216	
Toluene	800	160	<40	<3.7	21.9	11	12.1	2.9 ^J	146	4.2 ^J	3.5	6.4	9.6 ^J	13	5.0 ^J	2.1 ^J	<0.97	<4.9	<0.17	<1.1	
Total Xylenes	2,000	400	3,733	499.9	2,612	2,088	2,200	572.1	1,448.8	1,113.9	721.2	887	3,489	3,681	1,080	661.8	236.6	1,496.0	19.7	1,096.6	
Total Trimethylbenzenes	480	96	3,440	354.2	1,112	1,440	1,440	386.5	809	647	373.3	684	2,337	2,607	876	520	366.4	1,463	39.4	1,264	
Methyl-tert-Butyl Ether	60	12	<50	<3.0	<3.8	4.0 ^J	7.5	<1.9	<1.9	<1.9	1.8 ^J	4.4 ^J	8.8 ^J	13.9	<2.4	<2.4	<1.2	3.6 ^J	<1.2	<5.0	
Naphthalene	100	10	500	55.4	241	250	242	56.4	146	136	94.7	101	405	427	116	78.6	45.1	183	2.4 ^J	137	
1,2-Dichloroethane	5	0.5	<0.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	-	-	67.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	-	-	31.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Detected PAH's (ug/L)																					
1-Methyl Naphthalene	-	-	<0.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methyl Naphthalene	-	-	112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	-	-	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	-	-	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	3000	600	<0.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Anthracene	-	-	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Pyrene	0.2	0.02	<0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (b) Fluoranthene	0.2	0.02	<0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (g,h,i) Perylene	-	-	<0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (k) Fluoranthene	-	-	<0.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	0.2	0.02	<0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenz(a,h) Anthracene	-	-	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	400	80	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	400	80	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iddeno (1,2,3-cd) Pyrene	-	-	<0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	40	8	214	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	-	-	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	250	50	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																					
Lead (Pb) (ug/L)	15	1.5	4.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

PAL = Preventive Action Limit

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BOLD

= Exceeds Enforcement Standard

Italic

= Exceeds Preventative Action Limit

NA = Not Analyzed

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<= Concentration less than listed detection limit

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.I. Groundwater Analytical Table - MW6
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW6																		
			Date →	10/21/10	1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	1/14/14	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
PARAMETER	ES	PAL																			
Detected VOC's (ug/L)																					
Benzene	5	0.5	4,690	4,180	2,420	2,060	1,520	2,170	2,630	4,200	3,870	2,010	4,390	4,110	1,280	1,880	361	181	23.2^J	301	
Ethylbenzene	700	140	760	1,060	652	539	769	565	566	692	677	636	579	557	352	370	502	386	686	422	
Toluene	800	160	1,610	5,590	5,020	2,740	1,950	1,960	2,750	4,190	3,810	2,570	1,890	2,850	590	1,080	1,780	1,600	976	1,700	
Total Xylenes	2,000	400	9,100	10,430	7,300	5,680	8,220	6,740	6,140	6,600	6,570	6,140	5,390	4,950	3,470	4,110	6,280	3,970	13,440	6,780	
Total Trimethylbenzenes	480	96	5,130	4,620	3,049	3,182	3,722	3,681	3,833	3,779	3,655	3,334	3,227	3,396	1,746	3,165	2,965	2,473	2,383	2,441	
Methyl-tert-Butyl Ether	60	12	<50	177	<19.0	16.6^J	32.5^J	<19.0	<19	<19	23.8J	29.0 ^J	33.7	30.2	<9.7	13.8^J	<12.1	13.3J	<31.1	<12.5	
Naphthalene	100	10	451	594	234	243	319	251	252	339	292	279	294	250	168	207	278	177	258	219	
1,2-Dichloroethane	5	0.5	92.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	-	-	48.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	-	-	88.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	-	-	57.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Detected PAH's (ug/L)																					
1-Methyl Naphthalene	-	-	<0.084	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methyl Naphthalene	-	-	209	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	-	-	<0.126	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	-	-	<0.126	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	3000	600	<0.095	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Anthracene	-	-	<0.105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Pyrene	0.2	0.02	<0.021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (b) Fluoranthene	0.2	0.02	<0.042	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (g,h,i) Perylene	-	-	<0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (k) Fluoranthene	-	-	<0.074	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	0.2	0.02	<0.032	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo (a,h) Anthracene	-	-	<0.116	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	400	80	<0.126	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	400	80	<0.126	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno (1,2,3-cd) Pyrene	-	-	<0.126	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	40	8	266	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	-	-	<0.116	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	250	50	<0.105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																					
Lead (Pb) (ug/L)	15	1.5	54.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

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Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.m. Groundwater Analytical Table - MW7
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW7														
Date →			1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	4/1/14	3/15/18	6/6/18	9/12/19	6/4/20
PARAMETER	ES	PAL															
Detected VOC's (ug/L)																	
Benzene	5	0.5	<0.2	<0.39	<0.39	<0.39	NA	<0.39	NA	<0.39	<0.34	<0.34	<0.40	Frozen well	<0.31	<0.25	<0.25
Ethylbenzene	700	140	<0.2	<0.41	<0.41	<0.41	NA	<0.41	NA	<0.41	<0.34	<0.34	<0.39		<0.33	<0.22	<0.32
Toluene	800	160	<0.4	<0.42	<0.42	<0.42	NA	<0.42	NA	<0.42	<0.34	<0.34	<0.39		<0.49	<0.17	<0.27
Total Xylenes	2,000	400	<0.4	<0.87	<0.87	<0.87	NA	<0.87	NA	<0.87	<0.71	<0.71	<0.80		<0.66	<0.73	<0.47
Total Trimethylbenzenes	480	96	<0.2	<0.43	<0.43	<0.43	NA	<0.43	NA	<0.43	<0.36	<0.36	<0.42		<0.34	<1.71	<0.87
Methyl-tert-Butyl Ether	60	12	<0.5	<0.38	<0.38	<0.38	NA	<0.38	NA	<0.38	<0.37	<0.37	<0.48		<0.32	<1.2	<1.2
Naphthalene	100	10	<1.0	<0.40	<0.40	<0.40	NA	<0.40	NA	<0.40	<0.37	<0.37	<0.42		<0.51	<1.2	<1.2
1,2-Dichloroethane	5	0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
4-Isopropyltoluene	-	-	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Isopropylbenzene	-	-	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
sec-Butylbenzene	-	-	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Detected PAH's (ug/L)																	
1-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
2-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Acenaphthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Acenaphthylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Anthracene	3000	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (a) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (a) Pyrene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (g,h,i) Perylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Benzo (k) Fluoranthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Chrysene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Dibeno (a,h) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Fluoranthene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Fluorene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Indeno (1,2,3-cd) Pyrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Naphthalene	40	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Phenanthrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Pyrene	250	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA
Metals																	
Lead (Pb) (ug/L)	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA

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Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.n. Groundwater Analytical Table - MW8
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW8																	
Date →			1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	5/7/14	4/1/15	3/15/18	6/6/18	9/7/18	9/12/19	6/4/20	
PARAMETER	ES	PAL																		
Detected VOC's (ug/L)																				
Benzene	5	0.5	10.2	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.34	<0.34	<0.40	<0.40	<0.40	166	192	11.5	17	
Ethylbenzene	700	140	3.86	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.34	<0.34	<0.39	<0.39	<0.39	4.5	0.72 ^J	<0.22	<0.32	
Toluene	800	160	9.13	<0.42	<0.42	<0.42	<0.42	<0.42	13.2	<0.42	<0.34	<0.34	<0.39	<0.39	<0.39	3.2	2.4	<0.17	0.29 ^J	
Total Xylenes	2,000	400	8.48	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.71	<0.71	<0.80	<0.80	<0.80	153.1	0.86 ^J	<0.73	0.37 ^J	
Total Trimethylbenzenes	480	96	3.8	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.36	<0.36	<0.42	<0.42	<0.42	79.8	4.9	<1.71	1.0 ^J	
Methyl-tert-Butyl Ether	60	12	<0.5	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.37	<0.37	<0.48	<0.48	<0.48	0.46 ^J	0.56 ^J	<1.2	<1.2	
Naphthalene	100	10	<1.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.4	<0.4	<0.37	<0.37	<0.42	<0.42	<0.42	24.1	17.4	<1.2	4.9 ^J	
1,2-Dichloroethane	5	0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	-	-	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	-	-	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	-	-	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Detected PAH's (ug/L)																				
1-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	3000	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Pyrene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (b) Fluoranthene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (g,h,i) Perylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (k) Fluoranthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo (a,h) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ideno (1,2,3-cd) Pyrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	40	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	250	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																				
Lead (Pb) (ug/L)	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD = Exceeds Enforcement Standard

Italic = Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

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

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.o. Groundwater Analytical Table - MW9
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW9																
Date →			1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	1/13/14	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
PARAMETER	ES	PAL																	
Detected VOC's (ug/L)																			
Benzene	5	0.5	<0.2	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.34	<0.34	<0.34	<0.40	<0.40	<0.40	<0.31	<0.25	<0.25	
Ethylbenzene	700	140	4.49	43.8	90.6	31.7	<0.41	163	370	48.6	15.9	<0.34	<0.34	1.2	30.4	<0.39	1.8	2.4	27.4
Toluene	800	160	<0.4	1.7	6.7	1.3	<0.42	6.2	45.7	3.8	0.69 ^j	<0.34	<0.34	<0.39	2.2	<0.39	0.73 ^j	<0.17	5.1
Total Xylenes	2,000	400	0.76	17.2	52.7	6.1	<0.87	151.3	613	20.2	4	<0.71	<0.71	<0.80	3.3	<0.8	3.5 ^j	<0.73	68.6
Total Trimethylbenzenes	480	96	0.21	11.1	48	19.78	<0.43	94	401	9.5	4	<0.36	<0.36	<0.42	0.75 ^j	<0.42	5.2	3.23 ^j	55.5
Methyl-tert-Butyl Ether	60	12	<0.5	0.83 ^j	1.7	1.3	<0.38	1.5	3.2	0.95 ^j	0.58 ^j	<0.37	<0.37	<0.48	1.4	<0.48	<0.32	<1.2	<1.2
Naphthalene	100	10	<1.0	12.1	61.6	15.6	<0.4	69.2	162	19	3.1	<0.37	<0.37	<0.42	24.3	<0.42	3.1	<1.2	69.5
1,2-Dichloroethane	5	0.5	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	-	-	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	-	-	0.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	-	-	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzene	-	-	1.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's (ug/L)																			
1-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	3000	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Pyrene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i) Perylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibeno (a,h) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
Lead (Pb) (ug/L)	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
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J= Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.p. Groundwater Analytical Table - MW10
Former Volk Service Station
Three Lakes, WI

Sample Location →			MW10																	
Date →			1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	1/13/14	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20	
PARAMETER	ES	PAL																		
Detected VOC's (ug/L)																				
Benzene	5	0.5	149	626	3,610	1,900	234	526	1,590	962	319	190	265	35.6	1,490	1,240	611	6.5	84.1	
Ethylbenzene	700	140	42.8	377	2,340	1,120	130	437	938	621	145	58.7	130	10.5	998	1,980	843	13.3	208	
Toluene	800	160	304	1,690	20,500	6,330	635	2160	6,260	4,720	967	584	813	60.8	5,380	3,130	1,500	20.6	292	
Total Xylenes	2,000	400	173.2	1,393	10,300	4,780	446	1751	4,130	2,495	536	252.7	485	40.7	4,250	8,370	2,996	33.7	881	
Total Trimethylbenzenes	480	96	135	1,266	1,576	1,098	139.7	833	1,720	1,853	623	73.4	552	11	1,446	2,343	1,805	8.6	1,202	
Methyl-tert-Butyl Ether	60	12	<5.0	7.9 ^j	<47.6	15.7 ^j	2.1 ^j	<9.5	8.9 ^j	<9.5	10.2	<1.9	<3.7	<0.48	<19.4	<19.4	<6.4	<1.2	<6.2	
Naphthalene	100	10	14.3	113	458	227	27.2	121	245	214	55.7	11	58.8	1.5	254	537	321	2.6 ^j	95.5	
1,2-Dichloroethane	5	0.5	3.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Isopropyltoluene	-	-	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	-	-	6.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	-	-	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Detected PAH's (ug/L)																				
1-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	3000	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (a) Pyrene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (b) Fluoranthene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (g,h,i) Perylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo (k) Fluoranthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo (a,h) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ideno (1,2,3-cd) Pyrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	40	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	250	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																				
Lead (Pb) (ug/L)	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

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<= Concentration less than listed detection limit

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Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.q. Groundwater Analytical Table - MW11
Former Volk Service Station
Three Lakes, WI

Sample Location →		MW11	
Date →		9/12/19	6/4/20
PARAMETER	ES	PAL	
Detected VOC's (ug/L)			
Benzene	5	0.5	<0.25
Ethylbenzene	700	140	<0.22
Toluene	800	160	<0.17
Total Xylenes	2,000	400	<0.73
Total Trimethylbenzenes	480	96	<1.71
Methyl-tert-Butyl Ether	60	12	<1.2
Naphthalene	100	10	<1.2
1,2-Dichloroethane	5	0.5	NA
4-Isopropyltoluene	-	-	NA
Isopropylbenzene	-	-	NA
sec-Butylbenzene	-	-	NA
Detected PAH's (ug/L)			
1-Methyl Naphthalene	-	-	NA
2-Methyl Naphthalene	-	-	NA
Acenaphthene	-	-	NA
Acenaphthylene	-	-	NA
Anthracene	3000	600	NA
Benzo (a) Anthracene	-	-	NA
Benzo (a) Pyrene	0.2	0.02	NA
Benzo (b) Fluoranthene	0.2	0.02	NA
Benzo (g,h,i) Perylene	-	-	NA
Benzo (k) Fluoranthene	-	-	NA
Chrysene	0.2	0.02	NA
Dibenzo (a,h) Anthracene	-	-	NA
Fluoranthene	400	80	NA
Fluorene	400	80	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA
Naphthalene	40	8	NA
Phenanthrene	-	-	NA
Pyrene	250	50	NA
Metals			
Lead (Pb) (ug/L)	15	1.5	NA

PAL = Preventive Action Limit

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A.1.r. Groundwater Analytical Table - MW12
Former Volk Service Station
Three Lakes, WI

