Meridian Environmental Consulting, LLC

May 7, 2012

Pat Collins Wisconsin Department of Natural Resources 890 Spruce St. Baldwin, Wisconsin 54002

RECEIVED MAY 0 8 2012 ERS DIVISION

Subject: Progress Report and Change Order Corner Store 100 Tonnar St (Hwy. 25) Ridgeland, Wisconsin BRRTS No. 03-17-223007 Commerce No. 54763-9623-02 Meridian No. 05F761

Dear Pat:

This letter provides the results of Investigation and Remediation work completed at the Corner Store in Ridgeland, Wisconsin during the past year.

The following work was completed:

• A remedial excavation was completed in May 2011. The excavation removed approximately 559 tons of impacted soil from the former tank and pump island area.

• The underground storage tank system was also removed when the remedial excavation was completed.

• Five monitoring wells (MW-2R, MW-5, MW-6, MW-7, MW-8, PZ-1) were installed May 31, 2011.

• The wells were sampled twice (June 9 and September 28, 2011).

- Adjacent potable wells were sampled twice
- Preparation of this report

Based on the results of this work, we recommend three more rounds of sampling. If the results are favorable, the site will be submitted for Closure with GIS Registry for Soil and Ground Water.

BACKGROUND INFORMATION

The reader is referred to file reports for a detailed description of the site and previous work. A brief summary is provided below.

Site Description

The site is a small gasoline/convenience store located at 100 Tonnar Street (Highway 25) on the south edge of Ridgeland, Wisconsin (Figure 1)(Dunn County). The Village of Ridgeland is a small agricultural community located near the border of Dunn County and Barron County on Highway 25.

The site is approximately ½ acre with one building constructed on a cement slab (Figure 2). The property formerly operated as a gasoline station/convenience store for over 30 (?) years until 2010. The business is currently closed and the building is unoccupied.

The underground storage tank system was removed in May 2011 (see TSSA report in Appendix A). The system consisted of a 4,000 gallon gasoline tank and one pump island. The 4,000 gallon tank was installed in 1999 when two 1000 gallon gasoline storage tanks were removed. Petroleum impacts were observed when the former tanks were removed and the DNR was notified in 1999.

Site Investigation

The Site Investigation was documented in the report titled <u>Soil and Ground Water Investigation</u> <u>Report with Change Order</u> dated February 22, 2011. The Site Investigation involved the installation of soil borings and monitoring wells (MW-1, MW-2, MW-3, MW-4, TMW-1) in June 2010 (Figure 3). The wells were sampled twice (June 22 and September 21, 2010). Petroleum impacts were measured in MW-2 (free product), MW-3, MW-4, and TMW-1.

Impacted soil was defined in the former pump island area. Based on the results of the soil sample data, a remedial excavation was recommended.

RECENT WORK

Remedial Excavation

A remedial excavation of the petroleum impacted soil was conducted May 24 & 25, 2011. Approximately 559 tons of impacted soil were removed and disposed at the Veolia landfill near Eau Claire, Wisconsin. The excavation was approximately 8 - 10 feet deep and extended into the water table thereby removing the impacted "smear zone".

The excavation boundaries were determined by the building along the south edge, fiber optic telephone lines along the north edge, and clean soils along the western and southern edge. Ground water was encountered in the tank basin.

Confirmation samples were collected around the perimeter of the excavation (Figure 4). The analytical report is provided in Appendix B and summarized in Table 1.

Monitoring well MW-2 was destroyed during the excavation. The well was abandoned prior to the excavation and the well abandonment form is provided in Appendix C.

Removal of Petroleum System (tank, piping, dispensers)

The underground storage tank, piping, and dispensers were removed before the excavation. The Tank System Site Assessment report is provided in Appendix A. The storage tank was in good shape and no leaks were observed in the piping or dispensers.

A soil boring (SB-11) was installed in the former tank basin where the two former tanks were. The soil boring log is provided in Appendix C. Soil samples were collected and screened with a PID. A soil sample was collected and analyzed for PVOC+Naphthalene. The analytical report is provided in Appendix C and summarized in Table 1.

No significant petroleum impacts were observed in the former tank basin.

Monitoring Wells

Five monitoring wells (MW-2R, MW-5, MW-6, MW-7, MW-8, PZ-1) were installed May 31, 2011 in the locations shown in Figure 3. The soil boring logs and monitoring well forms are provided in Appendix C.

The monitoring well elevations and locations were surveyed relative to a local reference.

Ground Water Sampling

The monitoring wells were sampled twice (June 9 and September 28, 2011). The analytical reports are provided in Appendix B and summarized in Table 2.

The water levels were measured in the monitoring wells (Table 3).

Potable Well Sampling

Several potable wells near the site were sampled including the Rosen residence, Amundson residence, Crosby – Nelson office, and the well in the park (Figure 2). Access to the site water supply was not available because the business is closed and the power is turned off.

The results of this sampling are provided in Appendix B and summarized in Table 2.

DATA EVALUATION

Hydrogeology

The landscape around Ridgeland is agricultural with ridges and valleys. Regional drainage is to the north into the South Fork of Lower Pine Creek. The site itself is relatively flat with local surface drainage in a northerly direction.

The site geology consists of 30 to 45 feet of fine to medium, well-sorted sand overlying sandstone bedrock (Figure 5). Based on well records from a nearby well (Sanna Dairies Well: Appendix D), the sandstone bedrock is the Eau Claire Formation (Cambrian) overlying Mt. Simon Formation (Cambrian). The onsite well log (Appendix D) documents "sand and gravel" at 25 feet

below grade. The "sand and gravel" may represent competent sandstone bedrock (Eau Claire Formation) although PZ-1 did not encounter bedrock at 30 feet.

Ground water is typically quite shallow (within 10 feet of grade) across the Village. The Village does not have a public water supply so residents utilize the shallow ground water for water supply. Many of the private wells are less than 50 feet deep. Sand points are still used in some houses (e.g., Amundsen house directly north of site).

The ground water level measurements indicate ground water flow is northwesterly (Figures 6 and 7) with a horizontal gradient of approximately .018.

There appears to be a slight, downward vertical gradient beneath the site based on the water levels measured in MW-6 and PZ-1. More measurements are needed to confirm this gradient.

Extent of Impacted Soil

The extent of impacted soil was defined with the soil borings and excavation confirmation samples. Some residual impacted soil remains around the perimeter of the excavation. The concentrations are minor and do not warrant further investigation or remediation.

The capillary fringe beneath the telephone lines along the north edge of the property (Figure 2) is impacted and will likely affect the ground water quality. However, the concentrations should decrease over time.

We do not recommend any further work with respect to soil contamination.

Extent of Impacted Ground Water

The extent of impacted ground water is generally defined horizontally and vertically. A plume of impacted ground water extends northwesterly across the street (Figure 8). The impacted ground water does not appear to extend to depth based on samples from PZ-1 and the Amundson water supply.

The primary concern of this plume is its potential to impact the drinking water well at the Amundson residence. Although the sampling data from the Amundson residence indicates the well is not impacted, its location relative to the contaminant plume is of concern. The well is reportedly a sand point. More information regarding the well construction should be obtained the next time we sample. The exact location in the basement of the house should be verified and the well construction (depth) confirmed. The owner (Mrs. Amundson) is concerned about the potential impact to her water supply and is cooperative.

Vapor Intrusion

The DNR published <u>Addressing Vapor Intrusion at Remediation & Redevelopment Sites in</u> <u>Wisconsin</u> in December 2010. This guidance suggests that vapor intrusion is not a concern if there is "5 feet of clean, unsaturated soil with an oxygen content \geq 5% between the residual petroleum and the building". In addition, the guidance suggests that vapor intrusion should be investigated if "benzene concentration in ground water underlying a building is > 1000 ppb and there is less than 20 feet of unsaturated soil between the ground water and the building foundation".

There are two buildings that were evaluated using these criteria: the site building and the Amundson residence.

The site building is of steel construction sitting on a cement slab. According to the confirmation samples (Table 1), there is impacted soil within 5 feet of the onsite building. The concentrations are below NR720 and NR746 Table Values. No petroleum odors have been detected in the building. In our opinion, the concentrations in the soil are low enough so that vapor intrusion is not of concern.

The Amundson residence has a basement (depth below grade is unknown). The basement is concrete. Although soil data adjacent to the house is not available, it is reasonable to conclude the house is greater than 5 feet away from contaminated soil.

There may be benzene impacted ground water beneath the house and within 5 feet of the basement floor. However, the concentrations in MW-6 indicate benzene is well below the 1000 ppb criteria noted in the guidance.

Although there does not appear to be vapor intrusion concerns at the Amundson house, we recommend the house be inspected for vapor intrusion. We will interview the resident (Mrs. Amundson). The basement floor and house foundation will be inspected for cracks and sumps.

CONCLUSIONS

Based on the available data, we have the following conclusions:

- The petroleum system has been removed from the site.
- The extent of impacted soil has been defined and adequately remediated. The remedial excavation successfully removed source soils from the site. Residual petroleum impacts remain around the perimeter of the excavation and at the capillary fringe.
- The vertical and horizontal extent of impacted ground water is defined adequately.
- None of the private well samples had petroleum impacts. The Admundson residence has a private well downgradient of the site and near the contaminant plume.

RECOMMENDATIONS

We recommend the monitoring wells and private wells be sampled three more times (quarterly). The samples will be analyzed for PVOC+Naphthalene.

The well construction and exact location of the Admundson well should be verified.

A Vapor Intrusion inspection should be conducted in the Amundson house. We will interview the owner occupant (Mrs. Amundson) and inspect the basement. The basement construction will be determined (i.e., construction materials, depth below grade, presence of sump, etc.).

A report documenting the above work will be prepared. The site will be evaluated for Closure with GIS Registry for Soil and Ground Water.

COST ESTIMATE

Attached is a cost estimate for the proposed work using the current U&C Cost Schedule.

Please contact us with any comments or questions.

Sincerely, MERIDIAN ENVIRONMENTAL CONSULTING, LLC

Kenneth Shimles, PG

Project Manager

C: Brad Shipley – current site owner Tim Zeichert – Commerce

CHANGE ORDER

Usual & Customary Standardized Invoice

PECFA #:	54763-9623-02	Vendor Name:	Change Order
BRRT's #:	03-17-223007	Invoice #:	Change Order
Site Name:	Corner Store	Invoice Date:	May 2012
Site Address:	Ridgeland	Check #:	Change Order

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.].

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٦		art Sin Press					andre al de la la construir de	GROUNDWATER SAMPLING	1
00	2,898.00	\$	69.00	\$	42.00	\$69.00	WELL	Sample Collection	GS05
	<u> </u>	\$	-	\$		\$45.40	WELL	Incremental Sample Collection (natural attentuation)	GS10
	<u> </u>	\$	-	\$		\$25.00	WELL	Incremental Sample Collection (cadmium & lead)	GS15
_		\$	-	\$		\$14.00	WELL	Measure Water Levels (for wells not being sampled)	GS20
60	\$ 1,794.60	\$	598.20	\$	3.00	\$598.20	SITE	Primary Mob/Demob	GS25
_	<u> </u>	\$	-	\$		\$25.70	WELL	Temp Well Abandonment	GS30
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-		Γ		T				CONSULTANT SERVICES	
60	\$ 130.60	\$	130.60	\$	1.00	\$130.60	SITE	Consultant Coordination	WD05
								COMMODITY SERVICES	
20	\$ 80.20	\$	40.10	\$	2.00	\$40.10	DRUM	Groundwater Sample and/or Purge	WD10
	6 -	\$	-	\$		\$103.00	DRUM	Drill Cuttings	WD15
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Effective Schedule Date: January 2012 to June 2012--Schedule #11

MATRIX	ANALYTE REFERENCE CODE	REIMBURSABLE ANALYTE	UNITS	MAXIMUM REIMBURSABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED TASK 33	АМС	OUNT CLAIMED	TASK
	A1	Benzene	SAMPLE	\$42.80		s -	\$ -]		
AIR	A2	BETX	SAMPLE	\$47.10		s -	s -]		
	<u>A3</u>	GRO	SAMPLE	\$43,90		<u>s</u> -	s -	1		
	A4	VOC's	SAMPLE	\$68.50		ş .	\$ -	J		
	W1	GRO/PVOC	SAMPLE	\$27.80		\$-	\$.			
	W2	PVOC	SAMPLE	\$25.70		\$ -	\$			
	W3	PVOC + 1,2 DCA	SAMPLE	\$41.70		<u>s</u> -	<u>s</u>	1		
	W4	PVOC + Naphthalene	SAMPLE	\$28.90	42	\$ 28.90	\$ 1,213.80			
	W5		SAMPLE	\$68.50 \$69.50		<u>s</u> -	\$ -	ł		
	W6 W7	Lead	SAMPLE	\$11.80		<u>s</u>	<u>s</u>	{		
	W8	Cadmium	SAMPLE	\$12.90		<u>\$</u> . S.	s - s -	1		
	W9	Hardness	SAMPLE	\$11.80		s -	\$ -			
ĸ	W10	BOD, Total	SAMPLE	\$22.50		\$	\$ -			
WATER	W11	Nitrate	SAMPLE	\$10.70		\$ -	\$			
3	W12	Total Kjeldahl	SAMPLE	\$19.30		\$.	\$			
	W13	Ammonia	SAMPLE	\$16.10		\$.	\$ -			
	W14	Sulfate	SAMPLE	\$9.70		\$ -	\$			
	W15	iron	SAMPLE	\$9.70		s -	s -			
	W16	Manganese	SAMPLE	\$9.70		\$	\$			
ŀ	W17	Alkalinity	SAMPLE	\$9.70		\$	<u>s</u>	1		
	W18	Methane Phosphorous	SAMPLE	\$43.90 \$17.20		\$	s -			
ł	W19 W20	VOC Method 524.2	SAMPLE	\$17.20		\$	s -			
ł		EDB Method 504	SAMPLE	\$90.90		<u>s</u> .	\$ \$	UNITS	UNIT COST CLAWED	UNIT
		GRO		\$23.60		<u> </u>		1		
ŀ	<u>\$1</u> \$2	DRO	SAMPLE	\$28.90		<u>s</u>	\$ \$	-+	\$0.00 \$0.00	r—
ł	52 S3	GRO/PVOC	SAMPLE	\$26.80		s -	s -	-	\$0.00	
ľ	<u>54</u>	PVOC	SAMPLE	\$24.60		s -	\$ -	-+	\$0.00	
ŀ	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$47.10		s -	\$ -		\$0.00	
	<u>S6</u>	PVOC + Naphthalene	SAMPLE	\$34,30		s -	\$-		\$0.00	\$34
L	<u>\$7</u>	VOC	SAMPLE	\$68.50 7		\$	\$		\$0.00	\$68
Ĺ	S8	SPLP Extraction VOC only	SAMPLE	\$48.20		s .	s -		\$0.00	\$48
L	<u>59</u>	PAH	SAMPLE	\$69.50		\$	s -		\$0.00	\$69
Ļ	S10	Lead	SAMPLE	\$11.80		s -	<u>s</u>		\$0.00	\$11.
Ļ	S11	Cadmium	SAMPLE	\$13.90		ş -	\$			
H	<u>\$12</u>	Free Liquid	SAMPLE	\$10.70		\$.	\$			
v,	<u>S13</u>	Flash Point Grain Size - dry	SAMPLE	\$24.60 \$40.70		\$	<u>s</u> - s-			
SOILS	<u>S14</u>	Grain Size - wet	SAMPLE SAMPLE	\$54.60		s - s -	s -			
-	<u>S15</u> S16	Bulk Density	SAMPLE	\$12.90		s -	\$ -			
-	S17	Permeability	SAMPLE	\$39.60		s -	\$ -			
	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$19.30		s -	\$ -			
ſ	S19	Nitrogen as Ammonia	SAMPLE	\$16.10		s -	\$-			
	S20	% Organic Matter	SAMPLE	\$27.80		\$ -	\$			
Ĺ	S21	TOC as NPOC	SAMPLE	\$54.60		s -	\$			
Ļ	<u>\$22</u>	Soil Moisture Content	SAMPLE	\$6.50		\$ -	\$			
F	S23	Air Filled Porosity	SAMPLE	\$24.60		<u>s</u>	<u>s</u>			
F	S24	% Total Solids	SAMPLE	\$6.50		<u>s</u>	<u>\$</u>			
F	S25	Field Capacity	SAMPLE	\$26.80 \$79.20		s - s -	<u>s</u> - s-			
⊢	S26	TCLP Lead Cation Exchange (Ca, MG, & K)	SAMPLE SAMPLE	\$25.70		s -	s -		i	
ŀ	S27 S28	TCLP Cadmium	SAMPLE	\$79.20		s -	s, -			
F	520 S29	TCLP Benzene	SAMPLE	\$79.20		s -	\$			
	F	Viscosity	SAMPLE							
	/-	Density Interfacial tension I (LNAPL/water	SAMPLE				l			
Suite Suite	LFPS01	[dyne/cm])	SAMPLE	\$534.60		s -	\$ -			
		Interfacial tension II (LNAPL/air [dyne/cm])	SAMPLE							
	F	Interfacial tension III (water/air)	SAMPLE							
		(dyne/cm])		SK 33 TOTAL		1.213.80				
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TABLES

Table 1: Soil Sample Analytical Results Corner Store Ridgeland, Wi Meridian No. 05F761

Tank Closure Assessment Soil Samples (collected May 1999)

Sample	Depth (ft)	GRO
Gample	Depth (it)	(mg/kg)
P1	3	5130
P2	3	45.3
T1	6	ND
T2	6	ND
T3	6	ND
T4	6	ND

100 Concentration exceeds Regulatory Standard

Samples Collected by Cedar Corp (October 2007) (see previous reports)

Sample	Depth (ft)	Units	Benzene	Ethyl Benzene	MTBE	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
P3	4-5	mg/kg	120	190	<2.7	730	350	99	980
P3	7	mg/kg	12	40	<.55	110	100	28	220
1	ground								
P3	water	ug/l	1900	500	<9.2	3200	430	120	2700

Soil Samples Collected June 2010

Sample	Depth (ft)	1,2,4-TMB	1,3,5-TMB	Total TMBs	Benzene	Ethyl benzene	m,p- Xylenes	o- xylenes	Total Xylenes	MTBE	Naph thalene	Toluéne
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	rng/kg	mg/kg	mg/kg	mg/kg
											1	
MW-1	3	< 0.014	<0.019	< 0.019	0.14	0.056	0.158	< 0.017	0.158	< 0.012	< 0.019	0.295
MW-2	4	380	134	514	57.8	159	662	261	923	<2.30	44.6	689
MW-3	3	<0.014	<0.019	< 0.019	<0.017	<0.019	< 0.022	<0.017	<0.022	< 0.012	<0.019	<0.018
SB-4	3	< 0.014	<0.020	<0.020	<0.018	<0.020	< 0.023	<0.018	<0.023	< 0.012	<0.020	0.115
SB-5	3	91.7	34	125.7	3.08	32.6	117	48.9	165.9	<0.119	19.8	45.4
SB-6	3	279	98	377	29.8	107	434	175	609	<1.18	33.4	266
SB-8	3	< 0.014	<0.019	< 0.019	0.223	0.076	0.201	0.071	0.272	< 0.012	< 0.019	0.44
SB-9/MW-4	3	< 0.013	<0.018	< 0.018	<0.016	<0.018	< 0.021	< 0.016	< 0.021	< 0.011	< 0.018	<0.017
SB-10	3	0.078	0.057	0.135	0.389	0.147	0.448	0.133	0.581	< 0.011	< 0.019	1.19

Excavation Confirmation Samples (collected 5/24/11)

Sample	Depth	Location	1,2,4-TMB	1,3,5-ТМЕ	Total TMBs	Benzene	Ethyl benzene	m,p- Xylenes	o-xylenes	Total Xylenes	MTBE	Toluene	Naphthalene	GRO
Units	ft	1	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
T-S-W	5	south west corner tank basin	0.277	0.127	0.404	0.091	0.122	0.378	0.207	0.585	<.024	0.384	NA	5.6
T-N-E	5	northeast corner tank basin	0.103	0.055	0.158	0.066	0.094	0.282	0.12	0.402	<.026	0.282	NA	<5.52
T-S-E	5	southeast corner tank basin	0.312	0.153	0.465	0.11	0.159	0.491	0.274	0.765	<.024	0.522	NA	7.71
T-N-W	5	nortinwest corner tank basin	0.072	<.02	0.072	0.074	0.076	0.214	0.094	0.308	<.026	0.212	NA	<5.42
T-W	5	west wali tank basin	0.126	0.056	0.182	0.061	0.09	0.3	0.137	0.437	<.024	0.291	NA	<5.1
T-E	5	east wall tank basin	0.146	0.065	0,211	0.076	0.112	0.368	0.163	0.531	<.027	0.374	NA	<5.52
P.I	2	below pump island	9.24	3.56	12.8	<.08	1.54	5.94	2.39	8.33	<.12	1.28	NA	213
Piping	2	below piping	<.013	<.018	<.018	<.016	<.018	0.108	<.016	0.108	<.024	0.056	NA	<5
N-E	3	north wall - east 1/2 - excavation	0.483	0.158	0.641	0.131	0.107	0.354	0.197	0.551	<.026	0.187	0.373	NA
N-W	3	north wall - west 1/2 - excavation	0.415	0.155	0.57	0.157	0.138	0.431	0.231	0.662	<.03	0.135	0.153	NA
S-E	3	south wall - east 1/2 - excavation	0.062	<.021	0.062	<.018	<.021	0.145	<.018	0.145	<.027	0.104	<.021	NA
S-W	3	south wall - west 1/2 - excavation	<.014	<.019	<.019	<.017	<.019	0.121	<.017	0.121	<.026	0.085	<.019	NA
W-S	3	west wall + south 1/2 - excavation	<.014	<.019	<.019	<.017	<.019	0.127	<.017	0.127	<.026	0.098	<.019	NA
W-N	3	west wall - north 1/2 - excavation	<.015	<.021	<.021	<.018	<.021	0.126	<.018	0.126	<.028	0.089	<.021	NA
E-N	3	east wall - north 1/2 - excavation	0.097	0.071	0.168	<.016	<.018	0.123	<.016	0,123	<.024	0.07	0.103	NA
E-S	· 3	east wall - south 1/2 - excavation	<.013	<.025	<.025	<.016	<.018	0.105	<.016	0.105	<.024	0,064	<.018	NA
Old Tank 4-6' (SB-11)	4-6	former tank basin	0,096	0.152	0.248	<.016	<.018	0.167	0.09	0.257	<.024	0.084	0.073	NA

Soil Standards							
NR720 mg/kg			0.0055	2.9	4.1		
NR746 Table 1 mg/kg	83	11	_8.5	4.6	 42	2.7	38
NR746 Table 2 mg/kg			1.1				

Table 2: Ground Water Analytical Results Corner Store

Ridgeland, WI Meridian No. 05F761

Total 1,2,4 TMB 1,3,5 TMB TMB's Benzene Ethylbenzene m,p-Xylenes o-Xylenes Total Xylenes Naphthalene Toluene Well Date (µ/L) (µ/L) (µ/L) (µ/L) (μ/L) (μ/L) (μ/L) (μ/Ĺ) MTBE (µ/L (µ/L) (μ/L) **NR 140 PAL** 96 0.5 140 1000 12 10 200 1000 **NR 140 ES** 5 480 700 10000 60 100 MW-1 6/22/2010 <.2 <.2 <.77 <.2 <.2 <.2 <.2 < 4 <.4 <.5 <1.0 <.4 9/21/2010 <.4 <.44 < 44 < 77 <.31 <.5 <.62 <.3 <.8 <.37 6/9/2011 0.801 < 44 0.801 <.31 <.5 1.03 <.77 1.03 <.3 <.8 <.37 9/28/2011 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 <.3 <.8 <.37 MW-2 6/22/2010 5740 1460 7200 19000 19100 8110 32700 4730 27210 <50 1270 73400 9/21/2010 23500 7360 30860 41800 96400 14100 23000 910 5770 99600 MW-2R 6/9/2011 903 290 1193 1530 3330 765 1540 4870 <15 199 5260 9/28/2011 1110 12.9 53.2 343 466 1576 1260 1070 1970 1982.9 70.5 MW-3 6/22/2010 42.1 15.4 57.5 601 89.2 45.8 11.1 56.9 <.5 14.5 9.17 872 9/21/2010 62.2 8.13 70.33 2.22 13 87 78.2 61.8 140 29 6/9/2011 240 71.7 311.7 3270 445 520 293 813 127 255 <15 9/28/2011 79.6 1860 373 452.6 404 525 248 773 <3 104 39.2 MW-4 6/22/2010 <.2 <.2 <.5 <.2 <.2 <.2 <.4 <.2 <.4 <1.0 <.4 9/21/2010 <.4 <.44 <.44 <.5 <.77 <.77 <.3 <.37 <.31 <.62 <.8 6/9/2011 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 <.3 <.8 <.37 9/28/2011 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 <.3 <.8 <.37 MW-5 6/9/2011 < 8 < 4 < 44 < 44 <.31 <.5 <.62 <.77 <.77 < 3 <.37 9/28/2011 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 <.3 <.8 <.37 MW-6 6/9/2011 23.7 <.4 <.44 <.44 <.5 <.62 <.77 < 77 <.3 <.8 < 37 40.8 0.552 9/28/2011 <.4 <.44 < 44 1.9 <.62 1.08 1.08 <.3 <.8 MW-7 <.37 6/9/2011 < 4 < 44 < 44 <.62 <.77 <.77 <.3 <.8 <.31 < 5 9/28/2011 <.3 <.8 <.37 < 4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 MW-8 6/9/2011 <.44 <.77 <.8 <.37 < 4 < 44 < 31 < 5 < 62 <.77 <.3 <.8 <.37 9/28/2011 <.44 <.31 <.77 <.3 <.4 <.44 <.5 <.62 <.77 PZ-1 6/9/2011 <.77 <.8 <.37 <.4 <.44 <.44 <.31 <.62 <.77 <.3 <.5 9/28/2011 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 <.3 <.8 <.37 TMW 6/22/2010 6.35 1.54 7.89 229 0.93 3.11 4.77 7.88 <.5 7.06 0.72 J 9/21/2010 <.44 3.64 <.31 <.5 <.62 0.814 0.814 <.3 <.8 <.37 <.4 2.74 <2.2 421 <3.1 9.42 <1.5 <10 5.95 6/9/2011 2.74 30.1 9.42 10.7 4.54 83.7 6.3 17 2.03 2.42 2.8 9/28/2011 1.26 <.44 <.5 <.8 Store 8/6/2010 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 <,3 <.37 < 77 < 8 < 37 Amundson 6/9/2011 <.4 <.44 <.44 <.31 <.5 <.62 < 77 <.3 <.37 9/28/2011 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 <.3 <.8 <.3 Rosen 6/9/2011 <.4 <.44 < 44 <.31 <.5 <.62 <.77 <.77 <.8 <.37 <.8 <.37 9/28/2011 <.4 <.44 <.44 <.31 <.5 <.62 <.77 <.77 < 3 <.31 <.62 <.77 <.77 <.3 <.8 <.37 Crosby-Nelson 6/9/2011 < 4 <.44 <.44 <.5 <.8 <.37 <.77 <.77 <.3 <.31 <.5 9/28/2011 <.4 <.44 <.44 <.62 <.5 <.62 <.77 <.77 <.3 <.8 <.37 6/9/2011 <.44 <.44 <.31 Park <.4

Notes:

PAL

ES

NS

No Standard ND Non Detect

Bold 10

Analyte Exceeds NR 140 ES

Analyte Detected

Wisconsin Administrative Code Chapter 140 Preventative Action Limit for Ground Water

Wisconsin Administrative Code Chapter 140 Enforcement Standard for Ground Water

Table 3: Ground Water Measurements Corner Store Ridgeland, WI Meridian No. 05F761

MW-1			MW-2			MW-2R (installed 5/31/11)			MW-3		
Surface Elevation (ft)		100,5	Surface Elevation (ft)		100,66	Surface Elevation (ft)		99.75	Surface Elevation (ft)		99.00
Top of Casing Elevation (ft)		100	Top of Casing Elevation (ft)		100.16	Top of Casing Elevation (ft)		99.51	Top of Casing Elevation (ft)		98.95
Top of Screen Elevation (ft)		95.7	Top of Screen Elevation (ft)		95.16	Top of Screen Elevation (ft)		96.00	Top of Screen Elevation (ft)		94.00
Bottom of Screen Elevation (ft)		85.7	Bottom of Screen Elevation (ft)		85.16	Bottom of Screen Elevation (ft)		86.00	Bottom of Screen Elevation (ft)		84.00
Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)
6/22/2010	5.57	94.43	6/22/2010	6.93	93.23				6/22/2010	6.01	92.94
9/21/2010	5.1	94.9			93.56				9/21/2010	5.59	93.36
6/9/2011	3.8	96.2	2 destroyed during exc	cavation 5/24	/11)	6/9/2011	4.31	95.20	6/9/2011	4,64	94.31
9/28/2011	4.01	95,99)			9/28/2011	4.54	94,97	9/28/2011	4.85	94.10

MW-4			MW-5 (nstalled 5/31/11)			MW-6 (installed 5/31/11)			MW-7 (installed 6/1/11)		
Surface Elevation (ft)		100.14	Surface Elevation (ft)		98.75	Surface Elevation (ft)	_	98.25	Surface Elevation (ft)		100.25
Top of Casing Elevation (ft)		99.64	Top of Casing Elevation (ft)		98.45	Top of Casing Elevation (ft)		98.04	Top of Casing Elevation (ft)	•	100.05
Top of Screen Elevation (ft)		94.64	Top of Screen Elevation (ft)	1	94.75	Top of Screen Elevation (ft)		94.25	Top of Screen Elevation (ft)		96.25
Bottom of Screen Elevation (ft)		84.64	Bottom of Screen Elevation (ft)		84.75	Bottom of Screen Elevation (ft)		84.25	Bottom of Screen Elevation (ft)		86.25
Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)
6/22/2010	6.16	93.48									
9/21/2010	5.72	93.92									
6/9/2011	4.64	95.00	6/9/2011	4.15	94.30	6/9/2011	4.29	93.75	6/9/2011	5.53	94.52
9/28/2011	4.88	94.76	9/28/2011	4.33	94.12	9/28/2011	4.48	93.56	9/28/2011	5,82	94.23