Sample Location →		MW12	
Date →		9/12/19	6/4/20
PARAMETER	ES	PAL	
Detected VOC's (ug/L)			
Benzene	5	0.5	2.9
Ethylbenzene	700	140	<0.22
Toluene	800	160	<0.17
Total Xylenes	2,000	400	<0.73
Total Trimethylbenzenes	480	96	<1.71
Methyl-tert-Butyl Ether	60	12	<1.2
Naphthalene	100	10	<1.2
1,2-Dichloroethane	5	0.5	NA
4-Isopropyltoluene	-	-	NA
Isopropylbenzene	-	-	NA
sec-Butylbenzene	-	-	NA
Detected PAH's (ug/L)			
1-Methyl Naphthalene	-	-	NA
2-Methyl Naphthalene	-	-	NA
Acenaphthene	-	-	NA
Acenaphthylene	-	-	NA
Anthracene	3000	600	NA
Benzo (a) Anthracene	-	-	NA
Benzo (a) Pyrene	0.2	0.02	NA
Benzo (b) Fluoranthene	0.2	0.02	NA
Benzo (g,h,i) Perylene	-	-	NA
Benzo (k) Fluoranthene	-	-	NA
Chrysene	0.2	0.02	NA
Dibenzo (a,h) Anthracene	-	-	NA
Fluoranthene	400	80	NA
Fluorene	400	80	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA
Naphthalene	40	8	NA
Phenanthrene	-	-	NA
Pyrene	250	50	NA
Metals			
Lead (Pb) (ug/L)	15	1.5	NA

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ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
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A.1.s. Groundwater Analytical Table - MW13
Former Volk Service Station
Three Lakes, WI

Sample Location →		MW13	
Date →		6/4/20	
PARAMETER	ES	PAL	
Detected VOC's (ug/L)			
Benzene	5	0.5	<0.25
Ethylbenzene	700	140	<0.32
Toluene	800	160	<0.27
Total Xylenes	2,000	400	<0.47
Total Trimethylbenzenes	480	96	<0.87
Methyl-tert-Butyl Ether	60	12	<1.2
Naphthalene	100	10	<1.2
1,2-Dichloroethane	5	0.5	NA
4-Isopropyltoluene	-	-	NA
Isopropylbenzene	-	-	NA
sec-Butylbenzene	-	-	NA
Detected PAH's (ug/L)			
1-Methyl Naphthalene	-	-	NA
2-Methyl Naphthalene	-	-	NA
Acenaphthene	-	-	NA
Acenaphthylene	-	-	NA
Anthracene	3000	600	NA
Benzo (a) Anthracene	-	-	NA
Benzo (a) Pyrene	0.2	0.02	NA
Benzo (b) Fluoranthene	0.2	0.02	NA
Benzo (g,h,i) Perylene	-	-	NA
Benzo (k) Fluoranthene	-	-	NA
Chrysene	0.2	0.02	NA
Dibenzo (a,h) Anthracene	-	-	NA
Fluoranthene	400	80	NA
Fluorene	400	80	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA
Naphthalene	40	8	NA
Phenanthrene	-	-	NA
Pyrene	250	50	NA
Metals			
Lead (Pb) (ug/L)	15	1.5	NA

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BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

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NS = Not Sampled

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and below the adjusted reporting limit

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.t. Groundwater Analytical Table - PZ1
Former Volk Service Station
Three Lakes, WI

Sample Location →			PZ1																
Date →			1/25/11	6/30/11	9/19/11	12/12/11	3/14/12	6/19/12	9/17/12	3/12/13	6/10/13	10/16/13	1/13/14	5/7/14	4/1/15	3/15/18	6/6/18	9/12/19	6/4/20
PARAMETER	ES	PAL																	
Detected VOC's (ug/L)																			
Benzene	5	0.5	26.6	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.34	<0.34	<0.34	<0.40	<0.40	<0.40	<0.31	<0.25	<0.25
Ethylbenzene	700	140	53.5	0.94 ^j	3.9	<0.41	1.4	1.2	<0.41	<0.41	0.88 ^j	1.8	<0.34	<0.39	<0.39	<0.39	<0.33	<0.22	<0.32
Toluene	800	160	126	<0.42	1.7	<0.42	<0.42	<0.42	<0.42	<0.42	<0.34	<0.34	<0.34	<0.39	<0.39	<0.39	<0.49	<0.17	<0.27
Total Xylenes	2,000	400	391	3.42 ^j	18.7	<0.87	3.4	3.0	1.1 ^j	<0.87	4.35 ^j	4.76 ^j	<0.71	<0.80	<0.80	<0.66	<0.73	<0.47	
Total Trimethylbenzenes	480	96	<i>109.4</i>	0.52 ^j	3.78	<0.43	0.91 ^j	0.99 ^j	0.44 ^j	<0.43	1.66	2.43 ^j	<0.36	<0.42	<0.42	<0.42	<0.34	<1.71	<0.87
Methyl-tert-Butyl Ether	60	12	<5.0	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.37	<0.37	<0.37	<0.48	<0.48	<0.48	<0.32	<1.2	<1.2
Naphthalene	100	10	<i>17</i>	<0.4	1.7	<0.4	0.62 ^j	0.56 ^j	<0.40	<0.40	0.39 ^j	0.72 ^j	<0.37	<0.42	<0.42	<0.42	<0.51	<1.2	<1.2
1,2-Dichlorethane	5	0.5	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	-	-	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	-	-	2.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	-	-	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected PAH's (ug/L)																			
1-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methyl Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	3000	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (a) Pyrene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (b) Fluoranthene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (g,h,i) Perylene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo (k) Fluoranthene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo (a,h) Anthracene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	250	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
Lead (Pb) (ug/L)	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

^j= Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.u. Groundwater Analytical Table - PZ2
Former Volk Service Station
Three Lakes, WI

Sample Location →		PZ2	
Date →		9/12/19	6/4/20
PARAMETER	ES	PAL	
Detected VOC's (ug/L)			
Benzene	5	0.5	616
Ethylbenzene	700	140	<i>389</i>
Toluene	800	160	<i>662</i>
Total Xylenes	2,000	400	<i>1,266</i>
Total Trimethylbenzenes	480	96	<i>281.6</i>
Methyl-tert-Butyl Ether	60	12	<1.2
Naphthalene	100	10	107
1,2-Dichloroethane	5	0.5	NA
4-Isopropyltoluene	-	-	NA
Isopropylbenzene	-	-	NA
sec-Butylbenzene	-	-	NA
Detected PAH's (ug/L)			
1-Methyl Naphthalene	-	-	NA
2-Methyl Naphthalene	-	-	NA
Acenaphthene	-	-	NA
Acenaphthylene	-	-	NA
Anthracene	3000	600	NA
Benzo (a) Anthracene	-	-	NA
Benzo (a) Pyrene	0.2	0.02	NA
Benzo (b) Fluoranthene	0.2	0.02	NA
Benzo (g,h,i) Perylene	-	-	NA
Benzo (k) Fluoranthene	-	-	NA
Chrysene	0.2	0.02	NA
Dibenzo (a,h) Anthracene	-	-	NA
Fluoranthene	400	80	NA
Fluorene	400	80	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA
Naphthalene	40	8	NA
Phenanthrene	-	-	NA
Pyrene	250	50	NA
Metals			
Lead (Pb) (ug/L)	15	1.5	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

A.1.v. Groundwater Analytical Table - PZ4
Former Volk Service Station
Three Lakes, WI

Sample Location →		PZ4	
Date →		6/4/20	
PARAMETER	ES	PAL	
Detected VOC's (ug/L)			
Benzene	5	0.5	<0.25
Ethylbenzene	700	140	<0.32
Toluene	800	160	<0.27
Total Xylenes	2,000	400	<0.47
Total Trimethylbenzenes	480	96	<0.87
Methyl-tert-Butyl Ether	60	12	<1.2
Naphthalene	100	10	<1.2
Detected PAH's (ug/L)			
1-Methyl Naphthalene	-	-	NA
2-Methyl Naphthalene	-	-	NA
Acenaphthene	-	-	NA
Acenaphthylene	-	-	NA
Anthracene	3000	600	NA
Benzo (a) Anthracene	-	-	NA
Benzo (a) Pyrene	0.2	0.02	NA
Benzo (b) Fluoranthene	0.2	0.02	NA
Benzo (g,h,i) Perylene	-	-	NA
Benzo (k) Fluoranthene	-	-	NA
Chrysene	0.2	0.02	NA
Dibenzo (a,h) Anthracene	-	-	NA
Fluoranthene	400	80	NA
Fluorene	400	80	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA
Napthalene	40	8	NA
Phenanthrene	-	-	NA
Pyrene	250	50	NA
Metals			
Lead (Pb) (ug/L)	15	1.5	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

J= Estimated concentration above adjusted method detection limit and below adjusted reporting limit
Post Excavation Samples - Soil Excavation Completed on June 13, 2011

A.1.w. Groundwater Analytical Table - PZ5
Former Volk Service Station
Three Lakes, WI

Sample Location →		PZ5	
Date →		6/4/20	
PARAMETER	ES	PAL	
Detected VOC's (ug/L)			
Benzene	5	0.5	<0.25
Ethylbenzene	700	140	<0.32
Toluene	800	160	<0.27
Total Xylenes	2,000	400	<0.87
Total Trimethylbenzenes	480	96	<0.87
Methyl-tert-Butyl Ether	60	12	<1.2
Naphthalene	100	10	<1.2
Detected PAH's (ug/L)			
1-Methyl Naphthalene	-	-	NA
2-Methyl Naphthalene	-	-	NA
Acenaphthene	-	-	NA
Acenaphthylene	-	-	NA
Anthracene	3000	600	NA
Benzo (a) Anthracene	-	-	NA
Benzo (a) Pyrene	0.2	0.02	NA
Benzo (b) Fluoranthene	0.2	0.02	NA
Benzo (g,h,i) Perylene	-	-	NA
Benzo (k) Fluoranthene	-	-	NA
Chrysene	0.2	0.02	NA
Dibenzo (a,h) Anthracene	-	-	NA
Fluoranthene	400	80	NA
Fluorene	400	80	NA
Ideno (1,2,3-cd) Pyrene	-	-	NA
Naphthalene	40	8	NA
Phenanthrene	-	-	NA
Pyrene	250	50	NA
Metals			
Lead (Pb) (ug/L)	15	1.5	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD = Exceeds Enforcement Standard

Italic = Exceeds Preventative Action Limit

NA = Not Analyzed

NS = Not Sampled

- = No Standard

< = Concentration less than listed detection limit

J= Estimated concentration above the adjusted method detection limit and below adjusted reporting limit
Post Excavation Samples - Soil Excavation Completed on June 13, 2011

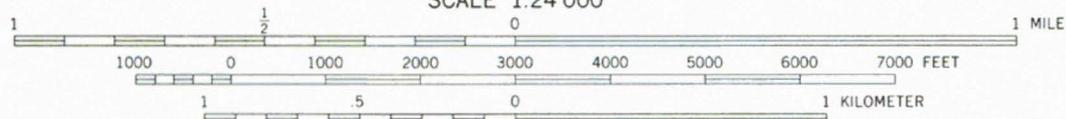
A.6. Water Level Elevations
Former Volk Service Station
Three Lakes, WI

Reference Elevation* (TOC)	1638.27	1638.47	1639.46	1639.00	1639.19	1639.15	1639.98	1635.38	1638.04	1638.37	1637.31	1636.34	1638.64	1636.13	1636.82	
Ground Elevation	1638.81	1639.06	1640.03	1639.50	1639.67	1639.62	1638.38	1635.83	1638.35	1638.78	1637.58	1636.60	1639.04	1636.40	1637.27	
Top of Well Screen Elevation	1636.03	1635.40	1637.28	1636.81	1637.05	1636.91	1636.96	1633.43	1635.50	1635.56	1632.81	1632.79	1620.11	1614.33	1591.44	
Length of Well Screen	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	5'	5'	5'	
Depth to Water (feet) below Reference Elevation																
Date	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11	MW12	PZ1	PZ2	PZ4	PZ5
10/21/2010	4.27	4.79	6.04	5.13	5.34	5.28	X	X	X	X	X	X	X	X	X	X
1/25/2011	5.23	5.73	6.99	6.11	6.31	6.23	6.13	3.04	5.34	5.59	X	X	6.18	X	X	X
6/30/2011	3.25	3.39	2.19	4.14	4.37	4.28	4.21	1.45	3.49	3.72	X	X	4.41	X	X	X
9/19/2011	3.25	6.14	7.43	6.57	6.75	6.69	6.57	3.55	5.78	6.02	X	X	6.68	X	X	X
12/12/2011	6.39	6.80	8.01	7.23	7.46	7.38	7.28	4.01	6.45	6.69	X	X	7.15	X	X	X
3/14/2012	6.21	6.19	7.47	6.70	6.95	6.82	6.78	3.04	5.71	6.09	X	X	6.63	X	X	X
6/19/2012	5.96	6.20	7.50	6.71	6.91	6.89	6.74	3.58	5.81	6.08	X	X	6.72	X	X	X
9/17/2012	6.63	6.99	8.25	7.49	7.64	7.59	7.44	4.27	6.63	6.88	X	X	7.40	X	X	X
3/12/2013	7.03	7.35	8.54	7.86	8.03	8.00	7.84	4.49	6.98	7.26	X	X	7.91	X	X	X
6/10/2013	4.12	4.68	5.97	5.03	5.22	5.14	5.04	2.16	4.30	4.55	X	X	5.17	X	X	X
10/16/2013	6.11	6.22	7.59	X	7.02	7.02	6.91	3.56	6.01	6.24	X	X	6.80	X	X	X
1/13/2014	X	6.67	X	X	7.30	7.23	X	X	6.28	6.55	X	X	7.05	X	X	X
5/7/2014	3.18	4.18	5.10	4.15	4.36	4.31	4.18	1.27	3.49	3.74	X	X	4.27	X	X	X
4/1/2015	4.63	5.14	6.44	5.52	5.77	5.69	5.61	2.45	4.86	5.01	X	X	5.66	X	X	X
3/15/2018	5.40	5.95	7.19	X	6.44	6.56	X	3.26	5.50	5.81	X	X	6.21	X	X	X
6/6/2018	3.58	4.26	5.57	4.49	4.67	4.63	4.55	1.85	3.90	4.10	X	X	4.75	X	X	X
9/7/2018	X	X	X	X	X	X	X	1.76	X	X	X	X	X	X	X	X
9/12/2019	4.97	5.41	5.70	5.81	5.07	4.94	5.86	2.73	5.10	5.30	5.37	4.80	5.93	4.55	X	X
6/4/2020	3.51	4.11	5.63	4.41	4.61	4.41	4.42	1.72	3.75	3.97	4.01	3.71	4.64	3.49	5.51	3.96
Water Level Elevation (feet MSL)																
Date	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11	MW12	PZ1	PZ2	PZ3	PZ4
10/21/2010	1634.00	1633.68	1633.42	1633.87	1633.85	1633.87	X	X	X	X	X	X	X	X	X	X
1/25/2011	1633.04	1632.74	1632.47	1632.89	1632.88	1632.92	1633.85	1632.34	1632.70	1632.78	X	X	1632.86	X	X	X
6/30/2011	1635.02	1635.08	1637.27	1634.86	1634.82	1634.87	1635.77	1633.93	1634.55	1634.65	X	X	-4.41	X	X	X
9/19/2011	1635.02	1632.33	1632.03	1632.43	1632.44	1632.46	1633.41	1631.83	1632.26	1632.35	X	X	-6.68	X	X	X
12/12/2011	1631.88	1631.47	1630.26	1631.04	1630.81	1630.89	1630.99	1634.26	1631.82	1631.58	X	X	1631.12	X	X	X
3/14/2012	1632.06	1632.28	1631.99	1632.30	1632.24	1632.33	1633.20	1632.34	1632.33	1632.28	X	X	1632.01	X	X	X
6/19/2012	1632.31	1632.27	1631.96	1632.29	1632.28	1632.26	1633.24	1631.80	1632.23	1632.29	X	X	1631.92	X	X	X
9/17/2012	1631.64	1631.48	1631.21	1631.51	1631.55	1631.56	1632.54	1631.11	1631.41	1631.49	X	X	1631.24	X	X	X
3/12/2013	1631.24	1631.12	1630.92	1631.14	1631.16	1631.15	1632.14	1630.89	1631.06	1631.11	X	X	1630.73	X	X	X
6/10/2013	1634.15	1633.79	1633.49	1633.97	1633.97	1634.01	1634.94	1633.22	1633.74	1633.82	X	X	1633.47	X	X	X
10/16/2013	1632.16	1632.25	1631.87	X	1632.17	1632.13	1633.07	1631.82	1632.03	1632.13	X	X	1631.84	X	X	X
1/13/2014	X	1631.80	X	X	1631.89	1631.92	X	X	1631.76	1631.82	X	X	1631.59	X	X	X
5/7/2014	1635.09	1634.29	1634.36	1634.85	1634.83	1634.84	1635.80	1634.11	1634.55	1634.63	X	X	1634.37	X	X	X
4/1/2015	1633.64	1633.33	1633.02	1633.98	1633.42	1633.46	1634.37	1632.93	1633.18	1633.36	X	X	1632.98	X	X	X
3/15/2018	1632.87	1632.52	1632.27	X	1632.75	1632.59	X	1632.12	1632.54	1632.56	X	X	1632.43	X	X	X
6/6/2018	1634.69	1634.21	1633.89	1634.51	1634.52	1634.52	1635.43	1633.53	1634.14	1634.27	X	X	1633.89	X	X	X
9/7/2018	X	X	X	X	X	X	X	1633.62	X	X	X	X	X	X	X	X
9/12/2019	1633.30	1633.06	1633.76	1633.19	1634.12	1634.21	1634.12	1632.65	1632.94	1633.07	1631.94	1631.54	1632.71	1631.58	X	X
6/4/2020	1634.76	1634.36	1633.83	1634.59	1634.58	1634.74	1635.56	1633.66	1634.29	1634.40	1633.30	1632.63	1634.00	1632.64	1631.31	

*Elevations are referenced to a U.S.G.S. Benchmark (feet above Mean Sea Level).

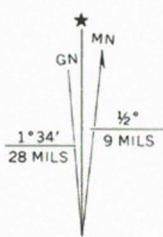


SCALE 1:24 000



1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929



UTM GRID AND 1970 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

THREE LAKES, WIS.

N4545—W8907.5/7.5

1970

PHOTOINSPECTED 1976
AMS 3175 I SW—SERIES V861

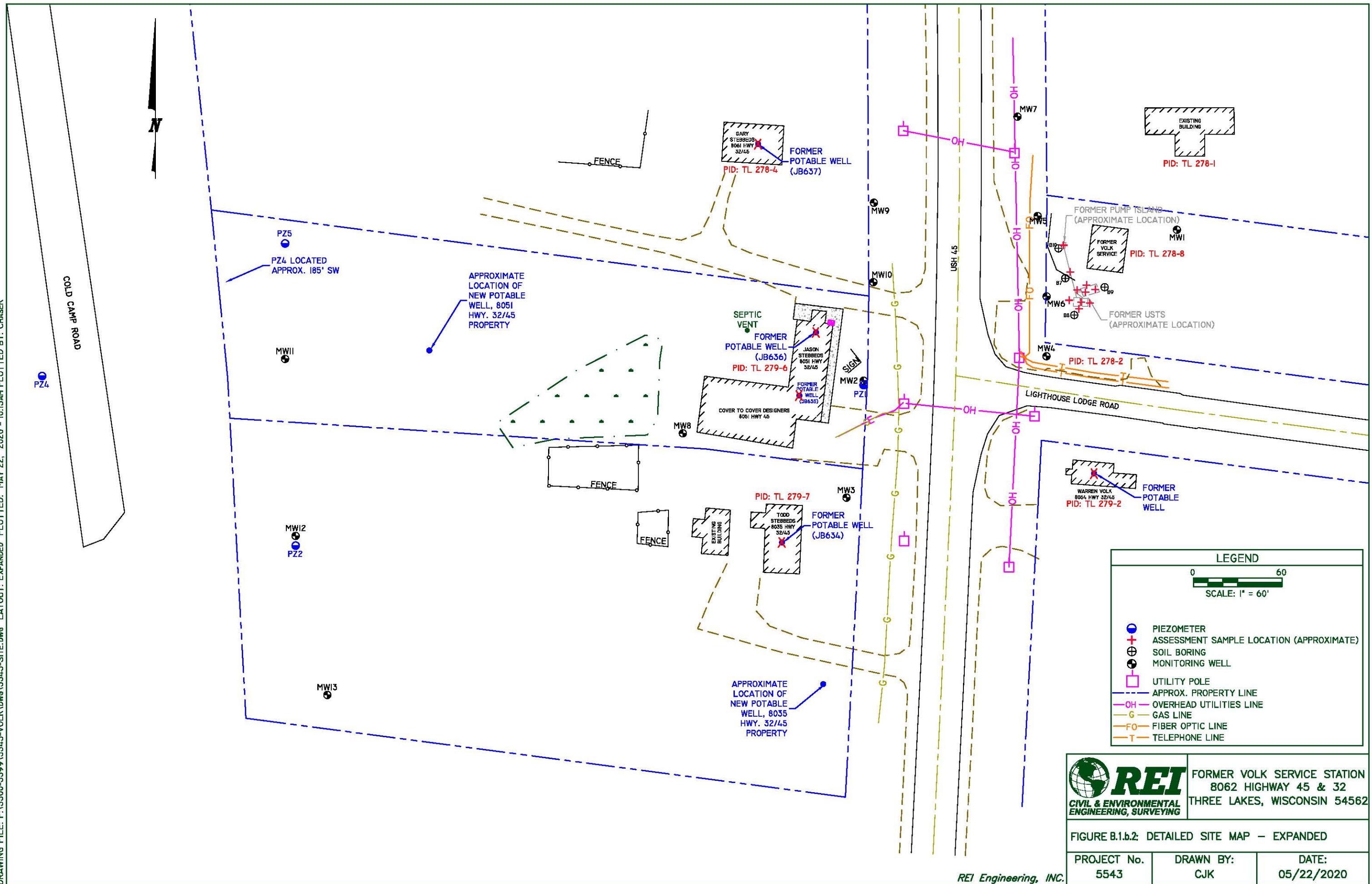


REI Engineering, INC.

FORMER VOLK SERVICE STATION
8062 HIGHWAY 45 & 32
THREE LAKES, WI 54562

FIGURE 1 : SITE VICINITY MAP

PROJECT NO.	5543	DRAWN BY:	NAP	DATE:
				08/25/10



FORMER VOLK SERVICE STATION
8062 HIGHWAY 45 & 32
THREE LAKES, WISCONSIN 54562

FIGURE B.1.b.2: DETAILED SITE MAP – EXPANDED

PROJECT No.	DRAWN BY:	DATE:
5543	CJK	05/22/2020

LINCOLN COUNTY LANDFILL 715-536-9636
Site: N4750 Landfill Lane, Merrill, WI 54452
Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452
OPERATING HOURS:
Monday-Friday
SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm
WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm
1st and 3rd Sat. 8:00 am - Noon

DATE: 5/26/2020
Time In: 12:02 PM

TICKET #: 281894 Vehicle #:
Time Out: 12:18 PM

BILL TO: R.E.I.
HAULER : R.E.I.

JOB : 20 - 16 B - Fmr Volk Service Station, Three Lakes
PO# : REI job #5543

\$27 ton exempt (CON52) 1.82 tn
Gross: 13800 Tare: 10160 Net Weight: 3640

Scale Notes:
5543-C-SOIL
JAKE

HAVE A NICE DAY!

Customer Signature _____
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling
law and the landfill bans. I also agree to pay 1.5% per month Late payment
charge after 30 days.
Reprinted Ticket Ticket Edited

Charge Transaction

DATE: 5/26/2020
Time In: 12:02 PM

TICKET #: 281894 Vehicle #:
Time Out: 12:18 PM

BILL TO: R.E.I.
HAULER : R.E.I.

JOB : -
PO# :
Garbage (GAR1) 1.82 tn
Gross: 13800 Tare: 10160 Net Weight: 3640

Scale Notes:
5543-C-SOIL
JAKE

Three Lakes
Bill + D REI

Charge Transaction
CLOSED FRIDAY, 7/3

Customer Signature _____
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling
law and the landfill bans. I also agree to pay 1.5% per month Late payment
charge after 30 days.

LINCOLN COUNTY LANDFILL 715-536-9636
Site: N4750 Landfill Lane, Merrill, WI 54452
Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452
OPERATING HOURS:
Monday-Friday
SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm
WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm
1st and 3rd Sat. 8:00 am - Noon

DATE: 11/21/2019
Time In: 02:39 PM

TICKET #: 273622 Vehicle #:
Time Out: 02:46 PM

BILL TO: R.E.I.
HAULER : R.E.I.

JOB : 19 - 62 B - Fmr Volk Service Station, Three Lakes
PO# : REI job #5543
\$27 ton exempt (CON52) 1.45 tn
Gross: 10900 Tare: 8000 Net Weight: 2900

Scale Notes: Charge Transaction

HAVE A NICE DAY!

Customer Signature _____
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

LINCOLN COUNTY LANDFILL 715-536-9636
Site: N4750 Landfill Lane, Merrill, WI 54452
Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452
OPERATING HOURS:
Monday-Friday
SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm
WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm
1st and 3rd Sat. 8:00 am - Noon

DATE: 11/21/2019
Time In: 01:13 PM

TICKET #: 273616 Vehicle #:
Time Out: 01:24 PM

BILL TO: R.E.I.
HAULER : R.E.I.

JOB : 19 - 62 B - Fmr Volk Service Station, Three Lakes
PO# : REI job #5543
\$27 ton exempt (CON52) 2.09 tn
Gross: 14040 Tare: 9860 Net Weight: 4180

Scale Notes:

Charge Transaction

HAVE A NICE DAY!

Customer Signature _____
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

LINCOLN COUNTY LANDFILL 715-536-9636

Site: N4750 Landfill Lane, Merrill, WI 54452

Mailing: 801 N Sales St, Ste 201, Merrill, WI 54452

OPERATING HOURS:

Monday-Friday

SUMMER (May 1 - Sept. 30) 7:00 am - 4:00 pm

WINTER (Oct. 1 - Apr. 30) 8:00 am - 4:00 pm

1st and 3rd Sat. 8:00 am - Noon

DATE: 6/8/2020
Time In: 03:37 PM

TICKET #: 282961 Vehicle #:
Time Out: 03:43 PM

BILL TO: R.E.I.
HAULER : R.E.I.

JOB : 20 - 16 B - Fmr Volk Service Station, Three Lakes
PO# : REI job #5543

\$27 ton exempt (CON52) 0.77 tn
Gross: 11640 Tare: 10100 Net Weight: 1540

Scale Notes:
DRUMS

Charge Transaction

CLOSED FRIDAY, 7/3

Customer Signature _____
Weighed By: Administrator

I certify that the waste in this vehicle complies with the Wisconsin Recycling law and the landfill bans. I also agree to pay 1.5% per month Late payment charge after 30 days.

BILL TOTAL:			\$	509.00	Date:	12/19/2019
JOB #	B.G.	PHASE	NAME	QTY:	%	TOTAL
1A	527		HOLIDAY WAKEFIELD	165 Gal	36%	\$ 182.58
1A	529		GENERAL STORE	75 Gal	16%	\$ 82.99
3956			FORMER BOISE	35 Gal	8%	\$ 38.73
1A	533		HOLIDAY WAUPACA	40 Gal	9%	\$ 44.26
6553			PETRO PANTRY	35 Gal	8%	\$ 38.73
1A	528		PHILLIPS	40 Gal	9%	\$ 44.26
5543A	1		THREELAKES	50 Gal	11%	\$ 55.33
5357	1		SCHLINGSOG DAIRY	20 Gal	4%	\$ 22.13
					0%	\$ -
					0%	\$ -
					0%	\$ -
					0%	\$ -
					0%	\$ -
				460 Gal	100%	\$ 509.00



W15278U

3240 W ELM RD
FRANKLIN, WI 53132
PHONE: 414.761.9421
FAX: 414.761.9542

The person signing this receipt certifies that he/she is the Generator/Customer or has authorization as agent for the Generator/Customer. All work has been satisfactorily completed, and agrees to pay all charges including reasonable attorney's fees and costs incurred in collection of charges due.

~~JW~~ Fletcher, Jake Jr.

CUSTOMER (PRINTED NAME)

John S.

 CUSTOMER AUTHORIZED SIGNATURE

WORK ORDER 32434 W

DATE	12/19/19	SHIFT #	12
P.O. #		START TIME	9:45 AM / 1:00 PM
CONTACT		END TIME	1:30 PM / 4:45 PM

DATE

PHONE

Mrs

PROJECT SUPERVISOR SIGNATURE

W32434

SHIPPER NO. UU6Z151

W 152780

CARRIER NO. _____

GFL Environmental services

DATE _____

CARRIER		SCAC	
TO CONSIGNEE	GFL 3240 W Elmst	FROM SHIPPER	R E I 4080 N 20th
STREET		STREET	
DESTINATION	Franklin	ORIGIN	Wauwatosa
ROUTE		STATE ZIP	STATE ZIP
			U.S. DOT Hazmat Reg. No.