MW-8 (installed 6/1/11)			PZ-1 (installed 5/31/11)			TMW		
Surface Elevation (ft)		98.00	Surface Elevation (ft)		98,00	Surface Elevation (ft)		99,46
Top of Casing Elevation (ft)		97.84	Top of Casing Elevation (ft)		97.89	Top of Casing Elevation (ft)		99.21
Top of Screen Elevation (ft)		94.00	Top of Screen Elevation (ft)		73.00	Top of Screen Elevation (ft)		94.46
Bottom of Screen Elevation (ft)		84.00	Bottom of Screen Elevation (ft)		68.00	Bottom of Screen Elevation (ft)		84.46
Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)	Meas. Date	DTW (ft)	GW Elev (ft)
						6/22/2010	6.43	91.4
	t					9/21/2010	5.8	92.0
6/9/2011	4.97	92.87	6/9/2011	4.22	93.67	6/9/2011	4.79	93.10
9/28/2011	5.15	92.69	9/28/2011	4.4	93.49	9/28/2011	5.02	92.8

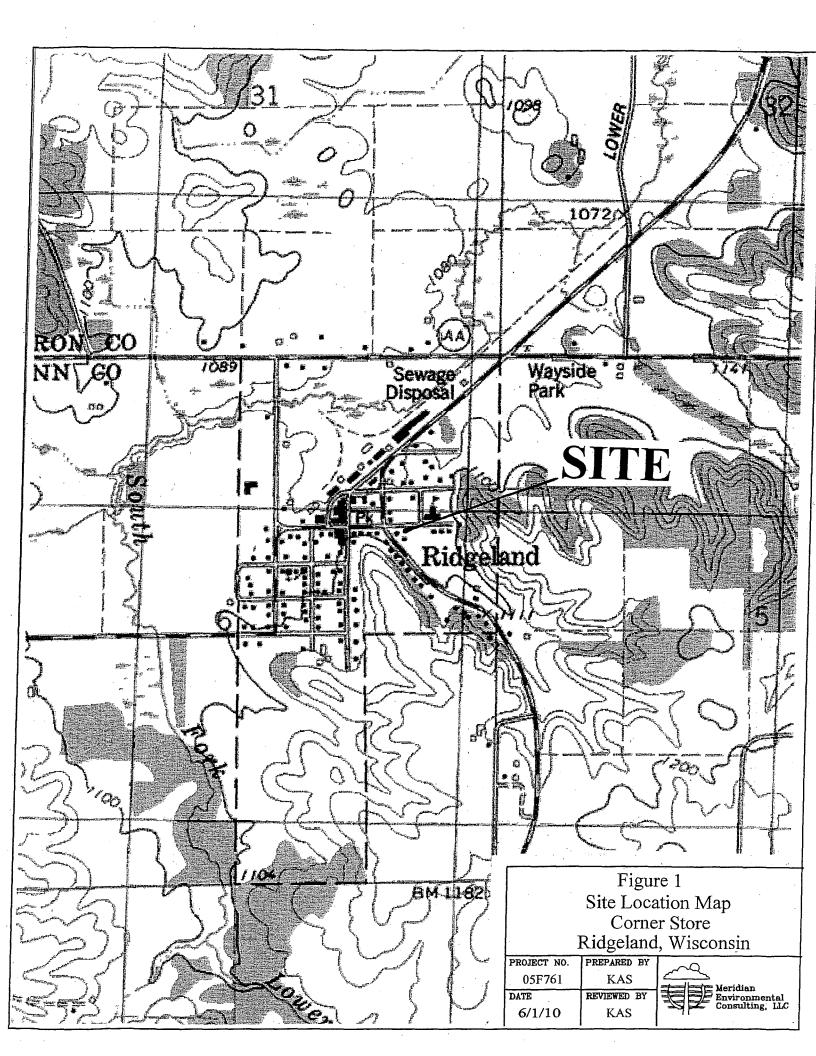
Free Product Measurements (MW-2)

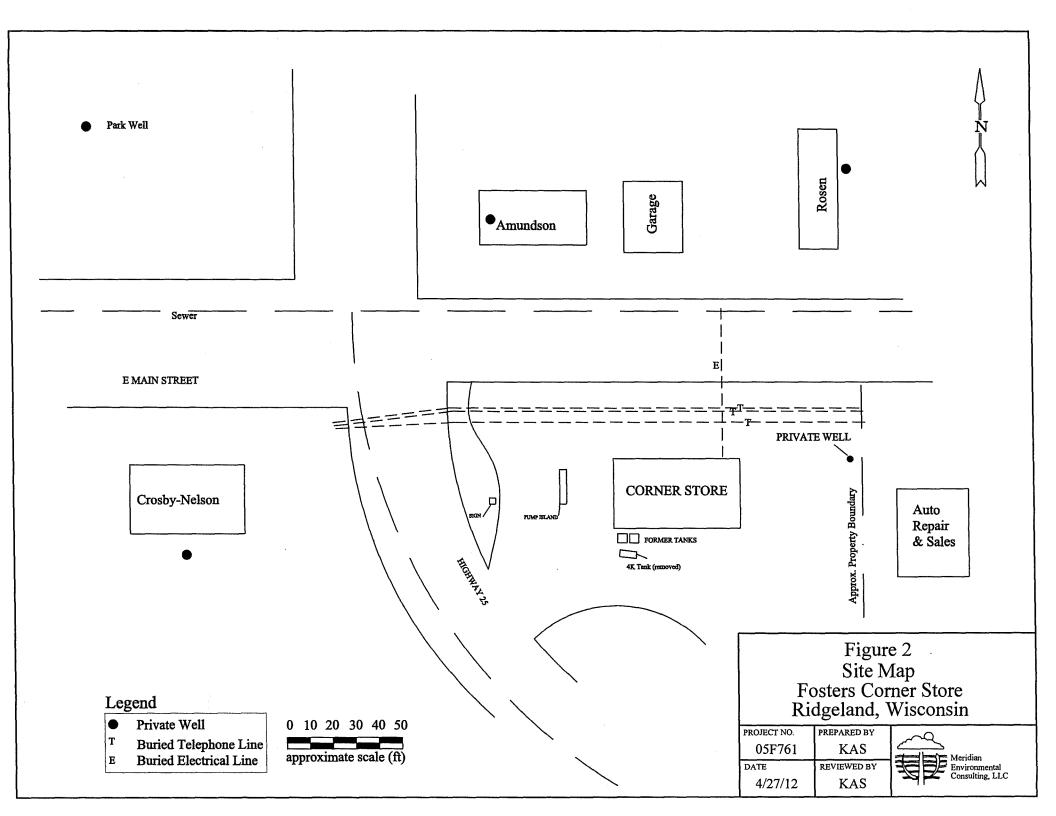
Date	PT (in)	Bail (gallons)		
June 22, 2010	5	3		
July 29, 2010	10	3		
September 21, 2010	2	3		

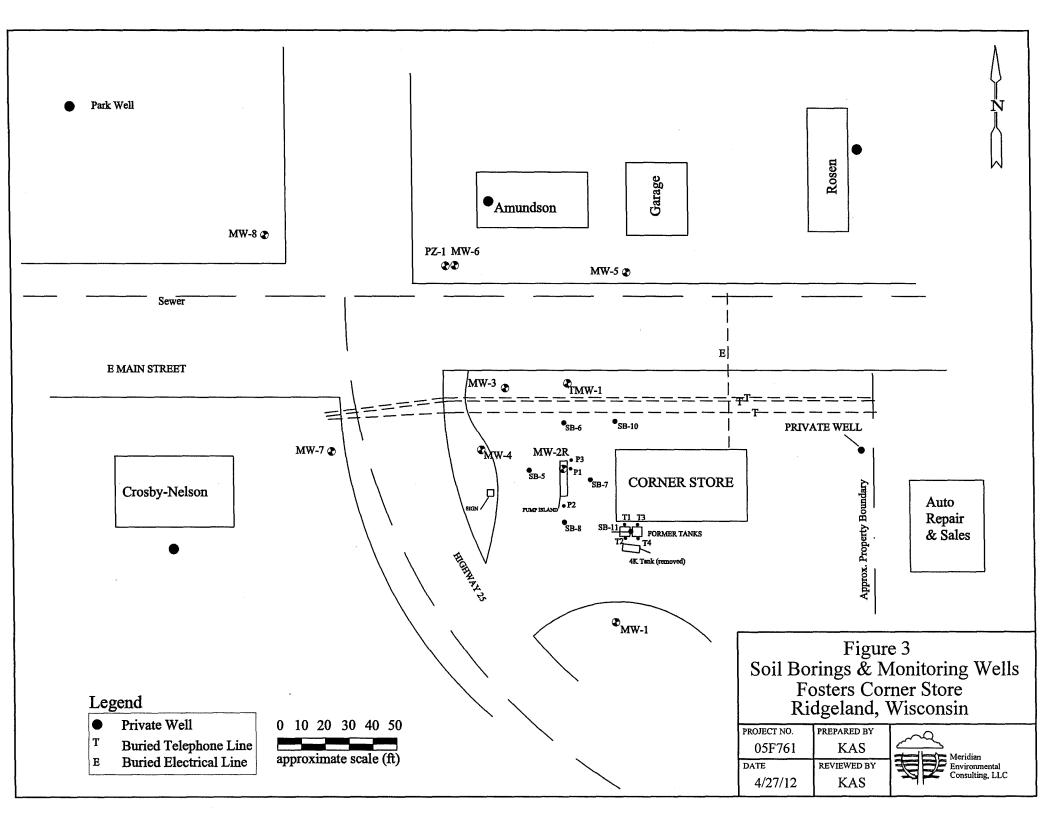
Vertical Gradient Measurements (between MW-6 and PZ-1)

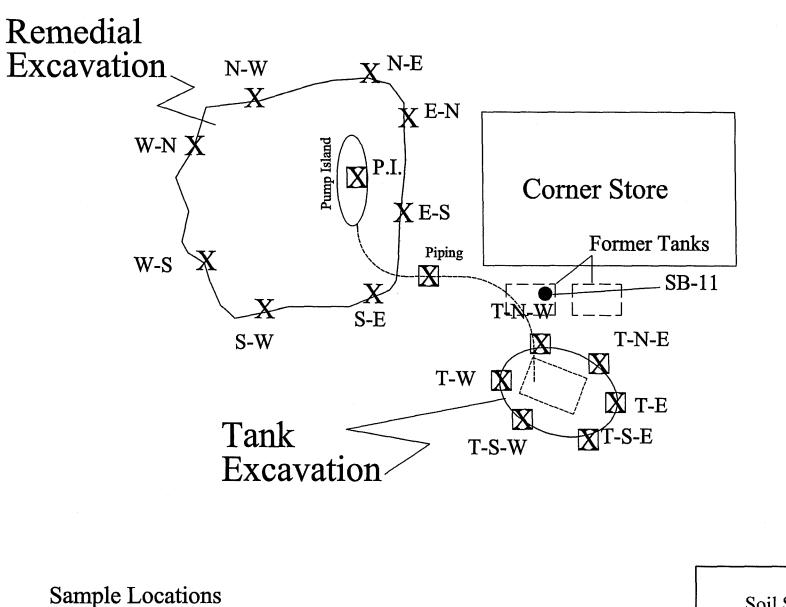
Well	6/9/2011	9/28/2011	
MW-6	93.75	93,56	
PZ-1	93.67	93.49	
Gradient	downward	downward	

FIGURES



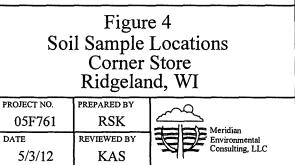






X - Remedial Excavation Samples

X - TSSA Sample Location



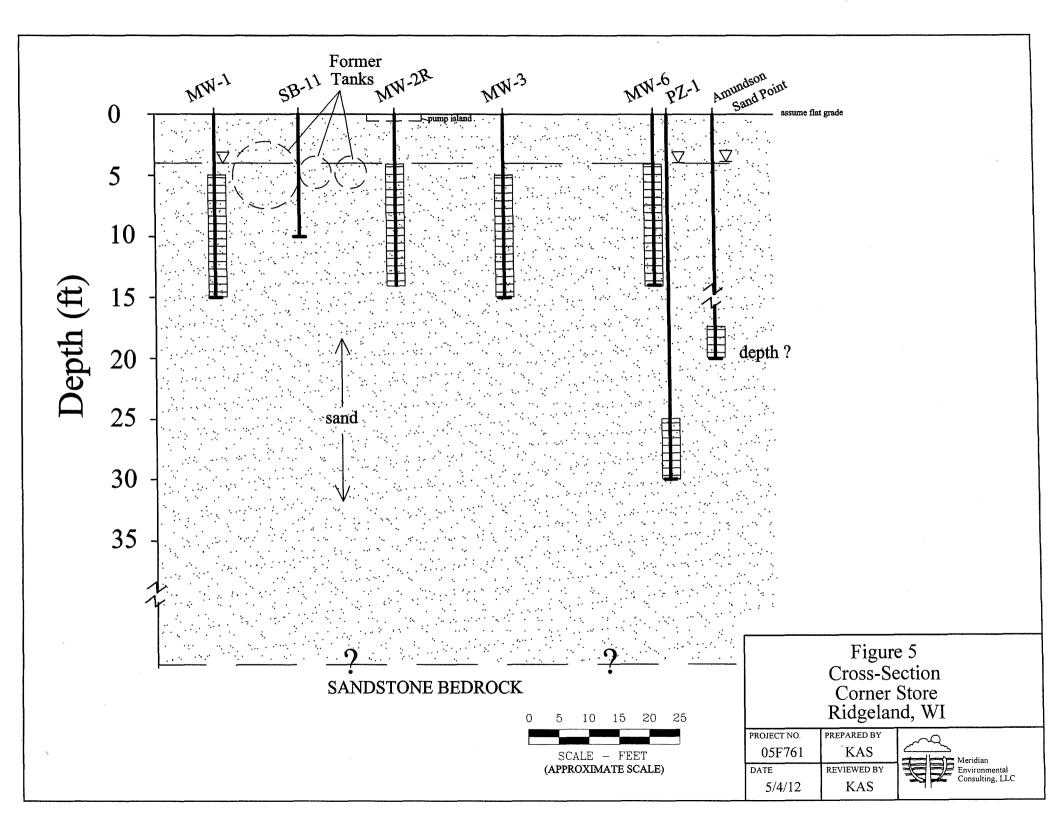
20

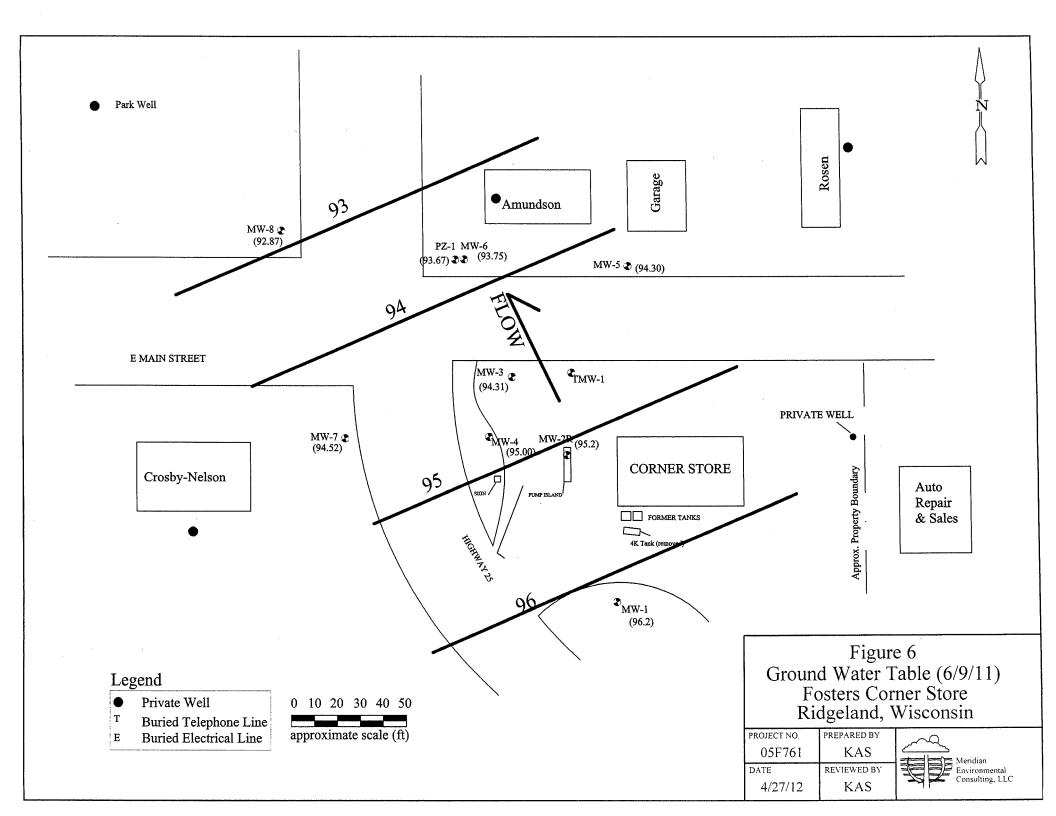
25

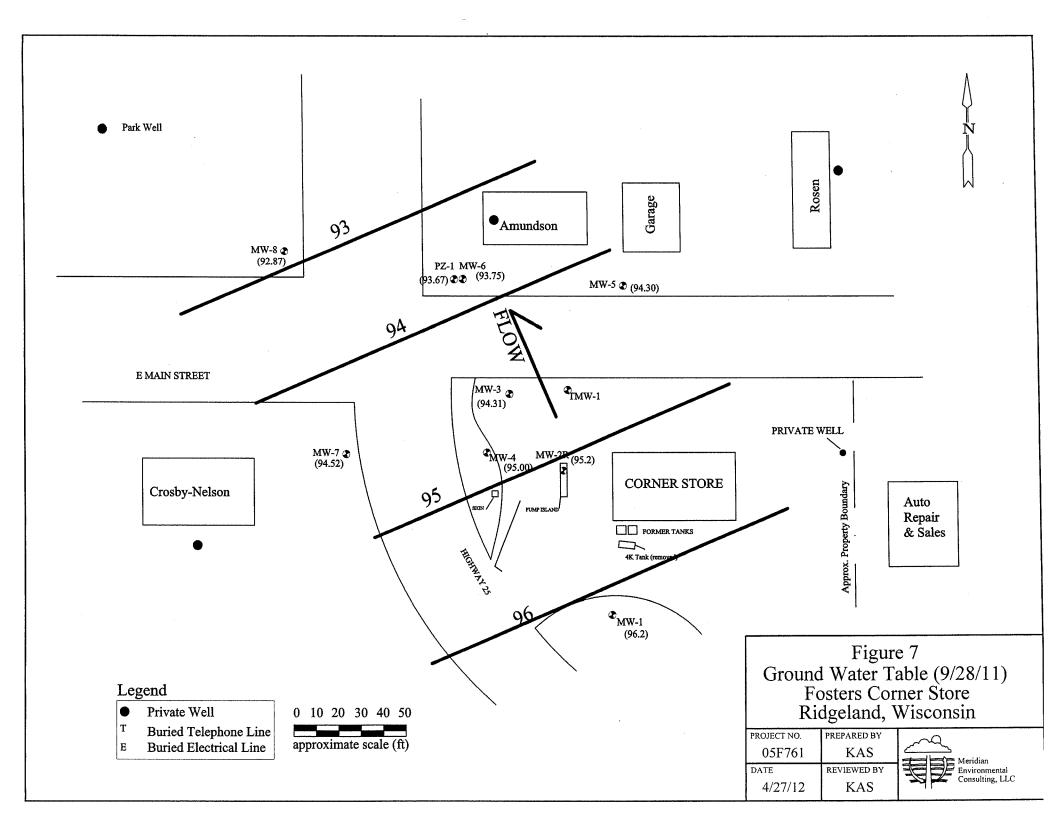
10 15

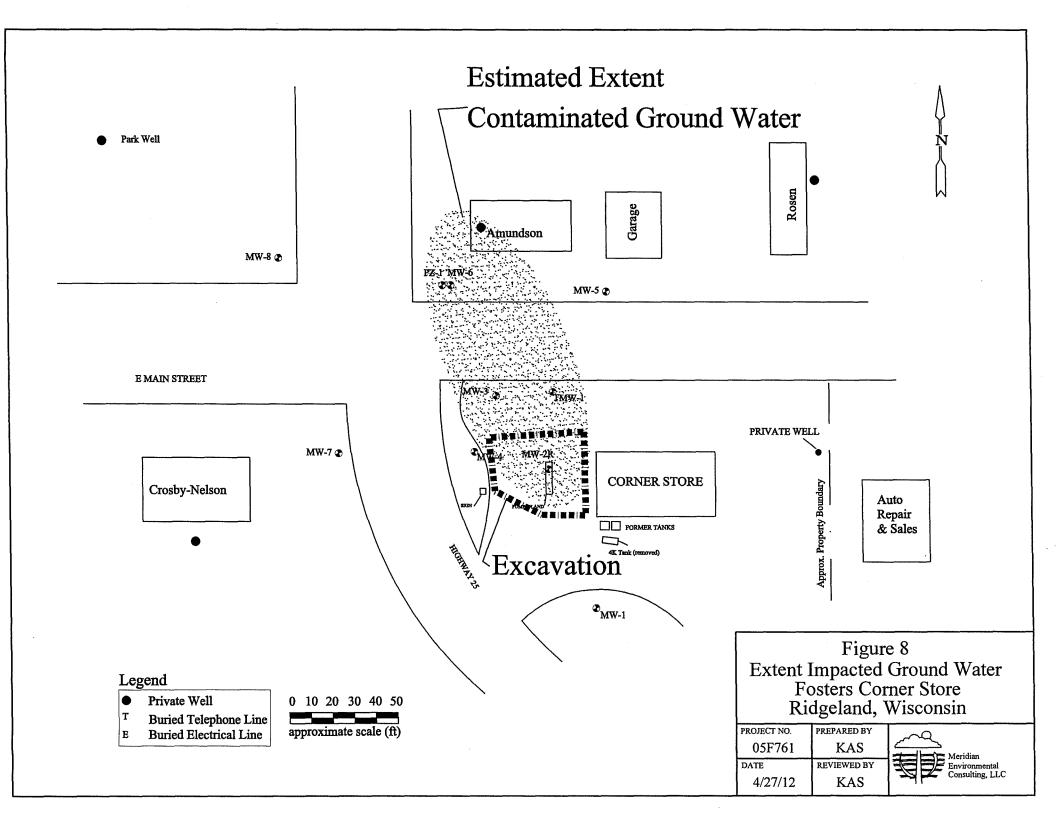
SCALE - FEET (APPROXIMATE SCALE)

5









APPENDIX A

TSSA REPORT



Meridian Environmental Consulting, LLC

August 8, 2011

UST Closure Assessments – RR/3 Department of Natural Resources P.O. Box 7921 Madison, WI 53707

Subject:

TSSA Sampling Results Corner Store 100 Tonnar Street Ridgeland, WI 54763 DNR BRRTS No. 03-17-223007 PECFA No. 54763-9623-02 Meridian No. 05F761

TSSA Summary

A 4,000 gallon gasoline storage tank was removed from this site on May 24, 2011. The site is an active PECFA site due to a release from a former petroleum system. A remedial excavation was completed May 24 & 25, 2011. TSSA and remedial excavation confirmation sample results are included with this letter.

The site geology is uniform medium sand to depth. Ground water is found about 5 feet below grade. The tank was held in place by steel straps attached to concrete anchor underneath tank. TSSA samples were collected at water table around perimeter of tank excavation.

The tank was in good condition with no leaks. Piping was fiberglass with no leaks.

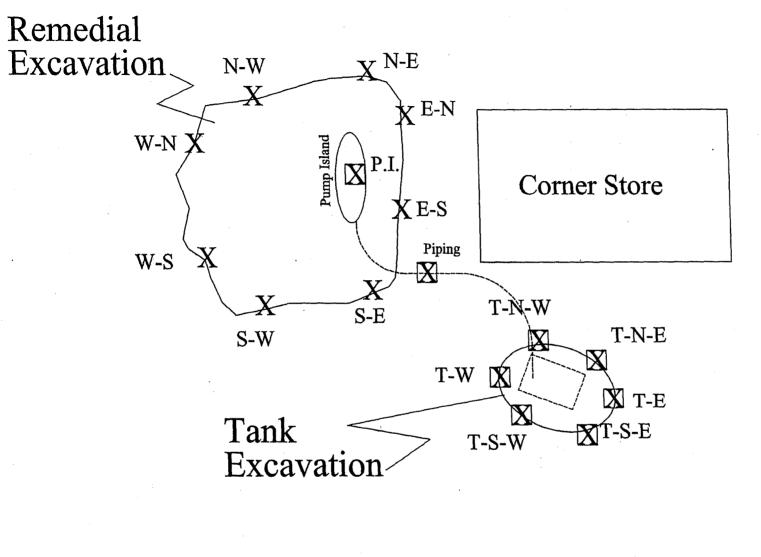
Petroleum constituents were measured in the TSSA and confirmation samples and are from former tank system impacts to ground water.

Sincerely, MERIDIAN ENVIRONMENTAL CONSULTING, LLC

Kenneth Shimko, PG

Site Assessor #41961

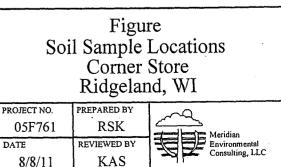
C: Tim Zeichert – PECFA Pat Collins - DNR



Sample Locations

X - Remedial Excavation Samples X - TSSA Sample Location

0	5	10	15	20	25
(.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	LE - DXIMA		-	



		-	
-	ed by environmental profession		
	to the WDNR along with a <u>cop</u>	y of Part A	
I. TANK-SYSTEM SITE ASS			
Site Name:	ner Store		
Address: 100 Ta	onnar St, 2:0g	eland, WI 5	4763
Note: Site name and add	ress must match with Part A Section	1.	
OBVIOUS RELEASES FRO If a TSSA is required, th	is required, see Comm 10 and section I DM UNDERGROUND AND ABOVEGRO en follow the procedures detailed in AS GROUND AND ABOVEGROUND STO	OUND STORAGE TANK SYSTE SESSMENT AND REPORTING	WS.
a. Has there been a previ	ously documented release at this site?	N Y N	
If yes, provide the Com	merce # 54763-9623-0	2, or DNR BRRT's # 03-1	7-223007
	¹ at facility prior to completion of current		
(NOTE 1: Do not include pre	viously closed systems or system component	ts.)	
c. Excavation/trench dime	nsions (in feet). (Photos must be provid	led.)	
EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
	15	15	8
		• <u>-</u>	
Do any of the following cor a. Stained soils: Y d. Free product in the ex 3. Geology/Hydrogeology a. Depth to groundwater (Note 2: Use these sym 4. Receptors a. Water supply well(s) w b. Surface water(s) within 5. Sampling a. Follow the procedures UNDERGROUND AN b. Complete Tables 1 and		s)? N c. Water In excavation ten or free product on water: te of geology ² <u>Sand</u> propriate: C = Clay, SLT = Silt, If yes, specify <u>Store</u> If yes, specify <u>Store</u> RTING OF SUSPECTED AND O SYSTEMS.	Ntrench: Y X N Y X N S = Sand, Gr = Gravel) well, Ammunds=n BVIOUS RELEASES FROM
J. NOTE RELEVANT OBSER	VATIONS, SPECIFIC PROBLEMS OR	CONCERNS BELOW	
Tank remo	al and remed:	al excavation	on completed
in late M	lay 2011. Tan	k removed	From preview
tank area	. Greend wa	for about 5	feet depth.
TSSA soil	samples collect	tel from si	dewalls about
5 feet be	low grade.	Tank held	down with
anchors a	nd concrete s	lab beneat	h.
			•
· ·	· · · · · · · · · · · · · · · · · · ·		

TABLE 1	SOIL FIELD SCREENING &	GRO/D	RO LAB	ORATO	RY AN	ALYTICAL RES		ETROLEUM P	RODUCT
Sample ID	Sample Location & Soil/Geologic	Sa	mpie Colle	ection Met	hod	Depth Below Tank/Piping	Result (ppm)	GRO	DRO
#	Description	Grab	Shelby Tube	Direct Push	Split Spoon	(feet)		(mg/kg)	(mg/kg)
-S-10	Tank - south - nesta	N				Sidewall 5		5.60	
7-1-E	-noth-east T					1		45.52	
T-S-E	-south-east							7.71	
T-NW	- horth - west							45-42	
T-W	- west wall g						· · · · · · · · · · · · · · · · · · ·	25.10	·
T-E	-east well i					₩.		45.52	
T-E .3.	10mp Island Vi					-2#		213	
piperg	Pipint 4	M				~2 Ff.	۱	25-00	
	1 F								
· · ·									
			· 🔲						
						•		<u> </u>	

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE mg/lsg	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
		fug/kg	/ug/kg '	ug/kg	ug/kg Mg/K		ug/kg
T-S-W	.091	.384	.122	<.024	.404"	-585	NA
T-N-E	.066	.282	.094	6.026	,159	.402	1
T-S-E	. 11 0	. 522	.159	6,024	.465	.765	
T-N-W	.074	-212	.076	L, 026	.072	,308	
T-10	. 061	. 291	-090	6.024	.142	.437	
T-E	.076	. 374	.112	<.027	.211	.531	
P.J.	<.98	1.28	1.54	5.120	12-8	8-33	
Piping	2.016	.056	4.018	<,024	5.018	.108	V
• 0							
			1				· ·
		UNITS	= mg	59			
	N N			5			
						•	