Number and Type of Packages	Description of Articles	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1	11 unleadled with water on 1203	460		

Remit COD to:

Address:

ity:

State: Zip:

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consigner, the consigner shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consigner)

COD AMT:

\$

TOTAL CHARGES:

\$

COD FEE:

Prepaid Collect \$

FREIGHT CHARGES:

 Prepaid Collect

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the reed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ Per

CEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to him, on request; and all applicable state and federal regulations; the Property described above, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated in which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his agents.

TE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

It is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and

in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: Fletcher, Jackie K

CARRIER: Warren Blumeos

R: PER: EMERGENCY RESPONSE
PHONE NUMBER:NAME OR CONTRACT NUMBER
OR OTHER UNIQUE IDENTIFIER:

September 19, 2019

Ryan Resch
REI
4080 North 20th Ave
Wausau, WI 54401

RE: Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Dear Ryan Resch:

Enclosed are the analytical results for sample(s) received by the laboratory on September 14, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40195158001	MW-1	Water	09/12/19 16:00	09/14/19 10:50
40195158002	MW-2	Water	09/12/19 13:50	09/14/19 10:50
40195158003	MW-3	Water	09/12/19 13:30	09/14/19 10:50
40195158004	MW-4	Water	09/12/19 14:40	09/14/19 10:50
40195158005	MW-5	Water	09/12/19 15:05	09/14/19 10:50
40195158006	MW-6	Water	09/12/19 14:55	09/14/19 10:50
40195158007	MW-7	Water	09/12/19 15:40	09/14/19 10:50
40195158008	MW-8	Water	09/12/19 13:15	09/14/19 10:50
40195158009	MW-9	Water	09/12/19 14:25	09/14/19 10:50
40195158010	MW-10	Water	09/12/19 14:15	09/14/19 10:50
40195158011	MW-11	Water	09/12/19 13:00	09/14/19 10:50
40195158012	MW-12	Water	09/12/19 12:45	09/14/19 10:50
40195158013	PZ-1	Water	09/12/19 13:45	09/14/19 10:50
40195158014	PZ-2	Water	09/12/19 12:30	09/14/19 10:50
40195158015	TODD STEBBEDS	Water	09/12/19 13:20	09/14/19 10:50
40195158016	JASON STEBBEDS	Water	09/12/19 16:15	09/14/19 10:50
40195158017	LAKE CLUB	Water	09/12/19 16:30	09/14/19 10:50

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SAMPLE ANALYTE COUNT

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40195158001	MW-1	EPA 8260	LAP	12	PASI-G
40195158002	MW-2	EPA 8260	LAP	12	PASI-G
40195158003	MW-3	EPA 8260	LAP	12	PASI-G
40195158004	MW-4	EPA 8260	LAP	12	PASI-G
40195158005	MW-5	EPA 8260	HNW	12	PASI-G
40195158006	MW-6	EPA 8260	HNW	12	PASI-G
40195158007	MW-7	EPA 8260	HNW	12	PASI-G
40195158008	MW-8	EPA 8260	HNW	12	PASI-G
40195158009	MW-9	EPA 8260	HNW	12	PASI-G
40195158010	MW-10	EPA 8260	LAP	12	PASI-G
40195158011	MW-11	EPA 8260	LAP	12	PASI-G
40195158012	MW-12	EPA 8260	LAP	12	PASI-G
40195158013	PZ-1	EPA 8260	LAP	12	PASI-G
40195158014	PZ-2	EPA 8260	LAP	12	PASI-G
40195158015	TODD STEBBEDS	EPA 8260	LAP	12	PASI-G
40195158016	JASON STEBBEDS	EPA 8260	LAP	12	PASI-G
40195158017	LAKE CLUB	EPA 8260	LAP	12	PASI-G

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: MW-1	Lab ID: 40195158001	Collected: 09/12/19 16:00	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/18/19 10:50	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/18/19 10:50	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/18/19 10:50	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/18/19 10:50	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/18/19 10:50	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/18/19 10:50	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/18/19 10:50	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/18/19 10:50	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/18/19 10:50	95-47-6	
Surrogates									
Dibromofluoromethane (S)	103	%	70-130		1		09/18/19 10:50	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		09/18/19 10:50	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130		1		09/18/19 10:50	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: MW-2	Lab ID: 40195158002	Collected: 09/12/19 13:50	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	1710	ug/L	10.0	2.5	10		09/18/19 10:03	71-43-2	
Ethylbenzene	1900	ug/L	10.0	2.2	10		09/18/19 10:03	100-41-4	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		09/18/19 10:03	1634-04-4	
Naphthalene	506	ug/L	50.0	11.8	10		09/18/19 10:03	91-20-3	
Toluene	3490	ug/L	500	17.2	100		09/18/19 12:48	108-88-3	
1,2,4-Trimethylbenzene	2770	ug/L	28.0	8.4	10		09/18/19 10:03	95-63-6	
1,3,5-Trimethylbenzene	667	ug/L	29.1	8.7	10		09/18/19 10:03	108-67-8	
m&p-Xylene	5770	ug/L	200	46.5	100		09/18/19 12:48	179601-23-1	
o-Xylene	2810	ug/L	10.0	2.6	10		09/18/19 10:03	95-47-6	
Surrogates									
Dibromofluoromethane (S)	86	%	70-130		10		09/18/19 10:03	1868-53-7	
Toluene-d8 (S)	105	%	70-130		10		09/18/19 10:03	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		10		09/18/19 10:03	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: MW-3	Lab ID: 40195158003	Collected: 09/12/19 13:30	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/18/19 11:14	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/18/19 11:14	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/18/19 11:14	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/18/19 11:14	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/18/19 11:14	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/18/19 11:14	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/18/19 11:14	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/18/19 11:14	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/18/19 11:14	95-47-6	
Surrogates									
Dibromofluoromethane (S)	100	%	70-130		1		09/18/19 11:14	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/18/19 11:14	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		09/18/19 11:14	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

Sample: MW-4 **Lab ID: 40195158004** Collected: 09/12/19 14:40 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/18/19 11:37	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/18/19 11:37	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/18/19 11:37	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/18/19 11:37	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/18/19 11:37	108-88-3	
1,2,4-Trimethylbenzene	3.3	ug/L	2.8	0.84	1		09/18/19 11:37	95-63-6	
1,3,5-Trimethylbenzene	8.5	ug/L	2.9	0.87	1		09/18/19 11:37	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/18/19 11:37	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/18/19 11:37	95-47-6	
Surrogates									
Dibromofluoromethane (S)	99	%	70-130		1		09/18/19 11:37	1868-53-7	
Toluene-d8 (S)	106	%	70-130		1		09/18/19 11:37	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130		1		09/18/19 11:37	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: MW-5	Lab ID: 40195158005	Collected: 09/12/19 15:05	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/18/19 08:05	71-43-2	
Ethylbenzene	4.3	ug/L	1.0	0.22	1		09/18/19 08:05	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/18/19 08:05	1634-04-4	
Naphthalene	2.4J	ug/L	5.0	1.2	1		09/18/19 08:05	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/18/19 08:05	108-88-3	
1,2,4-Trimethylbenzene	32.1	ug/L	2.8	0.84	1		09/18/19 08:05	95-63-6	
1,3,5-Trimethylbenzene	7.3	ug/L	2.9	0.87	1		09/18/19 08:05	108-67-8	
m&p-Xylene	19.7	ug/L	2.0	0.47	1		09/18/19 08:05	179601-23-1	
o-Xylene	0.69J	ug/L	1.0	0.26	1		09/18/19 08:05	95-47-6	
Surrogates									
Dibromofluoromethane (S)	116	%	70-130		1		09/18/19 08:05	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		09/18/19 08:05	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		09/18/19 08:05	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

Sample: MW-6 **Lab ID: 40195158006** Collected: 09/12/19 14:55 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	23.2J	ug/L	25.0	6.2	25		09/17/19 23:36	71-43-2	
Ethylbenzene	686	ug/L	25.0	5.5	25		09/17/19 23:36	100-41-4	
Methyl-tert-butyl ether	<31.1	ug/L	104	31.1	25		09/17/19 23:36	1634-04-4	
Naphthalene	258	ug/L	125	29.4	25		09/17/19 23:36	91-20-3	
Toluene	976	ug/L	125	4.3	25		09/17/19 23:36	108-88-3	
1,2,4-Trimethylbenzene	1900	ug/L	70.0	21.0	25		09/17/19 23:36	95-63-6	
1,3,5-Trimethylbenzene	483	ug/L	72.8	21.8	25		09/17/19 23:36	108-67-8	
m&p-Xylene	9080	ug/L	50.0	11.6	25		09/17/19 23:36	179601-23-1	
o-Xylene	4360	ug/L	25.0	6.5	25		09/17/19 23:36	95-47-6	
Surrogates									
Dibromofluoromethane (S)	95	%	70-130		25		09/17/19 23:36	1868-53-7	
Toluene-d8 (S)	99	%	70-130		25		09/17/19 23:36	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		25		09/17/19 23:36	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: MW-7	Lab ID: 40195158007	Collected: 09/12/19 15:40	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/17/19 23:59	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/17/19 23:59	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/17/19 23:59	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/17/19 23:59	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/17/19 23:59	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/17/19 23:59	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/17/19 23:59	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/17/19 23:59	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/17/19 23:59	95-47-6	
Surrogates									
Dibromofluoromethane (S)	107	%	70-130		1		09/17/19 23:59	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		09/17/19 23:59	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		1		09/17/19 23:59	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

Sample: MW-8 **Lab ID: 40195158008** Collected: 09/12/19 13:15 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	11.5	ug/L	1.0	0.25	1		09/18/19 00:21	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/18/19 00:21	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/18/19 00:21	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/18/19 00:21	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/18/19 00:21	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/18/19 00:21	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/18/19 00:21	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/18/19 00:21	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/18/19 00:21	95-47-6	
Surrogates									
Dibromofluoromethane (S)	110	%	70-130		1		09/18/19 00:21	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		09/18/19 00:21	2037-26-5	
4-Bromofluorobenzene (S)	84	%	70-130		1		09/18/19 00:21	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

Sample: MW-9 **Lab ID: 40195158009** Collected: 09/12/19 14:25 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/18/19 00:43	71-43-2	
Ethylbenzene	2.4	ug/L	1.0	0.22	1		09/18/19 00:43	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/18/19 00:43	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/18/19 00:43	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/18/19 00:43	108-88-3	
1,2,4-Trimethylbenzene	0.93J	ug/L	2.8	0.84	1		09/18/19 00:43	95-63-6	
1,3,5-Trimethylbenzene	2.3J	ug/L	2.9	0.87	1		09/18/19 00:43	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/18/19 00:43	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/18/19 00:43	95-47-6	
Surrogates									
Dibromofluoromethane (S)	96	%	70-130		1		09/18/19 00:43	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		09/18/19 00:43	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		09/18/19 00:43	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: MW-10 **Lab ID: 40195158010** Collected: 09/12/19 14:15 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	6.5	ug/L	1.0	0.25	1		09/19/19 07:58	71-43-2	
Ethylbenzene	13.3	ug/L	1.0	0.22	1		09/19/19 07:58	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/19/19 07:58	1634-04-4	
Naphthalene	2.6J	ug/L	5.0	1.2	1		09/19/19 07:58	91-20-3	
Toluene	20.6	ug/L	5.0	0.17	1		09/19/19 07:58	108-88-3	
1,2,4-Trimethylbenzene	8.6	ug/L	2.8	0.84	1		09/19/19 07:58	95-63-6	
1,3,5-Trimethylbenzene	2.3J	ug/L	2.9	0.87	1		09/19/19 07:58	108-67-8	
m&p-Xylene	28.7	ug/L	2.0	0.47	1		09/19/19 07:58	179601-23-1	
o-Xylene	5.0	ug/L	1.0	0.26	1		09/19/19 07:58	95-47-6	
Surrogates									
Dibromofluoromethane (S)	102	%	70-130		1		09/19/19 07:58	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		09/19/19 07:58	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1		09/19/19 07:58	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

Sample: MW-11 **Lab ID: 40195158011** Collected: 09/12/19 13:00 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/17/19 00:09	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/17/19 00:09	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/17/19 00:09	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/17/19 00:09	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/17/19 00:09	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/17/19 00:09	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/17/19 00:09	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/17/19 00:09	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/17/19 00:09	95-47-6	
Surrogates									
Dibromofluoromethane (S)	102	%	70-130		1		09/17/19 00:09	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/17/19 00:09	2037-26-5	
4-Bromofluorobenzene (S)	87	%	70-130		1		09/17/19 00:09	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: MW-12	Lab ID: 40195158012	Collected: 09/12/19 12:45	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	2.9	ug/L	1.0	0.25	1		09/17/19 00:31	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/17/19 00:31	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/17/19 00:31	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/17/19 00:31	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/17/19 00:31	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/17/19 00:31	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/17/19 00:31	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/17/19 00:31	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/17/19 00:31	95-47-6	
Surrogates									
Dibromofluoromethane (S)	104	%	70-130		1		09/17/19 00:31	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		09/17/19 00:31	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		09/17/19 00:31	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: PZ-1	Lab ID: 40195158013	Collected: 09/12/19 13:45	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/16/19 23:03	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/16/19 23:03	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/16/19 23:03	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/16/19 23:03	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/16/19 23:03	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/16/19 23:03	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/16/19 23:03	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/16/19 23:03	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/16/19 23:03	95-47-6	
Surrogates									
Dibromofluoromethane (S)	102	%	70-130		1		09/16/19 23:03	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		09/16/19 23:03	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		09/16/19 23:03	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: PZ-2	Lab ID: 40195158014	Collected: 09/12/19 12:30	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	616	ug/L	10.0	2.5	10		09/17/19 07:02	71-43-2	
Ethylbenzene	389	ug/L	10.0	2.2	10		09/17/19 07:02	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/17/19 00:53	1634-04-4	
Naphthalene	107	ug/L	5.0	1.2	1		09/17/19 00:53	91-20-3	
Toluene	662	ug/L	50.0	1.7	10		09/17/19 07:02	108-88-3	
1,2,4-Trimethylbenzene	206	ug/L	2.8	0.84	1		09/17/19 00:53	95-63-6	
1,3,5-Trimethylbenzene	75.6	ug/L	2.9	0.87	1		09/17/19 00:53	108-67-8	
m&p-Xylene	931	ug/L	20.0	4.7	10		09/17/19 07:02	179601-23-1	
o-Xylene	335	ug/L	10.0	2.6	10		09/17/19 07:02	95-47-6	
Surrogates									
Dibromofluoromethane (S)	102	%	70-130		1		09/17/19 00:53	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		09/17/19 00:53	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		09/17/19 00:53	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: TODD STEBBEDS **Lab ID: 40195158015** Collected: 09/12/19 13:20 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/16/19 23:25	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/16/19 23:25	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/16/19 23:25	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/16/19 23:25	91-20-3	
Toluene	<0.17	ug/L	5.0	0.17	1		09/16/19 23:25	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/16/19 23:25	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/16/19 23:25	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/16/19 23:25	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/16/19 23:25	95-47-6	
Surrogates									
Dibromofluoromethane (S)	103	%	70-130		1		09/16/19 23:25	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		09/16/19 23:25	2037-26-5	
4-Bromofluorobenzene (S)	86	%	70-130		1		09/16/19 23:25	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: JASON STEBBEDS Lab ID: 40195158016 Collected: 09/12/19 16:15 Received: 09/14/19 10:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/16/19 23:47	71-43-2	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		09/16/19 23:47	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/16/19 23:47	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/16/19 23:47	91-20-3	
Toluene	1.6J	ug/L	5.0	0.17	1		09/16/19 23:47	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/16/19 23:47	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/16/19 23:47	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		09/16/19 23:47	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		09/16/19 23:47	95-47-6	
Surrogates									
Dibromofluoromethane (S)	102	%	70-130		1		09/16/19 23:47	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		09/16/19 23:47	2037-26-5	
4-Bromofluorobenzene (S)	87	%	70-130		1		09/16/19 23:47	460-00-4	