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION ./

As a tank-system site assessor certified under	Wis. Admin. Code section Comm 5.83. it is	my opinion that there is no indication of a release
of a regulated substance to the environment.	is tank did not l	eat previous system
Sampling at the site indicates there has been a	release to the environment. Pursuant to W	/is. Admin. Code section Comm 10.585 (2) (a) and
Wis. Stats. section 292.11 (2) (a), the owner or ope	rator or contractor performing work under c	hapter Comm 10 shall immediately report any
release of a regulated substance to the Wisconsin I	Department of Natural Resources. Failure t	to do so may result in forfeitures of a minimum of
\$10 and a maximum of \$5000 for each violation und	der Wis. Stats. section 101.09 (5). Each da	y of continued violation and each tank are treated
as separate offenses. [Prior Release	se	
Kennek shimks	Ati	41961
Tank-System Site Assessor Name (print)	Tank-System Site Assessor Signature	Certification Number #
715-832-6608	8-4-11	Meridian Env. Cotty, Lee
Tank-System Site Assessor Telephone Number	Date Signed	Company Name

Million

W isconsi Department o	n of Commerce					;
Search Instru	<u>ictions</u>	<u>Search by Site,</u> <u>Charact</u>	Owner, or T teristics	Search by Tank ID		
Tank Detail	απατάλα ματά ματά το		ada (1966), a ang ang ang ang ang ang ang ang ang a		nn an a sun a sun an ann an Antain an Acacana sun an Araba a sun an Araba. 	
Tank Detan						
· · · · · ·		Site and Owne	er			
Site Info		County	& Municipal	ity	Owner	
100 TONNAR ST RIDGELAND Landowner Type: Private	e	Fire Dep	f RIDGELAN	ID Ridgeland	ID: <u>1079335</u> JASON FOSTER 100 TONNAR ST RIDGELAND WI 54763	
Site Anniversary Date:		s have Sumps: Unknown				
Underground Sto	orage Tank	: - ID: 658818, Wang II Expiration: (sed/Ren	noved as of 05/24/20	
Install Date:	05/13/1999	Capacity in Gallo	ns:	4000	Contents:	Unleaded Gasoline
Tank Occupancy:	Retail Fuel	Sales Marketer:		Y	CAS Number:	Gusonne
Federally Regulated:	Y	Spill Protection:		Required		Required - Installed
Overfill Prot Type:	90alrm95au	utoOff Containment Sun	np installed:			motanou
Corrosion Protect Type			•		Lining Inspected Date	:
Leak Detection:	Inventory Reconciliati	Cath Test Date:			Cath Expire Date:	
Leak Test Meth:	1 (CODITIONICI)	Leak Expire Date:			Leak Test Date:	10/09/2009
Construction Material:	Steel - FRP composite	Wall Size:		Single	Underground Piping:	Y
Close Order Date:		Close Order By:				
•.		Piping - Close	d/Removed	· t		
Flex Connectors:	Y	UST mainfolded:	N	Related	Tank ID:	
Туре:		Aboveground Piping:		Aboveg	round Pipe Constructi	
Construction Material:	Flexible	e Corrosion Protect Typ	e: Not Applicable	Leak De	etection:	Not Required
Cath Test Date:		Cath Expire Date:			st Meth:	
Leak Test Date:		Leak Expire Date:		Pipe Wa	all Size:	Double
Catastrophic Leak Detec	tion:	Cat Leak Test Date:		Piping S	System Type:	Safe Suction
-	e for login pag		_			
Trans ID	Туре	Status	Date	Fiscal Y	r	
915696	AN	CLOS	09/10/2003			
1046600	AN	CLOS	02/11/200			
1180013		CLOS	08/25/2008			
1565840	AN	CLOS	09/03/2008			
1717670	AN	CLOS	11/17/2009			
1453203 1303444	AN AN	CLOS CLOS	09/05/2007			
10004444	<u>ліч</u>	ULUU		. 2001		

- TO TOP

June 08, 2011

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

REPORT NO.: 1105437

PROJECT NO.: Corner Store

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received May 27, 2011.

All analyses were performed in accordance with TNI Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Industry, Inc. for your analytical needs.

Sincerely,

Siemens Industry, Inc.

Bruce Schertz

Lab Manager Enviroscan Analytical[™] Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Industry, Inc. Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Industry, Inc. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature. The contents of this report apply to the sample(s) analyzed. No duplication of this report is allowed except in its entirety.

Reviewed by

·····

Certifications: Wisconsin 737053130 Minnesota 055-999-30

Minnesota 055-999-302 Illinois 100317



Siemens Industry, Inc.

301 West Military Road Rothschild, WI 54474 Tel: 800-338-7226 Fax: 715-355-3221 www.siemens.com/enviroscan

The total number of pages in this report, including this page is 15.

SAMPLE SUMMARY

Lab Id	<u>Client Sample Id</u>	Date/Time	<u>Matrix</u>
1105437-01	T-S-W	05/24/11 00:00	Soil
1105437-02	T-N-E	05/24/11 00:00	Soil
1105437-03	T-S-E	05/24/11 00:00	Soil
1105437-04	T-N-W	05/24/11 00:00	Soil
1105437-05	T-W	05/24/11 00:00	Soil
1105437-06	T-E	05/24/11 00:00	Soil
1105437-07	P.I.	05/24/11 00:00	Soil
1105437-08	Piping	05/24/11 00:00	Soil
1105437-09	N-E	05/25/11 00:00	Soil
1105437-10	N-W	05/25/11 00:00	Soil
1105437-11	S-E	05/25/11 00:00	Soil ·
1105437-12	S-W	05/25/11 00:00	Soil
1105437-13	W-S	05/25/11 00:00	Soil
1105437-14	W-N	05/25/11 00:00	Soil
1105437-15	E-N	05/25/11 00:00	Soil
1105437-16	E-S	05/25/11 00:00	Soil
1105437-17	MeOH Blank	05/25/11 00:00	Soil

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko	PREPARED BY BMS								
Sample ID: T-S-W	Matrix: Soil			e Date/Ti	me: 05/2	4/11 0:00	Lab No. : 1105437-01		
	<u>Results</u>	Units	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst	
EPA 8021B/ WI DNR GRO									
1,2,4-Trimethylbenzene	0.277	mg/kg dry	0.013	0.025	1		06/06/11	ALZ	
1,3,5-Trimethylbenzene	0.127	mg/kg d r y	0.018	0.025	1		06/06/11	ALZ	
Benzene	0.091	mg/kg dry	0.016	0.025	1		06/06/11	ALZ	
Ethylbenzene	0.122	mg/kg dry	0.018	0.025	1	-	06/06/11	ALZ	
Gasoline Range Organics	5.60	mg/kg dry	5.00	5.00	1	G2	06/06/11	ALZ	
m&p-Xylene	0.378	mg/kg dry	0.022	0.025	, 1		06/06/11	ALZ	
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/06/11	ALZ	
o-Xylene	0.207	mg/kg dry	0.016	0.025	1		06/06/11	ALZ	
Toluene	0.384	mg/kg dry	0.021	0.025	1		06/06/11	ALZ	

Sample ID: T-N-E	Matrix: Soil			Sample Date/Time: 05/24/11 0:00				Lab No. : 1105437-02	
	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	Analyst	
EPA 8021B/ WI DNR GRO									
1,2,4-Trimethylbenzene	0.103	mg/kg dry	0.014	0.028	1.1		06/06/11	ALZ	
1,3,5-Trimethylbenzene	0.055	mg/kg dry	0.020	0.028	1.1		06/06/11	ALZ	
Benzene	0.066	mg/kg dry	0.018	0.028	- 1.1		06/06/11	ALZ	
Ethylbenzene	0.094	mg/kg dry	0.020	0.028	1.1		06/06/11	ALZ	
Gasoline Range Organics	ND	mg/kg dry	5.52	5.52	1.1		06/06/11	ALZ	
m&p-Xylene	0.282	mg/kg dry	0.024	0.028	1.1		06/06/11	ALZ	
Methyl Tert Butyl Ether	ND	mg/kg dry	0.026	0.028	1.1		06/06/11	ALZ	
o-Xylene	0.120	mg/kg dry	0.018	0.028	1.1		06/06/11	ALZ	
Toluene	0.282	mg/kg dry	0.023	0.028	1.1		06/06/11	ALZ	

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Methyl Tert Butyl Ether

o-Xylene

Toluene

PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko 05/24/11 0:00 Lab No.: 1105437-03 Sample ID: T-S-E Matrix: Soil Sample Date/Time: Date Dilution **Qualifiers** Results Units LOD LOQ Factor Analyzed <u>Analyst</u> EPA 8021B/ WI DNR GRO 0.013 0.025 1 06/06/11 ALZ 0.312 mg/kg dry 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 0.153 mg/kg dry 0.018 0.025 1 06/06/11 ALZ 06/06/11 ALZ 0.110 mg/kg dry 0.016 0.025 1 Benzene 0.025 ALZ Ethylbenzene 0.159 mg/kg dry 0.018 1 06/06/11 7.71 5.00 5.00 1 G2 06/06/11 ALZ Gasoline Range Organics mg/kg dry 0.025 06/06/11 ALZ 0.491 mg/kg dry 0.022 m&p-Xylene 1

0.024

0.016

0.021

0.025

0.025

0.025

1

1

1

06/06/11

06/06/11

06/06/11

ALZ ALZ

ALZ

mg/kg dry

mg/kg dry

mg/kg dry

ND

0.274

0.522

Matrix: Soil Sample Date/Time: 05/24/11 0:00 Lab No.: 1105437-04 Sample ID: T-N-W Date Dilution Results <u>Units</u> LOD LOQ Factor Qualifiers Analyzed <u>Analyst</u> EPA 8021B/ WI DNR GRO 1,2,4-Trimethylbenzene 0.072 mg/kg dry 0.014 0.027 1.08 06/06/11 ALZ 1,3,5-Trimethylbenzene ND mg/kg dry 0.020 0.027 1.08 06/06/11 ALZ Benzene 0.074 mg/kg dry 0.017 0.027 1.08 06/06/11 ALZ 0.027 1.08 06/06/11 ALZ Ethylbenzene 0.076 mg/kg dry 0.020 ND 5.42 5.42 1.08 06/06/11 ALZ Gasoline Range Organics mg/kg dry 0.214 0.027 ALŻ m&p-Xylene mg/kg dry 0.024 1.08 06/06/11 Methyl Tert Butyl Ether ND mg/kg dry 0.026 0.027 1.08 06/06/11 ALZ o-Xylene 0.094 mg/kg dry 0.017 0.027 1.08 06/06/11 ALZ Toluene 0.212 1.08 06/06/11 ALZ 0.023 0.027 mg/kg dry

Matrix: Soil

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko Sample ID: T-W PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Sample Date/Time: 05/24/11 0:00

Lab No. : 1105437-05

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B/ WI DNR GRO								
1,2,4-Trimethylbenzene	0.126	mg/kg dry	0.013	0.025	1.02		06/06/11	ALZ
1,3,5-Trimethylbenzene	0.056	mg/kg dry	0.018	0.025	1.02		06/06/11	ALZ
Benzene	0.061	mg/kg dry	0.016	0.025	1.02		06/06/11	ALZ
Ethylbenzene	0.090	mg/kg dry	0.018	0.025	1.02		06/06/11	ALZ
Gasoline Range Organics	ND	mg/kg dry	5.10	5.10	1.02		06/06/11	ALZ
m&p-Xylene	0.300	mg/kg dry	0.022	0.025	1.02		06/06/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1.02		06/06/11	ALZ
o-Xylene	0.137	mg/kg dry	0.016	0.025	1.02		06/06/11	ALZ
Toluene	0.291	mg/kg dry	0.021	0.025	1.02		06/06/11	ALZ
	•							

Sample ID: T-E	Matrix: Soil			Sample Date/Time: 05/24/11 0:00				Lab No. : 1105437-06	
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst	
EPA 8021B/ WI DNR GRO									
1,2,4-Trimethylbenzene	0.146	mg/kg dry	0.014	0.028	1.1		06/06/11	ALZ	
1,3,5-Trimethylbenzene	0.065	mg/kg dry	0.020	0.028	1.1		06/06/11	ALZ	
Benzene	0.076	mg/kg dry	0.018	0.028	1.1		06/06/11	ALZ	
Ethylbenzene	0.112	mg/kg dry	0.020	0.028	1.1		06/06/11	ALZ	
Gasoline Range Organics	ND	mg/kg dry	5.52	5,52	1.1		06/06/11	ALZ	
m&p-Xylene	0.368	mg/kg dry	0.024	0.028	1.1		06/06/11	ALZ	
Methyl Tert Butyl Ether	ND	mg/kg dry	0.027	0.028	1.1		06/06/11	ALZ	
o-Xylene	0.163	mg/kg dry	0.018	0.028	1.1		06/06/11	ALZ	
Toluene	0.374	mg/kg dry	0.023	0.028	1.1		06/06/11	ALZ	

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

FREFARED BI. DWIS									
Matrix: Soil	Sampl	le Date/Ti	me: 05/2	Lab No. : 1105437-07					
Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>		
				•					
9.24	mg/kg dry	0.065	0.125	5		06/07/11	ALZ		
3.56	mg/kg dry	0.090	0.125	5	•	06/07/11	ALZ		
ND	mg/kg dry	0.080	0.125	5		06/07/11	ALZ		
1.54	mg/kg dry	0.090	0.125	5		06/07/11	ALZ		
213	mg/kg dry	25.0	25.0	5	G8	06/07/11	ALZ		
5.94	mg/kg dry	0.110	0.125	5		06/07/11	ALZ		
ND	mg/kg dry	0.120	0.125	. 5		06/07/11	ALZ		
2.39	mg/kg dry	0.080	0.125	5		06/07/11	ALZ		
1.28	mg/kg dry	0.105	0.125	5		06/07/11	ALZ		
	Results 9.24 3.56 ND 1.54 213 5.94 ND 2.39	ResultsUnits9.24mg/kg dry3.56mg/kg dryNDmg/kg dry1.54mg/kg dry213mg/kg dry5.94mg/kg dryNDmg/kg dry2.39mg/kg dry	Results Units LOD 9.24 mg/kg dry 0.065 3.56 mg/kg dry 0.090 ND mg/kg dry 0.080 1.54 mg/kg dry 0.090 213 mg/kg dry 25.0 5.94 mg/kg dry 0.110 ND mg/kg dry 0.120 2.39 mg/kg dry 0.080	Matrix: Soil Sample Date/Til Results Units LOD LOQ 9.24 mg/kg dry 0.065 0.125 3.56 mg/kg dry 0.090 0.125 ND mg/kg dry 0.080 0.125 1.54 mg/kg dry 0.090 0.125 213 mg/kg dry 25.0 25.0 5.94 mg/kg dry 0.110 0.125 ND mg/kg dry 0.120 0.125 2.39 mg/kg dry 0.080 0.125	Matrix: Soil Sample Date/Time: 05/2 Results Units LOD LOQ Dilution Factor 9.24 mg/kg dry 0.065 0.125 5 3.56 mg/kg dry 0.090 0.125 5 ND mg/kg dry 0.080 0.125 5 1.54 mg/kg dry 0.090 0.125 5 213 mg/kg dry 25.0 25.0 5 5.94 mg/kg dry 0.110 0.125 5 ND mg/kg dry 0.120 0.125 5 2.39 mg/kg dry 0.080 0.125 5	ResultsUnitsLODLOQDilution FactorQualifiers9.24mg/kg dry0.0650.12553.56mg/kg dry0.0900.1255NDmg/kg dry0.0800.12551.54mg/kg dry0.0900.1255213mg/kg dry25.025.055.94mg/kg dry0.1100.1255NDmg/kg dry0.1200.12552.39mg/kg dry0.0800.1255	Matrix: Soil Sample Date/Time: 05/24/11 0:00 Lab No. : Results Units LOD LOQ Dilution Factor Qualifiers Date Analyzed 9.24 mg/kg dry 0.065 0.125 5 06/07/11 3.56 mg/kg dry 0.090 0.125 5 06/07/11 ND mg/kg dry 0.080 0.125 5 06/07/11 1.54 mg/kg dry 0.090 0.125 5 06/07/11 213 mg/kg dry 0.110 0.125 5 06/07/11 5.94 mg/kg dry 0.120 0.125 5 06/07/11 ND mg/kg dry 0.120 0.125 5 06/07/11 2.39 mg/kg dry 0.080 0.125 5 06/07/11		