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ANALYTICAL RESULTS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

Sample: LAKE CLUB	Lab ID: 40195158017	Collected: 09/12/19 16:30	Received: 09/14/19 10:50	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260								
Benzene	<0.25	ug/L	1.0	0.25	1		09/17/19 06:18	71-43-2	
Ethylbenzene	0.29J	ug/L	1.0	0.22	1		09/17/19 06:18	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		09/17/19 06:18	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		09/17/19 06:18	91-20-3	
Toluene	2.8J	ug/L	5.0	0.17	1		09/17/19 06:18	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		09/17/19 06:18	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		09/17/19 06:18	108-67-8	
m&p-Xylene	1.1J	ug/L	2.0	0.47	1		09/17/19 06:18	179601-23-1	
o-Xylene	0.27J	ug/L	1.0	0.26	1		09/17/19 06:18	95-47-6	
Surrogates									
Dibromofluoromethane (S)	103	%	70-130		1		09/17/19 06:18	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		09/17/19 06:18	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		09/17/19 06:18	460-00-4	

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

QC Batch: 333959 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER

Associated Lab Samples: 40195158011, 40195158012, 40195158013, 40195158014, 40195158015, 40195158016, 40195158017

METHOD BLANK: 1939499 Matrix: Water

Associated Lab Samples: 40195158011, 40195158012, 40195158013, 40195158014, 40195158015, 40195158016, 40195158017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	09/16/19 14:59	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	09/16/19 14:59	
Benzene	ug/L	<0.25	1.0	09/16/19 14:59	
Ethylbenzene	ug/L	<0.22	1.0	09/16/19 14:59	
m&p-Xylene	ug/L	<0.47	2.0	09/16/19 14:59	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	09/16/19 14:59	
Naphthalene	ug/L	<1.2	5.0	09/16/19 14:59	
o-Xylene	ug/L	<0.26	1.0	09/16/19 14:59	
Toluene	ug/L	<0.17	5.0	09/16/19 14:59	
4-Bromofluorobenzene (S)	%	86	70-130	09/16/19 14:59	
Dibromofluoromethane (S)	%	101	70-130	09/16/19 14:59	
Toluene-d8 (S)	%	98	70-130	09/16/19 14:59	

LABORATORY CONTROL SAMPLE: 1939500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.6	97	70-130	
Ethylbenzene	ug/L	50	49.4	99	80-124	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	47.7	95	54-137	
o-Xylene	ug/L	50	52.0	104	70-130	
Toluene	ug/L	50	48.9	98	80-126	
4-Bromofluorobenzene (S)	%			95	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1939979 1939980

Parameter	Units	MS		MSD		MS		MSD		% Rec		RPD	Max RPD	Qual
		40194952001	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	MSD % Rec	MS % Rec	Limits	RPD		
Benzene	ug/L	<0.25	50	50	48.9	51.7	98	103	70-130	6	20			
Ethylbenzene	ug/L	<0.22	50	50	48.9	52.7	98	105	80-125	7	20			
m&p-Xylene	ug/L	<0.47	100	100	106	103	106	103	70-130	2	20			
Methyl-tert-butyl ether	ug/L	<1.2	50	50	48.6	50.2	97	100	51-145	3	20			
o-Xylene	ug/L	<0.26	50	50	48.8	53.4	98	107	70-130	9	20			
Toluene	ug/L	<0.17	50	50	49.2	50.8	98	102	80-131	3	20			
4-Bromofluorobenzene (S)	%						95	96	70-130					
Dibromofluoromethane (S)	%						103	101	70-130					

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE
 Pace Project No.: 40195158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1939979	1939980								
Parameter	Units	40194952001	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%						94	98	70-130			

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

QC Batch: 333990 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER

Associated Lab Samples: 40195158001, 40195158002, 40195158003, 40195158004

METHOD BLANK: 1939606 Matrix: Water

Associated Lab Samples: 40195158001, 40195158002, 40195158003, 40195158004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	09/17/19 16:22	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	09/17/19 16:22	
Benzene	ug/L	<0.25	1.0	09/17/19 16:22	
Ethylbenzene	ug/L	<0.22	1.0	09/17/19 16:22	
m&p-Xylene	ug/L	<0.47	2.0	09/17/19 16:22	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	09/17/19 16:22	
Naphthalene	ug/L	<1.2	5.0	09/17/19 16:22	
o-Xylene	ug/L	<0.26	1.0	09/17/19 16:22	
Toluene	ug/L	<0.17	5.0	09/17/19 16:22	
4-Bromofluorobenzene (S)	%	95	70-130	09/17/19 16:22	
Dibromofluoromethane (S)	%	94	70-130	09/17/19 16:22	
Toluene-d8 (S)	%	106	70-130	09/17/19 16:22	

LABORATORY CONTROL SAMPLE: 1939607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.2	92	70-130	
Ethylbenzene	ug/L	50	56.1	112	80-124	
m&p-Xylene	ug/L	100	109	109	70-130	
Methyl-tert-butyl ether	ug/L	50	48.2	96	54-137	
o-Xylene	ug/L	50	56.0	112	70-130	
Toluene	ug/L	50	55.8	112	80-126	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1940195 1940196

Parameter	Units	MS		MSD		MS		MSD		% Rec		RPD	Max RPD	Qual
		40195123005 Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	MSD % Rec	Limits	RPD	Max RPD			
Benzene	ug/L	<0.00025 mg/L	50	50	47.8	46.2	96	92	70-130	3	20			
Ethylbenzene	ug/L	<0.00022 mg/L	50	50	54.9	55.0	110	110	80-125	0	20			
m&p-Xylene	ug/L	<0.00047 mg/L	100	100	111	111	111	111	70-130	0	20			
Methyl-tert-butyl ether	ug/L	<0.0012 mg/L	50	50	50.7	46.8	101	94	51-145	8	20			
o-Xylene	ug/L	<0.00026 mg/L	50	50	56.8	56.0	114	112	70-130	1	20			

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE
 Pace Project No.: 40195158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		1940195		1940196					
Parameter	Units	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec
		40195123005	Spike Conc.						
Parameter	Units	Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD
Toluene	ug/L	<0.00017 mg/L	50	50	55.5	54.9	111	110	80-131
4-Bromofluorobenzene (S)	%					104	103	70-130	
Dibromofluoromethane (S)	%					94	97	70-130	
Toluene-d8 (S)	%					104	106	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

QC Batch:	334073	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
Associated Lab Samples:	40195158005, 40195158006, 40195158007, 40195158008, 40195158009		

METHOD BLANK: 1939951 Matrix: Water

Associated Lab Samples: 40195158005, 40195158006, 40195158007, 40195158008, 40195158009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	09/17/19 17:59	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	09/17/19 17:59	
Benzene	ug/L	<0.25	1.0	09/17/19 17:59	
Ethylbenzene	ug/L	<0.22	1.0	09/17/19 17:59	
m&p-Xylene	ug/L	<0.47	2.0	09/17/19 17:59	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	09/17/19 17:59	
Naphthalene	ug/L	<1.2	5.0	09/17/19 17:59	
o-Xylene	ug/L	<0.26	1.0	09/17/19 17:59	
Toluene	ug/L	<0.17	5.0	09/17/19 17:59	
4-Bromofluorobenzene (S)	%	83	70-130	09/17/19 17:59	
Dibromofluoromethane (S)	%	112	70-130	09/17/19 17:59	
Toluene-d8 (S)	%	96	70-130	09/17/19 17:59	

LABORATORY CONTROL SAMPLE: 1939952

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.4	93	70-130	
Ethylbenzene	ug/L	50	51.5	103	80-124	
m&p-Xylene	ug/L	100	112	112	70-130	
Methyl-tert-butyl ether	ug/L	50	32.4	65	54-137	
o-Xylene	ug/L	50	50.6	101	70-130	
Toluene	ug/L	50	54.1	108	80-126	
4-Bromofluorobenzene (S)	%			106	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1940282 1940283

Parameter	Units	MS		MSD		MS		MSD		% Rec		Max RPD	RPD Qual
		40195139015	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	MSD % Rec	MS % Rec	MSD % Rec	Limits	
Benzene	ug/L	<1.0	50	50	52.1	50.8	104	102	70-130	70-130	3	20	
Ethylbenzene	ug/L	<1.0	50	50	57.4	54.9	115	110	80-125	80-125	4	20	
m&p-Xylene	ug/L	<0.47	100	100	123	118	123	118	70-130	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<5.0	50	50	37.5	36.9	75	74	51-145	51-145	2	20	
o-Xylene	ug/L	<0.26	50	50	56.5	54.7	113	109	70-130	70-130	3	20	
Toluene	ug/L	<1.0	50	50	59.6	57.1	119	114	80-131	80-131	4	20	
4-Bromofluorobenzene (S)	%						105	106	70-130	70-130			
Dibromofluoromethane (S)	%						98	99	70-130	70-130			

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE
 Pace Project No.: 40195158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1940282	1940283								
Parameter	Units	Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			40195139015	Spike Conc.								
Toluene-d8 (S)	%						100	99	70-130			

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE

Pace Project No.: 40195158

QC Batch:	334313	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
Associated Lab Samples:	40195158010		

METHOD BLANK: 1940984 Matrix: Water

Associated Lab Samples: 40195158010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	09/18/19 14:52	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	09/18/19 14:52	
Benzene	ug/L	<0.25	1.0	09/18/19 14:52	
Ethylbenzene	ug/L	<0.22	1.0	09/18/19 14:52	
m&p-Xylene	ug/L	<0.47	2.0	09/18/19 14:52	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	09/18/19 14:52	
Naphthalene	ug/L	<1.2	5.0	09/18/19 14:52	
o-Xylene	ug/L	<0.26	1.0	09/18/19 14:52	
Toluene	ug/L	<0.17	5.0	09/18/19 14:52	
4-Bromofluorobenzene (S)	%	90	70-130	09/18/19 14:52	
Dibromofluoromethane (S)	%	108	70-130	09/18/19 14:52	
Toluene-d8 (S)	%	102	70-130	09/18/19 14:52	

LABORATORY CONTROL SAMPLE: 1940985

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.1	96	70-130	
Ethylbenzene	ug/L	50	55.7	111	80-124	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	47.9	96	54-137	
o-Xylene	ug/L	50	57.2	114	70-130	
Toluene	ug/L	50	54.3	109	80-126	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1941525 1941526

Parameter	Units	MS		MSD		MS		MSD		% Rec		RPD	Max RPD	Qual
		40195231002	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	MSD % Rec	MS % Rec	Limits	RPD		
Benzene	ug/L	<0.25	50	50	46.6	47.1	93	94	70-130	101	70-130	1	20	
Ethylbenzene	ug/L	<0.22	50	50	58.1	55.0	116	110	80-125	101	70-130	6	20	
m&p-Xylene	ug/L	<0.47	100	100	114	109	114	109	70-130	101	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	51.3	49.5	103	99	51-145	101	70-130	4	20	
o-Xylene	ug/L	<0.26	50	50	56.7	56.7	113	113	70-130	101	70-130	0	20	
Toluene	ug/L	<0.17	50	50	57.6	55.3	115	111	80-131	101	70-130	4	20	
4-Bromofluorobenzene (S)	%							101	101	70-130				
Dibromofluoromethane (S)	%							92	97	70-130				

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QUALITY CONTROL DATA

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			1941525	1941526									
Parameter	Units	Result	MS 40195231002	MSD Spike Conc.	MS Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene-d8 (S)	%							108	104	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 5543 FORMER VOLK SERVICE
Pace Project No.: 40195158

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 5543 FORMER VOLK SERVICE
 Pace Project No.: 40195158

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40195158001	MW-1	EPA 8260	333990		
40195158002	MW-2	EPA 8260	333990		
40195158003	MW-3	EPA 8260	333990		
40195158004	MW-4	EPA 8260	333990		
40195158005	MW-5	EPA 8260	334073		
40195158006	MW-6	EPA 8260	334073		
40195158007	MW-7	EPA 8260	334073		
40195158008	MW-8	EPA 8260	334073		
40195158009	MW-9	EPA 8260	334073		
40195158010	MW-10	EPA 8260	334313		
40195158011	MW-11	EPA 8260	333959		
40195158012	MW-12	EPA 8260	333959		
40195158013	PZ-1	EPA 8260	333959		
40195158014	PZ-2	EPA 8260	333959		
40195158015	TODD STEBBEDS	EPA 8260	333959		
40195158016	JASON STEBBEDS	EPA 8260	333959		
40195158017	LAKE CLUB	EPA 8260	333959		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name:	REI
Branch/Location:	Wausau
Project Contact:	Ryan Resch
Phone:	715-675-9784
Project Number:	5543
Project Name:	Former Volk Service
Project State:	WI
Sampled By (Print):	Ryan Resch
Sampled By (Sign):	
PO #:	
Data Package Options (billable)	<input type="checkbox"/> EPA Level III <input type="checkbox"/> EPA Level IV
MS/MSD	<input type="checkbox"/> On your sample (billable) <input type="checkbox"/> NOT needed on your sample
Matrix Codes	
A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	VW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analyses Requested	Y/N	N	Pace Analytical® www.pacelabs.com	Quote #:
		DATE	TIME						
001	MW-1	9/12/19	4:00	aw		X			40195158
002	MW-2		1:50						
003	MW-3		1:30						
004	MW-4		2:40						
005	MW-5		3:05						
006	MW-6		2:55						
007	MW-7		3:40						
008	MW-8		1:15						
009	MW-9		2:25						
010	MW-10		2:15						
011	MW-11		1:00						
012	MW-12		12:45						
013	PZ-1		1:45						