Sample ID: Piping	Matrix: Soil			e Date/Tir	me: 05/2	Lab No.:1105437-08		
: •	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021B/ WI DNR GRO								- · · · · · · · · · · · · · · · · · · ·
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.013	0.025	1		06/06/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/06/11	ALZ
Benzene	ND	mg/kg dry	0.016	0.025	1	,	06/06/11	ALZ
Ethyibenzene	ND	mg/kg dry	0.018	0.025	1		06/06/11	ALZ
Gasoline Range Organics	ND	mg/kg dry	5.00	5.00	1		06/06/11	ALZ
m&p-Xylene	0.108	mg/kg dry	0.022	0.025	1		06/06/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1	•	06/06/11	ALZ
o-Xylene	ND	mg/kg dry	0.016	0.025	- 1		06/06/11	ALZ
Toluene	0.056	mg/kg dry	0.021	0.025	1		06/06/11	ALZ

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PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko

Sample ID: N-E	Matrix: Soil			e Date/Ti	me: 05/2	Lab No.:1105437-09		
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	0.483	mg/kg dry	0.014	0.027	1.07		06/06/11	ALZ
1,3,5-Trimethylbenzene	0.158	mg/kg dry	0.019	0.027	1.07	*	06/06/11	ALZ
Benzene	0.131	mg/kg dry	0.017	0.027	1.07		06/06/11	ALZ
Ethylbenzene	0.107	mg/kg dry	0.019	0.027	1.07		06/06/11	ALZ
m&p-Xylene	0.354	mg/kg dry	0.023	0.027	1.07		06/06/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.026	0.027	1.07		06/06/11	ALZ
Naphthalene	0.373	mg/kg dry	0.019	0.027	1.07		06/06/11	ALZ
o-Xylene	0.197	mg/kg dry	0.017	0.027	1.07		06/06/11	ALZ
Toluene	0.187	mg/kg dry	0.022	0.027	1.07		06/06/11	ALZ

Sample ID: N-W	Matrix: Soil			e Date/Tir	ne: 05/2	Lab No. : 1105437-10		
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	0.415	mg/kg dry	0.016	0.031	1.24		06/07/11	ALZ
1,3,5-Trimethylbenzene	0.155	mg/kg dry	0.022	0.031	1.24		06/07/11	ALZ
Benzene	0.157	mg/kgˈdry	0.020	0.031	1.24		06/07/11	ALZ
Ethylbenzene	0.138	mg/kg dry	0.022	0.031	1.24		06/07/11	ALZ
m&p-Xylene	0.431	mg/kg dry	0.027	0.031	1.24		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.030	0.031	1.24		06/07/11	ALZ
Naphthalene	0.153	mg/kg dry	0.022	0.031	1.24		06/07/11	ALZ
o-Xylene	0.231	mg/kg dry	0.020	0.031	1.24		06/07/11	ALZ
Toluene	0.135	mg/kg dry	0.026	0.031	1.24		06/07/11	ALZ

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PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko

Sample ID: S-E	Matrix: Soil			le Date/Ti	me: 05/2	Lab No.:1105437-11		
· · · ,	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	0.062	mg/kg dry	0.015	0.029	1.15		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
m&p-Xylene	0.145	mg/kg dry	0.025	0.029	1.15		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.027	0.029	1.15		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ
Toluene	0.104	mg/kg dry	0.024	0.029	1.15		06/07/11	ALZ

Sample ID: S-W	Matrix: Soil	Sampl	e Date/Tir	me: 05/2	Lab No. : 1105437-12			
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.014	0.027	1.07		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.019	0.027	1.07		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.017	0.027	1.07		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.019	0.027	1.07		06/07/11	ALZ
m&p-Xyiene	0.121	mg/kg dry	0.024	0.027	1.07		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.026	0.027	1.07		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.019	0.027	1.07		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.017	0.027	1.07		06/07/11	ALZ
Toluene	0.085	mg/kg dry	0.022	0.027	1.07		06/07/11	ALZ

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Attn: Ken Shimko

PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Sample ID: W-S	Matrix: Soil		Sample Date/Time: 05/25/11 0:00				Lab No.:1105437-13	
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								:
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.014	0.027	1.06		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.019	0.027	. 1.06		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.017	0.027	1.06		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.019	0.027	1.06		06/07/11	ALZ
m&p-Xylene	0.127	mg/kg dry	0.023	0.027	1.06		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.026	0.027	1.06		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.019	0.027	1.06		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.017	0.027	1.06		06/07/11	ALZ
Toluene	0.098	mg/kg dry	0.022	0.027	1.06		06/07/11	ALZ

Sample ID: W-N	Matrix: Soil			Sample Date/Time: 05/25/11 0:00				Lab No. : 1105437-14	
	Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst	
EPA 8021B						•			
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.015	0.029	1.15		06/07/11	ALZ	
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ	
Benzene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ	
Ethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ	
m&p-Xylene	0.126	mg/kg dry	0.025	0.029	1.15		06/07/11	ALZ	
Methyl Tert Butyl Ether	ND	mg/kg dry	0.028	0.029	1.15		06/07/11	ALZ	
Naphthalene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ	
o-Xylene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ	
Toluene	0.089	mg/kg dry	0.024	0.029	1.15		06/07/11	ALZ	

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PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko				PREPA	RED BY :	DIVIO		
Sample ID: E-N	Matrix: Soil Samp		Sampl	e Date/Ti	me: 05/2	Lab No. : 1105437-15		
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	0.097	mg/kg dry	0.013	0.025	1		06/07/11	ALZ
1,3,5-Trimethylbenzene	0.071	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.016	0.025	1		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
m&p-Xylene	0.123	mg/kg dry	0.022	0.025	1		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/07/11	ALZ
Naphthalene	0.103	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.016	0.025	· 1		06/07/11	ALZ
Toluene	0.070	mg/kg dry	0.021	0.025	1		06/07/11	ALZ

Sample ID: E-S	Matrix: Soil			Sample Date/Time: 05/25/11 0:00				Lab No. : 1105437-16	
	Results	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>	
EPA 8021B		- ·							
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.013	0.025	1		06/07/11	ALZ	
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ	
Benzene	ND	mg/kg dry	0.016	0.025	1		06/07/11	ALZ	
Ethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ	
m&p-Xylene	0.105	mg/kg dry	0.022	0.025	1		06/07/11	ALZ	
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/07/11	ALZ	
Naphthalene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ	
o-Xylene	ND	mg/kg dry	0.016	0.025	1		06/07/11	ALZ	
Toluene	0.064	mg/kg dry	0.021	0.025	1		06/07/11	ALZ	

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PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

			PREPA	RED BY :	BMS		
Matrix: Soil	•	Sampl	e Date/Tir	me: 05/2	5/11 0:00	Lab No. : 1	105437-17
Results	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
ND	mg/kg	0.013	0.025	1		06/07/11	ALZ
ND	mg/kg	0.018	0.025	1		06/07/11	ALZ
ND	mg/kg	0.016	0.025	1		06/07/11	ALZ
ND	mg/kg	0.018	0.025	. 1		06/07/11	ALZ
ND	mg/kg	0.022	0.025	1		06/07/11	ALZ
ND	mg/kg	0.024	0.025	1		06/07/11	ALZ
ND	mg/kg	0.018	0.025	1		06/07/11	ALZ
ND	mg/kg	0.016	0.025	1		06/07/11	ALZ
ND	mg/kg	0.021	0.025	1		06/07/11	ALZ
							·
ND	mg/kg	5.00	5.00	1		06/07/11	ALZ
	Results ND ND ND ND ND ND ND ND ND	ResultsUnitsNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kgNDmg/kg	ResultsUnitsLODNDmg/kg0.013NDmg/kg0.018NDmg/kg0.016NDmg/kg0.018NDmg/kg0.022NDmg/kg0.024NDmg/kg0.018NDmg/kg0.016NDmg/kg0.016NDmg/kg0.021	Matrix: Soil Sample Date/Tir Results Units LOD LOQ ND mg/kg 0.013 0.025 ND mg/kg 0.016 0.025 ND mg/kg 0.018 0.025 ND mg/kg 0.018 0.025 ND mg/kg 0.022 0.025 ND mg/kg 0.024 0.025 ND mg/kg 0.018 0.025 ND mg/kg 0.018 0.025 ND mg/kg 0.024 0.025 ND mg/kg 0.018 0.025 ND mg/kg 0.018 0.025 ND mg/kg 0.016 0.025 ND mg/kg 0.016 0.025 ND mg/kg 0.021 0.025	Matrix: Soil Sample Date/Time: 05/2 Results Units LOD LOQ Dilution Factor ND mg/kg 0.013 0.025 1 ND mg/kg 0.018 0.025 1 ND mg/kg 0.016 0.025 1 ND mg/kg 0.018 0.025 1 ND mg/kg 0.018 0.025 1 ND mg/kg 0.022 0.025 1 ND mg/kg 0.024 0.025 1 ND mg/kg 0.018 0.025 1 ND mg/kg 0.018 0.025 1 ND mg/kg 0.018 0.025 1 ND mg/kg 0.016 0.025 1 ND mg/kg 0.021 0.025 1	ResultsUnitsLODLOQDilution FactorQualifiersNDmg/kg0.0130.0251NDmg/kg0.0180.0251NDmg/kg0.0160.0251NDmg/kg0.0180.0251NDmg/kg0.0180.0251NDmg/kg0.0180.0251NDmg/kg0.0240.0251NDmg/kg0.0180.0251NDmg/kg0.0160.0251NDmg/kg0.0160.0251NDmg/kg0.0210.0251	Matrix: Soil Sample Date/Time: 05/25/11 0:00 Lab No. : 1 Results Units LOD Dilution Factor Qualifiers Date Analyzed ND mg/kg 0.013 0.025 1 06/07/11 ND mg/kg 0.018 0.025 1 06/07/11 ND mg/kg 0.016 0.025 1 06/07/11 ND mg/kg 0.018 0.025 1 06/07/11 ND mg/kg 0.018 0.025 1 06/07/11 ND mg/kg 0.018 0.025 1 06/07/11 ND mg/kg 0.024 0.025 1 06/07/11 ND mg/kg 0.018 0.025 1 06/07/11 ND mg/kg 0.016 0.025 1 06/07/11 ND mg/kg 0.016 0.025 1 06/07/11 ND mg/kg 0.021 0.025 1 06/07/11 <td< td=""></td<>

Qualifier Descriptions

G8 G2 The chromatogram is characteristic for weathered gasoline, however either additional peaks are present or PVOC peaks are not proportional to weathered gasoline indicating the presence of additional compounds. The chromatogram is characteristic of a weathered gasoline.

Definitions

LOD = Limit of Detection (Dilution Corrected) LOQ = Limit of Quantitation (Dilution Corrected) Reporting Limit = LOQ (Dilution Corrected) ND = Not Detected COMP = Complete SUBCON = Subcontracted analysis mv = millivolts pci/L = picocuries per Liter mL/L = milliliters per Liter mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO and EPA 8021methanol and WI DNR methylene chloride preserved soils.

(WNC) = The required Wisconsin DNR program certification is not held for this analyte.

ug/l = Micrograms per Liter = parts per billion (ppb) ug/kg = Micrograms per kilogram = parts per billion (ppb) mg/l = Milligrams per liter = parts per million (ppm) mg/kg = Milligrams per kilogram = parts per million (ppm) NOT PRES = Not Present ppth = Parts per thousand * = Result outside established limits. mg/m3 = Milligrams per meter cubed ng/L = Nanograms per Liter = Parts per trillion(ppt) > = Greater Than

Methanol Soils for WI GRO and EPA 8021 are reported to the LOQ.