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

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

Email #1:	Relinquished By: <i>Ben Rogers</i>	Date/Time: 9/13/19 1606	Received By: <i>John DeLoach</i>	Date/Time: 9/14/19 1050	PACE Project No. 40195158
Email #2:	Relinquished By: <i>Walter</i>	Date/Time: 9/14/19 1050	Received By: <i>John DeLoach</i>	Date/Time: 9/14/19 1050	Receipt Temp = 20 °C
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Sample Receipt pH OK / Adjusted
Fax:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal Present / Not Present
Samples on HOLD are subject to special pricing and release of liability		Relinquished By:	Date/Time:	Received By:	Intact / Not Intact

UPPER MIDWEST REGION

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

Page 1 of 2

Sample Preservation Receipt Form

Client Name: FEI

Project # U0195158

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

Page 34 of 35

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/
Time:

Pace Lab #	Glass					Plastic					Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)	
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC	GN			
001															3														2.5 / 5 / 10
002															3														2.5 / 5 / 10
003															3														2.5 / 5 / 10
004															3														2.5 / 5 / 10
005															3														2.5 / 5 / 10
006															3														2.5 / 5 / 10
007															3														2.5 / 5 / 10
008															3														2.5 / 5 / 10
009															3														2.5 / 5 / 10
010															3														2.5 / 5 / 10
011															3														2.5 / 5 / 10
012															3														2.5 / 5 / 10
013															3														2.5 / 5 / 10
014															3														2.5 / 5 / 10
015															3														2.5 / 5 / 10
016															3														2.5 / 5 / 10
017															3														2.5 / 5 / 10
018																													2.5 / 5 / 10
019																													2.5 / 5 / 10
020																													2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm): Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	



Document Name:
Sample Condition Upon Receipt (SCUR)

Document Revised: 25Apr2018

Document No.:
F-GB-C-031-Rev.07

Issuing Authority:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40195158

Client Name: REI

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other:

Tracking #: 2175869-1



40195158

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - NA Type of Ice: Wet Blue Dry None

Cooler Temperature Uncorr: 80 /Corr:

Samples on ice, cooling process has begun

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C.

Person examining contents:

Date: 9/14/19

Initials: PD

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: - VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct Containers Used: -Pace Containers Used: -Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. DIS - Not me W 9/14/19 PD
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. 9/14/19 PD
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: BB

Date: 9-6-19

June 09, 2020

Ken Lassa
REI
4080 North 20th Avenue
Wausau, WI 54401

RE: Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Dear Ken Lassa:

Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40209018001	MW1	Water	06/04/20 09:50	06/06/20 08:35
40209018002	MW2	Water	06/04/20 11:05	06/06/20 08:35
40209018003	MW3	Water	06/04/20 11:55	06/06/20 08:35
40209018004	MW4	Water	06/04/20 09:55	06/06/20 08:35
40209018005	MW5	Water	06/04/20 10:05	06/06/20 08:35
40209018006	MW6	Water	06/04/20 10:25	06/06/20 08:35
40209018007	MW7	Water	06/04/20 10:15	06/06/20 08:35
40209018008	MW8	Water	06/04/20 11:25	06/06/20 08:35
40209018009	MW9	Water	06/04/20 10:45	06/06/20 08:35
40209018010	MW10	Water	06/04/20 10:55	06/06/20 08:35
40209018011	MW11	Water	06/04/20 13:55	06/06/20 08:35
40209018012	MW12	Water	06/04/20 13:35	06/06/20 08:35
40209018013	MW13	Water	06/04/20 13:00	06/06/20 08:35
40209018014	PZ1	Water	06/04/20 11:15	06/06/20 08:35
40209018015	PZ2	Water	06/04/20 13:20	06/06/20 08:35
40209018016	PZ4	Water	06/04/20 13:45	06/06/20 08:35
40209018017	PZ5	Water	06/04/20 13:50	06/06/20 08:35
40209018018	T. STEBBELS	Water	06/04/20 16:35	06/06/20 08:35
40209018019	J. STEBBELS	Water	06/04/20 16:50	06/06/20 08:35
40209018020	OLD CAMP ROAD	Water	06/04/20 15:30	06/06/20 08:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40209018001	MW1	EPA 8260	HNW	12	PASI-G
40209018002	MW2	EPA 8260	HNW	12	PASI-G
40209018003	MW3	EPA 8260	HNW	12	PASI-G
40209018004	MW4	EPA 8260	HNW	12	PASI-G
40209018005	MW5	EPA 8260	HNW	12	PASI-G
40209018006	MW6	EPA 8260	HNW	12	PASI-G
40209018007	MW7	EPA 8260	HNW	12	PASI-G
40209018008	MW8	EPA 8260	HNW	12	PASI-G
40209018009	MW9	EPA 8260	HNW	12	PASI-G
40209018010	MW10	EPA 8260	HNW	12	PASI-G
40209018011	MW11	EPA 8260	HNW	12	PASI-G
40209018012	MW12	EPA 8260	HNW	12	PASI-G
40209018013	MW13	EPA 8260	HNW	12	PASI-G
40209018014	PZ1	EPA 8260	HNW	12	PASI-G
40209018015	PZ2	EPA 8260	HNW	12	PASI-G
40209018016	PZ4	EPA 8260	HNW	12	PASI-G
40209018017	PZ5	EPA 8260	HNW	12	PASI-G
40209018018	T. STEBBELS	EPA 8260	HNW	12	PASI-G
40209018019	J. STEBBELS	EPA 8260	HNW	12	PASI-G
40209018020	OLD CAMP ROAD	EPA 8260	HNW	12	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW1	Lab ID: 40209018001	Collected: 06/04/20 09:50	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 16:27	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 16:27	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 16:27	1634-04-4	L1,M0
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 16:27	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 16:27	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 16:27	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 16:27	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 16:27	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 16:27	95-47-6	
Surrogates									
Dibromofluoromethane (S)	91	%	70-130		1		06/08/20 16:27	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/20 16:27	2037-26-5	
4-Bromofluorobenzene (S)	78	%	70-130		1		06/08/20 16:27	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE

Pace Project No.: 40209018

Sample: MW2	Lab ID: 40209018002	Collected: 06/04/20 11:05	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	1000	ug/L	20.0	4.9	20		06/08/20 21:49	71-43-2	
Ethylbenzene	783	ug/L	21.2	6.4	20		06/08/20 21:49	100-41-4	
Methyl-tert-butyl ether	<24.9	ug/L	83.1	24.9	20		06/08/20 21:49	1634-04-4	L1
Naphthalene	218	ug/L	100	23.5	20		06/08/20 21:49	91-20-3	
Toluene	2500	ug/L	18.0	5.4	20		06/08/20 21:49	108-88-3	
1,2,4-Trimethylbenzene	1410	ug/L	56.0	16.8	20		06/08/20 21:49	95-63-6	
1,3,5-Trimethylbenzene	329	ug/L	58.2	17.5	20		06/08/20 21:49	108-67-8	
m&p-Xylene	3340	ug/L	40.0	9.3	20		06/08/20 21:49	179601-23-1	
o-Xylene	1270	ug/L	20.0	5.2	20		06/08/20 21:49	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		20		06/08/20 21:49	1868-53-7	
Toluene-d8 (S)	100	%	70-130		20		06/08/20 21:49	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		20		06/08/20 21:49	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW3	Lab ID: 40209018003	Collected: 06/04/20 11:55	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 16:06	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 16:06	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 16:06	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 16:06	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 16:06	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 16:06	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 16:06	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 16:06	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 16:06	95-47-6	
Surrogates									
Dibromofluoromethane (S)	92	%	70-130		1		06/08/20 16:06	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		06/08/20 16:06	2037-26-5	
4-Bromofluorobenzene (S)	79	%	70-130		1		06/08/20 16:06	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW4	Lab ID: 40209018004	Collected: 06/04/20 09:55	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 16:49	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 16:49	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 16:49	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 16:49	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 16:49	108-88-3	
1,2,4-Trimethylbenzene	2.8	ug/L	2.8	0.84	1		06/08/20 16:49	95-63-6	
1,3,5-Trimethylbenzene	1.4J	ug/L	2.9	0.87	1		06/08/20 16:49	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 16:49	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 16:49	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 16:49	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/20 16:49	2037-26-5	
4-Bromofluorobenzene (S)	75	%	70-130		1		06/08/20 16:49	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW5	Lab ID: 40209018005	Collected: 06/04/20 10:05	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.99	ug/L	4.0	0.99	4		06/08/20 22:11	71-43-2	
Ethylbenzene	216	ug/L	4.2	1.3	4		06/08/20 22:11	100-41-4	
Methyl-tert-butyl ether	<5.0	ug/L	16.6	5.0	4		06/08/20 22:11	1634-04-4	L1
Naphthalene	137	ug/L	20.0	4.7	4		06/08/20 22:11	91-20-3	
Toluene	<1.1	ug/L	3.6	1.1	4		06/08/20 22:11	108-88-3	
1,2,4-Trimethylbenzene	1030	ug/L	11.2	3.4	4		06/08/20 22:11	95-63-6	
1,3,5-Trimethylbenzene	234	ug/L	11.6	3.5	4		06/08/20 22:11	108-67-8	
m&p-Xylene	1050	ug/L	8.0	1.9	4		06/08/20 22:11	179601-23-1	
o-Xylene	46.6	ug/L	4.0	1.0	4		06/08/20 22:11	95-47-6	
Surrogates									
Dibromofluoromethane (S)	93	%	70-130		4		06/08/20 22:11	1868-53-7	
Toluene-d8 (S)	102	%	70-130		4		06/08/20 22:11	2037-26-5	
4-Bromofluorobenzene (S)	85	%	70-130		4		06/08/20 22:11	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE

Pace Project No.: 40209018

Sample: MW6	Lab ID: 40209018006	Collected: 06/04/20 10:25	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	30.1	ug/L	10.0	2.5	10		06/08/20 22:32	71-43-2	
Ethylbenzene	422	ug/L	10.6	3.2	10		06/08/20 22:32	100-41-4	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		06/08/20 22:32	1634-04-4	L1
Naphthalene	219	ug/L	50.0	11.8	10		06/08/20 22:32	91-20-3	
Toluene	1700	ug/L	9.0	2.7	10		06/08/20 22:32	108-88-3	
1,2,4-Trimethylbenzene	1870	ug/L	28.0	8.4	10		06/08/20 22:32	95-63-6	
1,3,5-Trimethylbenzene	571	ug/L	29.1	8.7	10		06/08/20 22:32	108-67-8	
m&p-Xylene	4600	ug/L	20.0	4.7	10		06/08/20 22:32	179601-23-1	
o-Xylene	2180	ug/L	10.0	2.6	10		06/08/20 22:32	95-47-6	
Surrogates									
Dibromofluoromethane (S)	93	%	70-130		10		06/08/20 22:32	1868-53-7	
Toluene-d8 (S)	99	%	70-130		10		06/08/20 22:32	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		10		06/08/20 22:32	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW7	Lab ID: 40209018007	Collected: 06/04/20 10:15	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 17:10	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 17:10	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 17:10	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 17:10	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 17:10	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 17:10	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 17:10	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 17:10	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 17:10	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 17:10	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		06/08/20 17:10	2037-26-5	
4-Bromofluorobenzene (S)	78	%	70-130		1		06/08/20 17:10	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW8	Lab ID: 40209018008	Collected: 06/04/20 11:25	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	17.0	ug/L	1.0	0.25	1		06/08/20 17:32	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 17:32	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 17:32	1634-04-4	L1
Naphthalene	4.9J	ug/L	5.0	1.2	1		06/08/20 17:32	91-20-3	
Toluene	0.29J	ug/L	0.90	0.27	1		06/08/20 17:32	108-88-3	
1,2,4-Trimethylbenzene	1.0J	ug/L	2.8	0.84	1		06/08/20 17:32	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 17:32	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 17:32	179601-23-1	
o-Xylene	0.37J	ug/L	1.0	0.26	1		06/08/20 17:32	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 17:32	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/08/20 17:32	2037-26-5	
4-Bromofluorobenzene (S)	77	%	70-130		1		06/08/20 17:32	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW9	Lab ID: 40209018009	Collected: 06/04/20 10:45	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 17:53	71-43-2	
Ethylbenzene	27.4	ug/L	1.1	0.32	1		06/08/20 17:53	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 17:53	1634-04-4	L1
Naphthalene	69.5	ug/L	5.0	1.2	1		06/08/20 17:53	91-20-3	
Toluene	5.1	ug/L	0.90	0.27	1		06/08/20 17:53	108-88-3	
1,2,4-Trimethylbenzene	37.5	ug/L	2.8	0.84	1		06/08/20 17:53	95-63-6	
1,3,5-Trimethylbenzene	18.0	ug/L	2.9	0.87	1		06/08/20 17:53	108-67-8	
m&p-Xylene	59.2	ug/L	2.0	0.47	1		06/08/20 17:53	179601-23-1	
o-Xylene	9.4	ug/L	1.0	0.26	1		06/08/20 17:53	95-47-6	
Surrogates									
Dibromofluoromethane (S)	92	%	70-130		1		06/08/20 17:53	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/20 17:53	2037-26-5	
4-Bromofluorobenzene (S)	83	%	70-130		1		06/08/20 17:53	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW10	Lab ID: 40209018010	Collected: 06/04/20 10:55	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	84.1	ug/L	5.0	1.2	5		06/08/20 22:54	71-43-2	
Ethylbenzene	208	ug/L	5.3	1.6	5		06/08/20 22:54	100-41-4	
Methyl-tert-butyl ether	<6.2	ug/L	20.8	6.2	5		06/08/20 22:54	1634-04-4	L1
Naphthalene	95.5	ug/L	25.0	5.9	5		06/08/20 22:54	91-20-3	
Toluene	292	ug/L	4.5	1.3	5		06/08/20 22:54	108-88-3	
1,2,4-Trimethylbenzene	893	ug/L	14.0	4.2	5		06/08/20 22:54	95-63-6	
1,3,5-Trimethylbenzene	309	ug/L	14.6	4.4	5		06/08/20 22:54	108-67-8	
m&p-Xylene	775	ug/L	10.0	2.3	5		06/08/20 22:54	179601-23-1	
o-Xylene	106	ug/L	5.0	1.3	5		06/08/20 22:54	95-47-6	
Surrogates									
Dibromofluoromethane (S)	89	%	70-130		5		06/08/20 22:54	1868-53-7	
Toluene-d8 (S)	103	%	70-130		5		06/08/20 22:54	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		5		06/08/20 22:54	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW11	Lab ID: 40209018011	Collected: 06/04/20 13:55	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 18:14	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 18:14	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 18:14	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 18:14	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 18:14	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 18:14	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 18:14	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 18:14	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 18:14	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 18:14	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		06/08/20 18:14	2037-26-5	
4-Bromofluorobenzene (S)	79	%	70-130		1		06/08/20 18:14	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW12	Lab ID: 40209018012	Collected: 06/04/20 13:35	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 18:36	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 18:36	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 18:36	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 18:36	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 18:36	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 18:36	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 18:36	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 18:36	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 18:36	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 18:36	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/20 18:36	2037-26-5	
4-Bromofluorobenzene (S)	81	%	70-130		1		06/08/20 18:36	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: MW13	Lab ID: 40209018013	Collected: 06/04/20 13:00	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 21:06	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 21:06	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 21:06	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 21:06	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 21:06	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 21:06	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 21:06	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 21:06	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 21:06	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 21:06	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/20 21:06	2037-26-5	
4-Bromofluorobenzene (S)	78	%	70-130		1		06/08/20 21:06	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE