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SIEMENS		· · · · · · · · · · · · · · · · · · ·
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Client: Maridian	Env. Consulting Date Recei	ived: $5 1 \frac{27}{1} \frac{1}{1}$
Analytical Number:/	Env. Consulting Date Recei	
Check all deviations from the EPA		
[] Sample(s) received at	°C which is above the EPA and WDNR lin	mit of 4*C.
[] VOC vial(s) received with he	adspace.	
 Sample(s) received in bottles preservation method, if used, 	anot furnished by Siemens Water Technolo is unknown.	ogies. The
[] Sample(s) were not properly [preserved per EPA or WDNR protocol for t	he following analyses:
[] Sample(s) were received beyo	ond the EPAWDNR holding time for the fo	llowing analyses:
[] Sample date/time not supplied	by client. Actual holding time is unknown	<u>.</u>
[] GRO / PVOC / VOC / DRO (ci for that QC failure. The clien sample(s) under weight are:	rcle) sample(s) are <19.5 grams. This rep int has been contacted for further instruct	ort is the qualifier flag ions. Analytical number(s) of the
$\begin{array}{c} \hline & \hline $	mple(s) were between 26.4 and 35.4 gram Analytical number(s) of the sample(s) affe +4ml3.4 t 2ml	s. Methanol was ected are: 274 +2ml, -16th + 8ml,
[] GRO/PVOC/VOC/DRO (circ	de) sample(s) are >35.4 grams and are reater that QC failure. The client has been	quired to be rejected.
[] Other problems:		
Client contacted concerning the above do	eviations:	······
notifi	ed of the above deviation(s) on(_/@
contact name am/pm bya	and the client ordered the following:	
<i>initial</i> [] Proceed with analyses as ord	ered.	
Proceed with analyses after ta	aking the following corrective action:	
[] Do NOT proceed with analyse	2S	
•		
	• • •	
Siemens Water Technologies Corp.		(800)338-7226 = (715)355-3221
•	• •	

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Company Nama	
Company Name Mendian Enu- CS	Hy. Corner Store
Report Mailing Address ZZ-11 N, Elco 21 Fall Creek, W	P Contact Name, Phone, Fax, Email Key Shi nullo T T S-832-6608
Invoice Address Fall CrEek, W 54747	Purchase Order # Invoice Contact and Phone No.
Matrix: Drinking Water Groundwater Wastewater Soll/Solid Other	Analyses Requested
Wis. PECFA Project subject to U&C? Yes No	Delivered by: Walkin Course
For Compliance Monitoring? Yes No State: (If Yes, please specify Agency or Regulation) Agency/Reg.:	
Turnaround Request: [V] Normal (10 Bus. Days) ['] Rush (Must be pre-approved by Lab and is subject Date Needed:	to surcharges)
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Lab USE Sample No. of Containers Only Date Time Comp Grab	Sample Sample Comments
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Chain of Custody	7/1 5-261 1 m
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Company Name Menidian Env. CS Hg.	Project	erner	store	
Menidian Env. CS Hg. Report Mailing Address Z711 N. Felio R.D Fall Crevely, WE Invoice Address 54742	Contact Name, Phone,	Fax, Email	Store Stirko-6608	
Invoice Address 5-4 7-4 2	Purchase Order #	Invoice	Contact and Phone No.	
Matrix: Drinking Water Groundwater Wastewater foll/Solid Other	Analyses I	Requested	Lab.Use Only Delivered by:///////Walk-in////////Couried/	1
Wis. PECFA Project subject to U&C? Yes No For Compliance Monitoring? Yes State: (If Yes, please specify Agency or Regulation) Agency/Reg.:	40		Pelivered by Walk-III Scott OK2 Samples Leaking? Y Seals OK7. Recid/onlide? N N	
Turnaround Request: [1] Normal (10 Bus. Days) [] Rush (Must be pre-approved by Lab and is subject to surcharges) Date Needed:	+Nap		Sample Receiving Comments:	
WON8 Sample No. of Containers Sample	700		3.0	
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Chain of Custody Record	<u>/-</u>	5-26-11 1	m	_
			1610 Aura Ander	
Siemens Water Technologies 301 W. M	lilitary Rd. Rothschild,	Wİ 54474 1-800)-338-7226	

APPENDIX B

ANALYTICAL DATA

June 08, 2011

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

REPORT NO.: 1105437

PROJECT NO.: Corner Store

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received May 27, 2011.

All analyses were performed in accordance with TNI Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Industry, Inc. for your analytical needs.

Sincerely,

Siemens Industry, Inc.

Bruce Schertz

Lab Manager Enviroscan Analytical[™] Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Industry, Inc. Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Industry, Inc. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature. The contents of this report apply to the sample(s) analyzed. No duplication of this report is allowed except in its entirety.

Reviewed by:

Certifications: Wisconsin 737053130 Minnesota 055-999-302 Illinois 100317



Siemens Industry, Inc.

301 West Military Road Rothschild, WI 54474

Tel: 800-338-7226 Fax: 715-355-3221 www.siemens.com/enviroscan

The total number of pages in this report, including this page is 15.

SAMPLE SUMMARY

Lab_ld	<u>Client Sample Id</u>	Date/Time	<u>Matrix</u>
1105437-01	T-S-W	05/24/11 00:00	Soil
1105437-02	T-N-E	05/24/11 00:00	Soil
1105437-03	T-S-E	05/24/11 00:00	Soil
1105437-04	T-N-W	05/24/11 00:00	Soil
1105437-05	T-W	05/24/11 00:00	Soil
1105437-06	T-E	05/24/11 00:00	Soil
1105437-07	P.I.	05/24/11 00:00	Soil
1105437-08	Piping	05/24/11 00:00	Soil
1105437-09	N-E	05/25/11 00:00	Soil
1105437-10	N-W	05/25/11 00:00	Soil
1105437-11	S-E	05/25/11 00:00	Soil
1105437-12	S-W	05/25/11 00:00	Soil
1105437-13	W-S	05/25/11 00:00	Soil
1105437-14	W-N	05/25/11 00:00	Soil
1105437-15	E-N	05/25/11 00:00	Soil
1105437-16	E-S	05/25/11 00:00	Soil
1105437-17	MeOH Blank	05/25/11 00:00	Soil

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko

Sample ID: T-S-W	Matrix: Soil		Sampl	Sample Date/Time: 05/24/11 0:00				Lab No. : 1105437-01	
	Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	Analyst	
EPA 8021B/ WI DNR GRO									
1,2,4-Trimethylbenzene	0.277	mg/kg dry	0.013	0.025	1 👘		06/06/11	ALZ	
1,3,5-Trimethylbenzene	0.127	mg/kg dry	0.018	0.025	1		06/06/11	ALZ	
Benzene	0.091	mg/kg dry	0.016	0.025	1		06/06/11	ALZ	
Ethylbenzene	0.122	mg/kg dry	0.018	0.025	1		06/06/11	ALZ	
Gasoline Range Organics	5.60	mg/kg dry	5.00	5.00	¹	G2	06/06/11	ALZ	
m&p-Xylene	0.378	mg/kg dry	0.022	0.025	1		06/06/11	ALZ	
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/06/11	ALZ	
o-Xylene	0.207	mg/kg dry	0.016	0.025	1		06/06/11	ALZ	
Toluene	0.384	mg/kg dry	0.021	0.025	1		06/06/11	ALZ	

Matrix: Soil Sample ID: T-N-E Sample Date/Time: 05/24/11 0:00 Lab No.: 1105437-02 Date Dilution **Results** <u>Units</u> LOD LOQ Factor Qualifiers Analyzed <u>Analyst</u> EPA 8021B/ WI DNR GRO 1,2,4-Trimethylbenzene 0.103 mg/kg dry 0.014 0.028 06/06/11 1.1 ALZ 1,3,5-Trimethylbenzene 0.055 mg/kg dry 0.020 0.028 06/06/11 ALZ 1.1 0.018 0.028 Benzene 0.066 mg/kg dry 1.1 06/06/11 ALZ mg/kg dry Ethylbenzene 0.094 0.020 0.028 1.1 06/06/11 ALZ Gasoline Range Organics ND mg/kg dry 5.52 5.52 1.1 06/06/11 ALZ m&p-Xylene 0.282 mg/kg dry 0.024 0.028 1.1 06/06/11 ALZ Methyl Tert Butyl Ether ND 0.026 0.028 mg/kg dry 1.1 06/06/11 ALZ 0.018 0.028 o-Xylene 0.120 mg/kg dry 1.1 06/06/11 ALZ Toluene 0.282 mg/kg dry 0.023 0.028 1.1 06/06/11 ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Sample ID: T-S-E Lab No.: 1105437-03 Matrix: Soil Sample Date/Time: 05/24/11 0:00 Date Dilution Results Units LOD LOQ Factor Qualifiers Analyzed Analyst EPA 8021B/ WI DNR GRO 0.312 0.013 0.025 06/06/11 ALZ 1,2,4-Trimethylbenzene mg/kg dry 1 ALZ 0.153 0.018 0.025 06/06/11 1,3,5-Trimethylbenzene mg/kg dry 1 0.110 0.016 0.025 06/06/11 ALZ Benzene mg/kg dry 1 0.159 Ethylbenzene mg/kg dry 0.018 0.025 1 06/06/11 ALZ Gasoline Range Organics 7.71 mg/kg dry 5.00 5.00 1 G2 06/06/11 ALZ 06/06/11 ALZ m&p-Xylene 0.491 mg/kg dry 0.022 0.025 1 Methyl Tert Butyl Ether ND mg/kg dry 0.024 0.025 1 06/06/11 ALZ 0.274 0.016 0.025 1 06/06/11 ALZ o-Xylene mg/kg dry 0.522 0.021 0.025 1 06/06/11 Toluene ma/ka dry ALZ

Sample ID: T-N-W Matrix: Soil Sample Date/Time: 05/24/11 0:00 Lab No.: 1105437-04 Date Dilution Qualifiers Results Units LOD LOQ Analyzed Factor Analyst EPA 8021B/ WI DNR GRO 1,2,4-Trimethylbenzene 0.072 mg/kg dry 0.014 0.027 1.08 06/06/11 ALZ 0.027 1.08 06/06/11 1,3,5-Trimethylbenzene ND mg/kg dry 0.020 ALZ 0.074 0.017 0.027 1.08 06/06/11 Benzene mg/kg dry ALZ 0.076 0.020 0.027 06/06/11 ALZ Ethylbenzene mg/kg dry 1.08 ND mg/kg dry 5.42 5.42 1.08 06/06/11 ALZ Gasoline Range Organics m&p-Xylene 0.214 mg/kg dry 0.024 0.027 1.08 06/06/11 ALZ Methyl Tert Butyl Ether ND mg/kg dry 0.026 0.027 1.08 06/06/11 ALZ o-Xylene 0.094 0.017 0.027 1.08 06/06/11 ALZ mg/kg dry Toluene 0.212 0.023 0.027 1.08 06/06/11 ALZ mg/kg dry

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko Sample ID: T-W Matrix: Soil Sample Date/Time: 05/24/11 0:00 Lab No. : 1105437-05 Date Dilution Results Units LOD LOQ Factor Qualifiers Analyzed Analyst EPA 8021B/ WI DNR GRO ALZ 1.02 06/06/11 0.126 0.013 0.025 1,2,4-Trimethylbenzene mg/kg dry 1,3,5-Trimethylbenzene 0.056 mg/kg dry 0.018 0.025 1.02 06/06/11 ALZ Benzene 0.061 mg/kg dry 0.016 0.025 1.02 06/06/11 ALZ 0.090 0.018 0.025 1.02 06/06/11 ALZ Ethylbenzene mg/kg dry 1.02 06/06/11 Gasoline Range Organics ND mg/kg dry 5.10 5.10 ALZ 06/06/11 m&p-Xylene 0.300 mg/kg dry 0.022 0.025 1.02 ALZ ND 0.025 1.02 06/06/11 ALZ Methyl Tert Butyl Ether mg/kg dry 0.024 1.02 06/06/11 o-Xylene 0.137 mg/kg dry 0.016 0.025 ALZ Toluene 0.291 0.021 0.025 1.02 06/06/11 ALZ mg/kg dry

Lab No. : 1105437-06 Matrix: Soil Sample ID: T-E Sample Date/Time: 05/24/11 0:00 Date Dilution Qualifiers Analyzed Results Units LOD LOQ Factor Analyst EPA 8021B/ WI DNR GRO 06/06/11 0.028 1,2,4-Trimethylbenzene 0.146 mg/kg dry 0.014 1.1 ALZ 0.028 06/06/11 ALZ 0.065 0.020 1.1 1,3,5-Trimethylbenzene mg/kg dry 0.076 mg/kg dry 0.018 0.028 1.1 06/06/11 ALZ Benzene 0.028 06/06/11 Ethylbenzene 0.112 mg/kg dry 0.020 1.1 ALZ ND 5.52 5.52 1.1 06/06/11 ALZ Gasoline Range Organics mg/kg dry m&p-Xylene 0.368 mg/kg dry 0.024 0.028 1.1 06/06/11 ALZ Methyl Tert Butyl Ether ND 0.027 0.028 1.1 06/06/11 ALZ mg/kg dry 06/06/11 ALZ o-Xylene 0.018 0.028 1.1 0.163 mg/kg dry 06/06/11 Toluene 0.374 mg/kg dry 0.023 0.028 1.1 ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO.: Corner Store REPORT NO.: 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE: 06/08/11 15:16 PREPARED BY: BMS

Attn: Ken Shimko Sample ID: P.I.

Matrix: Soil

Sample Date/Time: 05/24/11 0:00

Lab No.: 1105437-07

					Dilution		Date	
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Factor	<u>Qualifiers</u>	Analyzed	<u>Analyst</u>
EPA 8021B/ WI DNR GRO								
1,2,4-Trimethylbenzene	9.24	mg/kg dry	0.065	0.125	5		06/07/11	ALZ
1,3,5-Trimethylbenzene	3.56	mg/kg dry	0.090	0.125	5		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.080	0.125	5		06/07/11	ALZ
Ethylbenzene	1.54	mg/kg dry	0.090	0.125	5		06/07/11	ALZ
Gasoline Range Organics	.213	mg/kg dry	25.0	25.0	5	G8	06/07/11	ALZ
m&p-Xylene	5.94	mg/kg dry	0.110	0.125	5		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.120	0.125	5		06/07/11	ALZ
o-Xylėne	2.39	mg/kg dry	0.080	0.125	5		06/07/11	ALZ
Toluene	1.28	mg/kg dry	0.105	0.125	5		06/07/11	ALZ

Sample ID: Piping	Matrix: Soil		Sample	e Date/Tir	ne: 05/2	4/11 0:00	Lab No. : 1	105437-08
• • •	Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	<u>Analyst</u>
EPA 8021B/ WI DNR GRO								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.013	0.025	1		06/06/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/06/11	ALZ
Benzene	ND	mg/kg dry	0.016	0.025	1	2	06/06/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/06/11	ALZ
Gasoline Range Organics	ND	mg/kg dry	5.00	5.00	1		06/06/11	ALZ
m&p-Xylene	0.108	mg/kg dry	0.022	0.025	1		06/06/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/06/11	ALZ
o-Xylene	ND	mg/kg dry	0.016	0.025	1		06/06/11	ALZ
Toluene	0.056	mg/kg dry	0.021	0.025	1		06/06/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko Sample ID: N-E PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Sample Date/Time: 05/25/11 0:00

Lab No.: 1105437-09

EPA 8021B	Results	<u>Units</u>	<u>LOD</u>	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
1,2,4-Trimethylbenzene	0.483	mg/kg dry	0.014	0.027	1.07		06/06/11	ALZ
1,3,5-Trimethylbenzene	0.158	mg/kg dry	0.019	0.027	1.07		06/06/11	ALZ
Benzene	0.131	mg/kg dry	0.017	0.027	1.07		06/06/11	ALZ
Ethylbenzene	0.107	mg/kg dry	0.019	0.027	1.07		06/06/11	ALZ
m&p-Xylene	0.354	mg/kg dry	0.023	0.027	1.07		06/06/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.026	0.027	1.07		06/06/11	ALZ
Naphthalene	0.373	mg/kg dry	0.019	0.027	1.07		06/06/11	ALZ
o-Xylene	0.197	mg/kg dry	0.017	0.027	1.07		06/06/11	ALZ
Toluene	0.187	mg/kg dry	0.022	0.027	1.07		06/06/11	ALZ