Pace Project No.: 40209018

Sample: PZ1	Lab ID: 40209018014	Collected: 06/04/20 11:15	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 18:57	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 18:57	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 18:57	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 18:57	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 18:57	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 18:57	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 18:57	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 18:57	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 18:57	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 18:57	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/20 18:57	2037-26-5	
4-Bromofluorobenzene (S)	78	%	70-130		1		06/08/20 18:57	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: PZ2	Lab ID: 40209018015	Collected: 06/04/20 13:20	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	842	ug/L	10.0	2.5	10		06/08/20 21:28	71-43-2	
Ethylbenzene	204	ug/L	10.6	3.2	10		06/08/20 21:28	100-41-4	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		06/08/20 21:28	1634-04-4	L1
Naphthalene	85.1	ug/L	50.0	11.8	10		06/08/20 21:28	91-20-3	
Toluene	68.1	ug/L	9.0	2.7	10		06/08/20 21:28	108-88-3	
1,2,4-Trimethylbenzene	71.6	ug/L	28.0	8.4	10		06/08/20 21:28	95-63-6	
1,3,5-Trimethylbenzene	30.7	ug/L	29.1	8.7	10		06/08/20 21:28	108-67-8	
m&p-Xylene	214	ug/L	20.0	4.7	10		06/08/20 21:28	179601-23-1	
o-Xylene	120	ug/L	10.0	2.6	10		06/08/20 21:28	95-47-6	
Surrogates									
Dibromofluoromethane (S)	95	%	70-130		10		06/08/20 21:28	1868-53-7	
Toluene-d8 (S)	100	%	70-130		10		06/08/20 21:28	2037-26-5	
4-Bromofluorobenzene (S)	78	%	70-130		10		06/08/20 21:28	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: PZ4	Lab ID: 40209018016	Collected: 06/04/20 13:45	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 19:19	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 19:19	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 19:19	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 19:19	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 19:19	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 19:19	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 19:19	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 19:19	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 19:19	95-47-6	
Surrogates									
Dibromofluoromethane (S)	93	%	70-130		1		06/08/20 19:19	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		06/08/20 19:19	2037-26-5	
4-Bromofluorobenzene (S)	76	%	70-130		1		06/08/20 19:19	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: PZ5	Lab ID: 40209018017	Collected: 06/04/20 13:50	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 19:40	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 19:40	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 19:40	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 19:40	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 19:40	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 19:40	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 19:40	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 19:40	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 19:40	95-47-6	
Surrogates									
Dibromofluoromethane (S)	92	%	70-130		1		06/08/20 19:40	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/20 19:40	2037-26-5	
4-Bromofluorobenzene (S)	76	%	70-130		1		06/08/20 19:40	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: T. STEBBELS	Lab ID: 40209018018	Collected: 06/04/20 16:35	Received: 06/06/20 08:35	Matrix: Water					
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 20:02	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 20:02	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 20:02	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 20:02	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 20:02	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 20:02	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 20:02	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 20:02	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 20:02	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	70-130		1		06/08/20 20:02	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/20 20:02	2037-26-5	
4-Bromofluorobenzene (S)	77	%	70-130		1		06/08/20 20:02	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: J. STEBBELS Lab ID: 40209018019 Collected: 06/04/20 16:50 Received: 06/06/20 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 20:23	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 20:23	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 20:23	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 20:23	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 20:23	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 20:23	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 20:23	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 20:23	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 20:23	95-47-6	
Surrogates									
Dibromofluoromethane (S)	91	%	70-130		1		06/08/20 20:23	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		06/08/20 20:23	2037-26-5	
4-Bromofluorobenzene (S)	75	%	70-130		1		06/08/20 20:23	460-00-4	

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ANALYTICAL RESULTS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Sample: OLD CAMP ROAD Lab ID: 40209018020 Collected: 06/04/20 15:30 Received: 06/06/20 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	<0.25	ug/L	1.0	0.25	1		06/08/20 20:45	71-43-2	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		06/08/20 20:45	100-41-4	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		06/08/20 20:45	1634-04-4	L1
Naphthalene	<1.2	ug/L	5.0	1.2	1		06/08/20 20:45	91-20-3	
Toluene	<0.27	ug/L	0.90	0.27	1		06/08/20 20:45	108-88-3	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		06/08/20 20:45	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		06/08/20 20:45	108-67-8	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		06/08/20 20:45	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		06/08/20 20:45	95-47-6	
Surrogates									
Dibromofluoromethane (S)	96	%	70-130		1		06/08/20 20:45	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/08/20 20:45	2037-26-5	
4-Bromofluorobenzene (S)	75	%	70-130		1		06/08/20 20:45	460-00-4	

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QUALITY CONTROL DATA

Project: 5543AXUC VOLK SERVICE

Pace Project No.: 40209018

QC Batch: 356937 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV UST-WATER

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40209018001, 40209018002, 40209018003, 40209018004, 40209018005, 40209018006, 40209018007,
40209018008, 40209018009, 40209018010, 40209018011, 40209018012, 40209018013, 40209018014,
40209018015, 40209018016, 40209018017, 40209018018, 40209018019, 40209018020

METHOD BLANK: 2064762

Matrix: Water

Associated Lab Samples: 40209018001, 40209018002, 40209018003, 40209018004, 40209018005, 40209018006, 40209018007,
40209018008, 40209018009, 40209018010, 40209018011, 40209018012, 40209018013, 40209018014,
40209018015, 40209018016, 40209018017, 40209018018, 40209018019, 40209018020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	06/08/20 14:40	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	06/08/20 14:40	
Benzene	ug/L	<0.25	1.0	06/08/20 14:40	
Ethylbenzene	ug/L	<0.32	1.1	06/08/20 14:40	
m&p-Xylene	ug/L	<0.47	2.0	06/08/20 14:40	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	06/08/20 14:40	
Naphthalene	ug/L	<1.2	5.0	06/08/20 14:40	
o-Xylene	ug/L	<0.26	1.0	06/08/20 14:40	
Toluene	ug/L	<0.27	0.90	06/08/20 14:40	
4-Bromofluorobenzene (S)	%	75	70-130	06/08/20 14:40	
Dibromofluoromethane (S)	%	91	70-130	06/08/20 14:40	
Toluene-d8 (S)	%	102	70-130	06/08/20 14:40	

LABORATORY CONTROL SAMPLE: 2064763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.2	92	70-130	
Ethylbenzene	ug/L	50	55.1	110	80-120	
m&p-Xylene	ug/L	100	120	120	70-130	
Methyl-tert-butyl ether	ug/L	50	68.1	136	61-129 L1	
o-Xylene	ug/L	50	57.8	116	70-130	
Toluene	ug/L	50	49.9	100	80-120	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			92	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2064800 2064801

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		40209018001	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec				
Benzene	ug/L	<0.25	50	50	45.8	46.0	92	92	70-136	1	20		
Ethylbenzene	ug/L	<0.32	50	50	54.8	54.8	110	110	80-120	0	20		
m&p-Xylene	ug/L	<0.47	100	100	117	119	117	119	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	67.0	68.9	134	138	61-136	3	20 M0		

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

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QUALITY CONTROL DATA

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		2064800		2064801												
Parameter	Units	MS		MSD		MS		MSD		MS		% Rec			Max	
		40209018001	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	MSD % Rec	% Rec Limits	RPD	RPD	Qual			
o-Xylene	ug/L	<0.26		50	50	56.2	56.7	112	113	70-130	1	20				
Toluene	ug/L	<0.27		50	50	50.7	50.5	101	101	80-120	0	20				
4-Bromofluorobenzene (S)	%							102	103	70-130						
Dibromofluoromethane (S)	%							96	95	70-130						
Toluene-d8 (S)	%							98	97	70-130						

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

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QUALIFIERS

Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

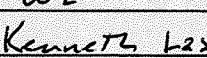
Project: 5543AXUC VOLK SERVICE
Pace Project No.: 40209018

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40209018001	MW1	EPA 8260	356937		
40209018002	MW2	EPA 8260	356937		
40209018003	MW3	EPA 8260	356937		
40209018004	MW4	EPA 8260	356937		
40209018005	MW5	EPA 8260	356937		
40209018006	MW6	EPA 8260	356937		
40209018007	MW7	EPA 8260	356937		
40209018008	MW8	EPA 8260	356937		
40209018009	MW9	EPA 8260	356937		
40209018010	MW10	EPA 8260	356937		
40209018011	MW11	EPA 8260	356937		
40209018012	MW12	EPA 8260	356937		
40209018013	MW13	EPA 8260	356937		
40209018014	PZ1	EPA 8260	356937		
40209018015	PZ2	EPA 8260	356937		
40209018016	PZ4	EPA 8260	356937		
40209018017	PZ5	EPA 8260	356937		
40209018018	T. STEBBELS	EPA 8260	356937		
40209018019	J. STEBBELS	EPA 8260	356937		
40209018020	OLD CAMP ROAD	EPA 8260	356937		

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name:	REI Engineering, Inc	
Branch/Location:	Wausau	
Project Contact:	Ken L2532	
Phone:	715-675-9784	
Project Number:	5543AX4C	
Project Name:	Volk Service	
Project State:	WI	
Sampled By (Print):	Kenneth L2532	
Sampled By (Sign):		
PO #:		Regulator Program



UPPER MIDWEST REGION

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

Page 1 of 2

f32

CHAIN OF CUSTODY

*Preservation Codes						
A=None	B=HCl	C=H ₂ SO ₄	D=HNO ₃	E=DI Water	F=Methanol	G=NaOH
H=Sodium Bisulfate Solution	I=Sodium Thiosulfate	J=Other				

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)	Relinquished By: <i>Kerry Lass</i>	Date/Time: 6/5/20 2:00 pm	Received By:	Date/Time:	PACE Project No. 4009018
Date Needed:	Relinquished By: <i>Waltco</i>	Date/Time: 01 6/20 0835	Received By: <i>Ziel Wohlweck</i>	Date/Time: 01 6/20 0835	Receipt Temp = <i>R01</i> °C
Transmit Prelim Rush Results by (complete what you want):					Sample Receipt pH OK / Adjusted
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Cooler Custody Seal
Email #2:					Present / Not Present
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:	Intact / Not Intact
Fax:					
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Date/Time:	Received By:	Date/Time:	

Sample Preservation Receipt Form

Client Name: REI

Pace Analytical Services, LLC 32
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

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Project # 40209018

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/
Time:

Pace Lab #	Glass		Plastic		Vials		Jars		General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)									
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN
001																										2.5 / 5 / 10
002																										2.5 / 5 / 10
003																										2.5 / 5 / 10
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Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	



Document Name:	Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
Document No.:	ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: REI

Project #:

WO# : 40209018

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other:

Tracking #: 2458798-1



40209018

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Air bags

SRW
6/6/20

Thermometer Used SR - NA Type of Ice: Wet Blue Dry None

Cooler Temperature Uncorr: 20.5 /Corr:

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Samples on ice, cooling process has begun

Person examining contents:

Date: 6/6/20 Initials: EMW

Labeled By Initials: NP

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: - VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used: -Pace Containers Used: -Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. Dates of "5/29/20" on 1 vial for 008, 1 vial for d2, 1 vial for 016, 06 time "3:45" 011 time smudged unreadable 020 Read in ID is "Rd"
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. If checked, see attached form for additional comments <input type="checkbox"/>
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in

Route To: **Watershed/Wastewater** **Waste Management**
Remediation/Redevelopment **Other**

Page 1 of 1

Facility/Project Name Former Volk Service Station			License/Permit/Monitoring Number				Boring Number PZ4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Boring Drilled By: Name of crew chief (first, last) and Firm Keith Flowers - Giles Engineering Associates, Inc.			Date Drilling Started 05/19/2020		Date Drilling Completed 05/19/2020		Drilling Method Hollow Stem Auger																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Sample</th> <th colspan="4">Soil/ Rock Description And Geologic Origin For Each Major Unit</th> <th colspan="4">Soil Properties</th> <th rowspan="2">RQD/ Comments</th> </tr> <tr> <th>Number</th> <th>Type</th> <th>Length Att. & Recovered (in)</th> <th>Blow Counts</th> <th>Depth In Feet</th> <th>U.S.C.S.</th> <th>Graphic</th> <th>Well</th> <th>PID/FID</th> <th>Compressive Strength</th> <th>Moisture Content</th> <th>Liquid Limit</th> <th>Plasticity Index</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> 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<tr><td>32</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>33</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>34</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>35</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>36</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>37</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>38</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> 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<tr><td>53</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>54</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>55</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p style="text-align: center;">End of Boring @ 51 feet</p>										Sample		Soil/ Rock Description And Geologic Origin For Each Major Unit				Soil Properties				RQD/ Comments	Number	Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	U.S.C.S.	Graphic	Well	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	1													2													3													4													5													6													7													8													9													10													11													12													13													14													15													16													17													18													19													20													21													22													23													24													25													26													27													28													29													30													31													32													33													34													35													36													37													38													39													40													41													42													43													44													45													46													47													48													49													50													51													52													53													54													55												
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature **Firm** **REI Engineering, Inc.**
4080 North 20th Avenue, Wausau, WI

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

Route To: Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

Page 1 of 1

Facility/Project Name Former Volk Service Station			License/Permit/Monitoring Number			Boring Number PZ5						
Boring Drilled By: Name of crew chief (first, last) and Firm Keith Flowers - Giles Engineering Associates, Inc.			Date Drilling Started 05/20/2020		Date Drilling Completed 05/20/2020		Drilling Method Hollow Stem Auger					
WI Unique Well No.	DNR Well ID No.	Common Well Name PZ5	Final Static Water Level		Surface Elevation 0	Borehole Diameter 8.25"	'5					
Local Grid Origin <input type="checkbox"/> (estimated) <input type="checkbox"/> or Boring Location <input checked="" type="checkbox"/> State Plane SE 1/4, NW 1/4, Township 39N, Range 10E			Lat Long	Local Grid Location N <input type="checkbox"/> S <input type="checkbox"/>			E <input type="checkbox"/> W <input type="checkbox"/>					
Facility ID 03-44-555683		County Oneida	County Code 44		Civil Town/City/or Village Three Lakes							
Sample		Blow Counts	Depth In Feet	Soil/ Rock Description And Geologic Origin For Each Major Unit		U.S.C.S.	Graphic	Well	Soil Properties			RQD/ Comments
Number	Type			Length Att. & Recovered (in)	Compressive Strength				Moisture Content	Liquid Limit	Plasticity Index	
			1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	Blind Drilled to 51.5 feet								
				End of Boring @ 51.5 feet								

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

Signature 	Firm REI Engineering, Inc. 4080 North 20th Avenue, Wausau, WI
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Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to DNR Bureau:

Verification Only of Fill and Seal

- | | | |
|---|---|---|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment |
| <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | |

1. Well Location Information

County Oneida	WI Unique Well # of Removed Well	Hicap # MW3
----------------------	----------------------------------	--------------------

Latitude / Longitude (see instructions)		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
N	W		

1/4 SE or Gov't Lot #	1/4 NW	Section 24	Township 39	Range N	E W
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Well Street Address 8035 Hwy 32 & 45	Well ZIP Code 54562
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Well City, Village or Town Town of Three Lakes	Lot #
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Reason for Removal from Service Sampling complete	WI Unique Well # of Replacement Well _____
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<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 10/13/10
If a Well Construction Report is available, please attach.	

Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____

Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock

Total Well Depth From Ground Surface (ft.) 12.1	Casing Diameter (in.) 1.9
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Lower Drillhole Diameter (in.)	Casing Depth (ft.)
--------------------------------	--------------------

Was well annular space grouted?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
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If yes, to what depth (feet)?	Depth to Water (feet) 5.63
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5. Material Used to Fill Well / Drillhole	
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3/8" Holeplug Bentonite	From (ft.) Surface	To (ft.) 12.1	No. Yards, Sacks Sealant or Volume (circle one) .5 bags	Mix Ratio or Mud Weight
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6. Comments				
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Name of Person or Firm Doing Filling & Sealing Ken Lassa, REI Engineering, Inc.	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 6/4/20	DNR Use Only	
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Street or Route 4080 North 20th Avenue	Telephone Number (715) 675-9784	Comments
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City Wausau	State WI	ZIP Code 54401	Signature of Person Doing Work <i>Ken Lassa</i>	Date Signed 6/5/20
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Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater
 Waste Management Other: _____

Remediation/Redevelopment

1. Well Location Information

County Oneida	WI Unique Well # of Removed Well	Hicap # MW12	2. Facility / Owner Information		
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Latitude / Longitude (see instructions)		Format Code N	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility Name Former Volk Service		
		W		Facility ID (FID or PWS) 744089830		
				License/Permit/Monitoring #		

1/4 SE or Gov't Lot #	1/4 NW	Section 24	Township 39	Range N 10	E	Original Well Owner
					W	

Well Street Address 8035 Hwy 32 & 45						Present Well Owner Todd Stebbeds
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Well City, Village or Town Town of Three Lakes		Well ZIP Code 54562	Mailing Address of Present Owner 8035 Hwy 32 & 45			City of Present Owner Three Lakes	State WI	ZIP Code 54562
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Reason for Removal from Service Sampling complete	WI Unique Well # of Replacement Well _____	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
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3. Filled & Sealed Well / Drillhole / Borehole Information	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
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<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 8/28/19	Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
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<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.	Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
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<input type="checkbox"/> Borehole / Drillhole	Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
---	---

Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug	Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
---	---

<input type="checkbox"/> Other (specify): _____	Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
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Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
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Total Well Depth From Ground Surface (ft.) 14.5	Casing Diameter (in.) 1.9	If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
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Lower Drillhole Diameter (in.)	Casing Depth (ft.)	If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
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Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped
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If yes, to what depth (feet)? 3.71	<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
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5. Material Used to Fill Well / Drillhole	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete
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3/8" Holeplug Bentonite	<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips
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	For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout
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	<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry
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From (ft.) Surface	To (ft.) 14.5	No. Yards, Sacks Sealant or Volume (circle one) .5 bags	Mix Ratio or Mud Weight
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6. Comments			
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7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing Ken Lassa, REI Engineering, Inc.	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 6/4/20	Date Received	Noted By
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Street or Route 4080 North 20th Avenue	Telephone Number (715) 675-9784	Comments
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City Wausau	State WI	ZIP Code 54401	Signature of Person Doing Work <i>Ken Lassa</i>	Date Signed 6/5/20
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Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water
 Waste Management

- Watershed/Wastewater
 Other:

- Remediation/Redevelopment

1. Well Location Information

County Oneida	WI Unique Well # of Removed Well	Hicap # MW13
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Latitude / Longitude (see instructions)		Format Code N DD	Method Code GPS008 SCR002 OTH001
		W DDM	

1/4 SE or Gov't Lot #	1/4 NW	Section 24	Township 39 N	Range 10 E	W
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Well Street Address 8035 Hwy 32 & 45	Well ZIP Code 54562
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Well City, Village or Town Town of Three Lakes	Lot #
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Subdivision Name	Lot #
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Reason for Removal from Service Sampling complete	WI Unique Well # of Replacement Well
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<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 11/20/19
If a Well Construction Report is available, please attach.	

Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____

Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock

Total Well Depth From Ground Surface (ft.) 13	Casing Diameter (in.) 1.9
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Lower Drillhole Diameter (in.)	Casing Depth (ft.)
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Was well annular space grouted?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
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If yes, to what depth (feet)?	Depth to Water (feet) 1.15
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5. Material Used to Fill Well / Drillhole	
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3/8" Holeplug Bentonite

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2. Facility / Owner Information

Facility Name Former Volk Service

Facility ID (FID or PWS) 744089830

License/Permit/Monitoring #

Original Well Owner

Present Well Owner Todd Stebbeds

Mailing Address of Present Owner 8035 Hwy 32 & 45
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City of Present Owner Three Lakes

State WI	ZIP Code 54562
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4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
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Liner(s) removed?	<input type="checkbox"/>
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Liner(s) perforated?	<input type="checkbox"/>
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Screen removed?	<input type="checkbox"/>
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Casing left in place?	<input type="checkbox"/>
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Was casing cut off below surface?	<input checked="" type="checkbox"/>
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Did sealing material rise to surface?	<input checked="" type="checkbox"/>
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Did material settle after 24 hours?	<input type="checkbox"/>
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If yes, was hole retopped?	<input type="checkbox"/>
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If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/>
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Required Method of Placing Sealing Material

<input type="checkbox"/> Conductor Pipe-Gravity <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Other (Explain): _____
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Sealing Materials

<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips
---	--

For Monitoring Wells and Monitoring Well Boreholes Only:	
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<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
---	---

<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry
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From (ft.) Surface	To (ft.) 13	No. Yards, Sacks Sealant or Volume (circle one) .5 bags	Mix Ratio or Mud Weight
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6. Comments

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7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing Ken Lassa, REI Engineering, Inc.	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 6/4/20	Date Received	Noted By
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Street or Route 4080 North 20th Avenue	Telephone Number (715) 675-9784	Comments
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DNR Use Only

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

Verification Only of Fill and Seal

Route to DNR Bureau:

- | | |
|---|---|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater |
| <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ |

- Remediation/Redevelopment

1. Well Location Information

County Oneida	WI Unique Well # of Removed Well	Hicap # PZ2
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Latitude / Longitude (see instructions)		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
		N W	

¼ / ¼ SE or Gov't Lot #	¼ NW	Section 24	Township 39	Range N 10	E <input checked="" type="checkbox"/> W
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Well Street Address 8035 Hwy 32 & 45	Well City, Village or Town Town of Three Lakes	Well ZIP Code 54562
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Reason for Removal from Service Sampling complete	WI Unique Well # of Replacement Well _____
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3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 8/28/19
If a Well Construction Report is available, please attach.	

Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____

Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock

Total Well Depth From Ground Surface (ft.) 27	Casing Diameter (in.) 1.9
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Lower Drillhole Diameter (in.)	Casing Depth (ft.)
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Was well annular space grouted?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
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If yes, to what depth (feet)?	Depth to Water (feet) 3.49
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5. Material Used to Fill Well / Drillhole	
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3/8" Holeplug Bentonite

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing Ken Lassa, REI Engineering, Inc.	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 6/4/20
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Street or Route 4080 North 20th Avenue	Telephone Number (715) 675-9784	Comments
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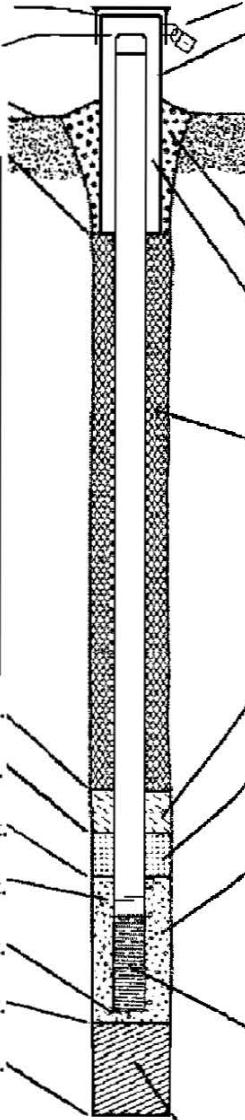
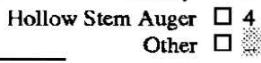
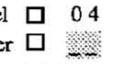
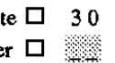
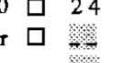
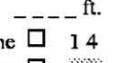
City Wausau	State WI	ZIP Code 54401	Signature of Person Doing Work <i>Ken Lassa</i>
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DNR Use Only

Date Received	Noted By
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	Date Signed 6/5/20
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Facility/Project Name		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or St. Plane _____ ft. N., _____ ft. E. S/C/N	Wis. Unique Well No. DNR Well ID No. _____ / _____
Facility ID		Section Location of Waste/Source 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. <input type="checkbox"/> E <input type="checkbox"/> W	Date Well Installed m m d d / y y y y
Type of Well Well Code _____ / Distance from Waste/ Source _____ ft. Enf. Stds. Apply <input type="checkbox"/>		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____
<p>A. Protective pipe, top elevation _____ ft. MSL </p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <p>12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> <input type="checkbox"/> Bedrock</p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14. Drilling method used: <input type="checkbox"/> Rotary <input type="checkbox"/> 50 <input type="checkbox"/> Hollow Stem Auger <input type="checkbox"/> 41 <input type="checkbox"/> Other </p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____ _____</p> <p>E. Bentonite seal, top _____ ft. MSL or _____ ft.</p> <p>F. Fine sand, top _____ ft. MSL or _____ ft.</p> <p>G. Filter pack, top _____ ft. MSL or _____ ft.</p> <p>H. Screen joint, top _____ ft. MSL or _____ ft.</p> <p>I. Well bottom _____ ft. MSL or _____ ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or _____ ft.</p> <p>K. Borehole, bottom _____ ft. MSL or _____ ft.</p> <p>L. Borehole, diameter _____ in.</p> <p>M. O.D. well casing _____ in.</p> <p>N. I.D. well casing _____ in.</p>			
<p>1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 0 4 Other </p> <p>d. Additional protection? If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input type="checkbox"/> 0 1 Other </p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 3 0 Other </p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft³ volume added for any of the above</p> <p>f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2 c. _____ Other </p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other </p> <p>10. Screen material: a. Screen type: Factory cut <input type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other  b. Manufacturer _____ c. Slot size: _____ in. d. Slotted length: _____ ft.</p> <p>11. Backfill material (below filter pack): None <input type="checkbox"/> 1 4 Other </p>			

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

Signature _____ Firm _____

Facility/Project Name		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or St. Plane _____ ft. N., _____ ft. E. S/C/N	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID		Date Well Installed 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. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm _____
Distance from Waste/ Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____
<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Other <input type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p>			
E. Bentonite seal, top _____ ft. MSL or _____ ft.	<p>1. Cap and lock? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: Steel <input type="checkbox"/> 0 4 Other <input type="checkbox"/> </p> <p>d. Additional protection? If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3 0 Concrete <input type="checkbox"/> 0 1 Other <input type="checkbox"/> </p> <p>4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 3 0 Other <input type="checkbox"/> </p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 3 3 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 3 5 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 3 1 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 5 0 e. _____ Ft³ volume added for any of the above</p> <p>f. How installed: Tremie <input type="checkbox"/> 0 1 Tremie pumped <input type="checkbox"/> 0 2 Gravity <input type="checkbox"/> 0 8</p> <p>6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 3 3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3 2 c. _____ Other <input type="checkbox"/> </p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input type="checkbox"/> 2 3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2 4 Other <input type="checkbox"/> </p> <p>10. Screen material: a. Screen type: Factory cut <input type="checkbox"/> 1 1 Continuous slot <input type="checkbox"/> 0 1 Other <input type="checkbox"/> b. Manufacturer _____ c. Slot size: _____ in. d. Slotted length: _____ ft.</p> <p>11. Backfill material (below filter pack): None <input type="checkbox"/> 1 4 Other <input type="checkbox"/> </p>		

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

Signature

Firm

Facility/Project Name		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or St. Plane _____ ft. N., _____ ft. E. S/C/N	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID		Date Well Installed 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. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm _____
Distance from Waste/ Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____
<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or _____ ft.</p> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis performed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input type="checkbox"/> 41 Other <input type="checkbox"/></p> <p>15. Drilling fluid used: Water <input type="checkbox"/> 0 2 Air <input type="checkbox"/> 0 1 Drilling Mud <input type="checkbox"/> 0 3 None <input type="checkbox"/> 9 9</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p>			
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Signature

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Facility/Project Name		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or St. Plane _____ ft. N., _____ ft. E. S/C/N	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID		Date Well Installed 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. <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm _____
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