Matrix: Soil

Sample ID: N-W	Matrix: Soil		Sample	e Date/Tir	me: 05/2	5/11 0:00	Lab No. : 1	105437-10
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	0.415	mg/kg dry	0.016	0.031	1.24		06/07/11	ALZ
1,3,5-Trimethylbenzene	0.155	mg/kg dry	0.022	0.031	1.24		06/07/11	ALZ
Benzene	0.157	mg/kg dry	0.020	0.031	1.24		06/07/11	ALZ
Ethylbenzene	0.138	mg/kg dry	0.022	0.031	1.24		06/07/11	ALZ
m&p-Xylene	0.431	mg/kg dry	0.027	0.031	1.24		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.030	0.031	1.24		06/07/11	ALZ
Naphthalene	0.153	mg/kg dry	0.022	0.031	1.24		06/07/11	ALZ
o-Xylene	0.231	mg/kg dry	0.020	0.031	1.24		06/07/11	ALZ
Toluene	0.135	mg/kg dry	0.026	0.031	1.24		06/07/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko Sample ID: S-E PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Sample Date/Time: 05/25/11 0:00

Lab No. : 1105437-11

	Results	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	0.062	mg/kg dry	0.015	0.029	1.15		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
m&p-Xylene	0.145	mg/kg dry	0.025	0.029	1.15		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.027	0.029	1.15		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ
Toluene	0.104	mg/kg dry	0.024	0.029	1.15		06/07/11	ALZ

Matrix: Soil

Sample ID: S-W	Matrix: Soil		Sample	e Date/Tir	me: 05/2	5/11 0:00	Lab No. : 1	105437-12
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date Analyzed	Analyst
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.014	0.027	1.07		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.019	0.027	1.07		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.017	0.027	1.07		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.019	0.027	1.07		06/07/11	ALZ
m&p-Xylene	0.121	mg/kg dry	0.024	0.027	1.07		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.026	0.027	1.07		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.019	0.027	1.07		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.017	0.027	1.07		06/07/11	ALZ
Toluene	0.085	mg/kg dry	0.022	0.027	1.07		06/07/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Attn: Ken Shimko				PREPA	RED DI.	DIVIS		
Sample ID: W-S	Matrix: Soil		Sampl	e Date/Ti	me: 05/2	25/11 0:00	Lab No. : 1	105437-13
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.014	0.027	1.06		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.019	0.027	1.06		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.017	0.027	1.06		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.019	0.027	1.06		06/07/11	ALZ
m&p-Xylene	0.127	mg/kg dry	0.023	0.027	1.06		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.026	0.027	1.06		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.019	0.027	1.06		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.017	0.027	1.06		06/07/11	ALZ
Toluene	0.098	mg/kg dry	0.022	0.027	1.06		06/07/11	ALZ

Sample ID: W-N

Matrix: Soil

Sample Date/Time: 05/25/11 0:00

Lab No.: 1105437-14

	Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.015	0.029	1.15		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
m&p-Xylene	0.126	mg/kg dry	0.025	0.029	1.15		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.028	0.029	1.15		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.021	0.029	1.15		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.018	0.029	1.15		06/07/11	ALZ
Toluene	0.089	mg/kg dry	0.024	0.029	1.15		06/07/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Sample ID: E-N	Matrix: Soil		Sample	e Date/Tir	me: 05/2	5/11 0:00	Lab No. : 1	105437-15
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	0.097	mg/kg dry	0.013	0.025	1		06/07/11	ALZ
1,3,5-Trimethylbenzene	0.071	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.016	0.025	1		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
m&p-Xylene	0.123	mg/kg dry	0.022	0.025	1		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/07/11	ALZ
Naphthalene	0.103	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.016	0.025	1	,	06/07/11	ALZ
Toluene	0.070	mg/kg dry	0.021	0.025	1		06/07/11	ALZ

Sample ID: E-S	Matrix: Soil		Sample	e Date/Tir	me: 05/2	5/11 0:00	Lab No. : 1	105437-16
	Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	ND	mg/kg dry	0.013	0.025	1		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
Benzene	ND	mg/kg dry	0.016	0.025	1		06/07/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
m&p-Xylene	0.105	mg/kg dry	0.022	0.025	1		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/07/11	ALZ
Naphthalene	ND	mg/kg dry	0.018	0.025	1		06/07/11	ALZ
o-Xylene	ND	mg/kg dry	0.016	0.025	1		06/07/11	ALZ
Toluene	0.064	mg/kg dry	0.021	0.025	1		06/07/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

PROJECT NO. : Corner Store REPORT NO. : 1105437 DATE REC'D: 05/27/11 16:10 REPORT DATE : 06/08/11 15:16 PREPARED BY : BMS

Sample ID: MeOH Blank	Matrix: Soil		Sampl	e Date/Ti	me: 05/2	5/11 0:00	Lab No. : 1	1105437-17
	Results	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	ND	mg/kg	0.013	0.025	1		06/07/11	ALZ
1,3,5-Trimethylbenzene	ND	mg/kg	0.018	0.025	1		06/07/11	ALZ
Benzene	ND	mg/kg	0.016	0.025	1		06/07/11	ALZ
Ethylbenzene	ND	mg/kg	0.018	0.025	1		06/07/11	ALZ
m&p-Xylene	ND	mg/kg	0.022	0.025	1		06/07/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg	0.024	0.025	1		06/07/11	ALZ
Naphthalene	ND	mg/kg	0.018	0.025	1		06/07/11	ALZ
o-Xylene	ND	mg/kg	0.016	0.025	1		06/07/11	ALZ
Toluene	ND	mg/kg	0.021	0.025	1		06/07/11	ALZ
							1	
WI DNR GRO								
GROs	ND	mg/kg	5.00	5.00	1		06/07/11	ALZ

Qualifier Descriptions

G8

G2

The chromatogram is characteristic for weathered gasoline, however either additional peaks are present or PVOC peaks are not proportional to weathered gasoline indicating the presence of additional compounds. The chromatogram is characteristic of a weathered gasoline.

Definitions

LOD = Limit of Detection (Dilution Corrected) LOQ = Limit of Quantitation (Dilution Corrected) Reporting Limit = LOQ (Dilution Corrected) ND = Not Detected COMP = Complete SUBCON = Subcontracted analysis mv = millivolts pci/L = picocuries per Liter mL/L = milliliters per Liter mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO and EPA 8021methanol and WI DNR methylene chloride preserved soils.

(WNC) = The required Wisconsin DNR program certification is not held for this analyte.

ug/l = Micrograms per Liter = parts per billion (ppb) ug/kg = Micrograms per kilogram = parts per billion (ppb) mg/l = Milligrams per liter = parts per million (ppm) mg/kg = Milligrams per kilogram = parts per million (ppm) NOT PRES = Not Present ppth = Parts per thousand * = Result outside established limits. mg/m3 = Milligrams per meter cubed ng/L = Nanograms per Liter = Parts per trillion(ppt) > = Greater Than

Methanol Soils for WI GRO and EPA 8021 are reported to the LOQ.

SIEMENS
Client: <u>Meridian Env. Consulting</u> Date Received: <u>5</u> , 27, 11 1105437 Analytical Number: <u>-1</u> through <u>-17</u>
Check all deviations from the EPA or WDNR sample protocol.
[] Sample(s) received at°C which is above the EPA and WDNR limit of 4°C.
[] VOC vial(s) received with headspace.
 Sample(s) received in bottles not furnished by Siemens Water Technologies. The preservation method, if used, is unknown.
 Sample(s) were not properly preserved per EPA or WDNR protocol for the following analyses:
 Sample(s) were received beyond the EPA/WDNR holding time for the following analyses:
[] Sample date/time not supplied by client. Actual holding time is unknown.
 GRO / PVOC / VOC / DRO (circle) sample(s) are <19.5 grams. This report is the qualifier flag for that QC failure. The client has been contacted for further instructions. Analytical number(s) of the sample(s) under weight are:
$ \begin{array}{c} \textbf{K} = \begin{array}{c} \textbf{GRO/PVOC/VOC} (circle) \text{ sample(s)} \text{ were between 26.4 and 35.4 grams. Methanol was} \\ \textbf{added in a 1:1 ratio in the lab. Analytical number(s) of the sample(s) affected are:} \\ \textbf{M} = \begin{array}{c} 11:05437-1A & 74ml \\ \textbf{M} & -3A & tanl \\ \textbf{M} & -214 & tanl \\ \textbf{M} & -214 \\ \textbf{M} & -216 \\ \textbf{M} &$
 GRO / PVOC / VOC / DRO (circle) sample(s) are >35.4 grams and are required to be rejected. This report is the qualifier flag for that QC failure. The client has been contacted for further instructions. Analytical number(s) of the sample(s) affected are:
] Other problems:
Stient contacted concerning the above deviations:
notified of the above deviation(s) on //_@
contact name am/pm byand the client ordered the following:
 Proceed with analyses as ordered. Proceed with analyses after taking the following corrective action:
[] Do NOT proceed with analyses.
mens Water Technologies Corp. 301 West Military Road Tel: (800)338-7226 Rothschild, WI 54474 Fax: (715)355-3221

MENS							19.262	
Company Name Manidian Env.	Cs Hg,	Project	(207	na	r	Store	
Mondran ENU. Report Mailing Address Z711 N. Felio Fall Cre.	R.D. ek. WI	Contact Na	me, Phone	, Fax, E	mail 211	S	timko-6608	
Invoice Address	5-4742	Purchase C	Order #		Inv	oice Co	ntact and Phone No.	
Matrix: Drinking Water Groundwater Wastewater foil/Solid of	ner:		Analyses	Reques	ted		Lab Use Only Delivered by: Walk-in Courier	
Wis. PECFA Project subject to U&C? (Yes) No							Shin Cont OK2 Q N NA	
Turnaround Request: [/] Normal (10 Bus. Days) [] Rush (Must be pre-approved by Lab ar Date Needed:	-	oc truch					Samples Leaking? Y N NA Seals OK? N NA Rec'd on Ice? N NA Sample Receiving Comments:	
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Chain of Custody Record

Relinquisned By:	Date	Time	Received By:
Att 1-	5-1-1		
	5-26-11	m	
	5-27-11	1610	Jua Haden

سے Siemens Water Technologies 301 W. Military Rd. Rothschild, WI 54474 1-800-338-7226

MENS	1 pg- 1 6 2
Company Name <u>Menidian</u> Enu-CSH Report Mailing Address Z711 N. Elco 24 Fall Creek, WI Invoice Address 54742	Project Corner Store Contact Name, Phone, Fax, Email Ken Shimlo 715-832-6603 Purchase Order # Invoice Contact and Phone No.
Matrix: Drinking Water Groundwater Wastewater Soil/Solid Other:	Analyses Requested Lati Use Only Delivered by: Walk-in: Couriel Ship. Cont. OK?
Wis. PECFA Project subject to U&C? No For Compliance Monitoring? Yes No For Compliance Monitoring? Yes No (If Yes, please specify Agency or Regulation) Agency/Reg.:	Samples Leaking? Y NA Seals OK? N NA Rec'd on Ice? N NA Sample Receiving Comments:
Lab Use Sample No. of Containers Sa Ohly Date Time Comp Grab	ample Sector Comments
T-S	
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Chain of Custody Record

June 13, 2011

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

REPORT NO.: 1106075

PROJECT NO.: Fosters Corner Store

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received June 3, 2011.

All analyses were performed in accordance with TNI Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Industry, Inc. for your analytical needs.

Sincerely,

Siemens Industry, Inc.

Bruce Schertz

Lab Manager Enviroscan Analytical[™] Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Industry, Inc. Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Industry, Inc. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature. The contents of this report apply to the sample(s) analyzed. No duplication of this report is allowed except in its entirety.

Reviewed by:

Certifications: Wisconsin 737053130 Minnesota 055-999-302 Illinois 100317



Siemens Industry, Inc.

301 West Military Road Rothschild, WI 54474 Tel: 800-338-7226 Fax: 715-355-3221 www.siemens.com/enviroscan

The total number of pages in this report, including this page is 6.

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SAMPLE SUMMARY

Lab ld 1106075-01 Client Sample Id Old Tank 4-6'
 Date/Time
 Matrix

 06/01/11
 00:00
 Soil

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

Matrix: Soil

PROJECT NO. : Fosters Corner Store REPORT NO. : 1106075 DATE REC'D: 06/03/11 12:22 REPORT DATE : 06/13/11 15:32 PREPARED BY : BMS

Sample Date/Time: 06/01/11 0:00

Lab No.: 1106075-01

	Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021B	<u>rtesuits</u>	<u>onno</u>		<u></u>	<u>1 40(0)</u>	duumoro	maryzou	Anansi
1,2,4-Trimethylbenzene	0.096	mg/kg dry	0.013	0.025	1		06/09/11	ALZ
1,3,5-Trimethylbenzene	0.152	mg/kg dry	0.018	0.025	1		06/09/11	ALZ
Benzene	ND	mg/kg dry	0.016	0.025	1		06/09/11	ALZ
Ethylbenzene	ND	mg/kg dry	0.018	0.025	1		06/09/11	ALZ
m&p-Xylene	0.167	mg/kg dry	0.022	0.025	1		06/09/11	ALZ
Methyl Tert Butyl Ether	ND	mg/kg dry	0.024	0.025	1		06/09/11	ALZ
Naphthalene	0.073	mg/kg dry	0.018	0.025	1		06/09/11	ALZ
o-Xylene	0.090	mg/kg dry	0.016	0.025	1		06/09/11	ALZ
Toluene	0.084	mg/kg dry	0.021	0.025	1		06/09/11	ALZ

Qualifier Descriptions

Definitions

LOD = Limit of Detection (Dilution Corrected) LOQ = Limit of Quantitation (Dilution Corrected) Reporting Limit = LOQ (Dilution Corrected) ND = Not Detected COMP = Complete SUBCON = Subcontracted analysis mv = millivolts pci/L = picocuries per Liter mL/L = milliliters per Liter mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO and EPA 8021methanol and WI DNR methylene chloride preserved soils.

(WNC) = The required Wisconsin DNR program certification is not held for this analyte.

ug/l = Micrograms per Liter = parts per billion (ppb) ug/kg = Micrograms per kilogram = parts per billion (ppb) mg/l = Milligrams per liter = parts per million (ppm) mg/kg = Milligrams per kilogram = parts per million (ppm) NOT PRES = Not Present ppth = Parts per thousand * = Result outside established limits. mg/m3 = Milligrams per meter cubed ng/L = Nanograms per Liter = Parts per trillion(ppt) > = Greater Than

Methanol Soils for WI GRO and EPA 8021 are reported to the LOQ.

Client: Meridian	Envy. Consulting LLC Date Received: 6 1 3 1 11
Analytical Number:	Env. Consulting LLC Date Received: <u>6 / 3 / 11</u> through
Check all deviations from the EPA	or WDNR sample protocol.
[] Sample(s) received at	°C which is above the EPA and WDNR limit of 4°C.
[] VOC vial(s) received with he	eadspace.
[] Sample(s) received in bottle preservation method, if used	s not furnished by Siemens Water Technologies. The , is unknown.
	preserved per EPA or WDNR protocol for the following analyses:
	rond the EPA/WDNR holding time for the following analyses:
[] Sample date/time not supplied	d by client. Actual holding time is unknown.
[] GRO / PVOC / VOC / DRO (c for that QC failure. The clie sample(s) under weight are:	ircle) sample(s) are <19.5 grams. This report is the qualifier flag nt has been contacted for further instructions. Analytical number(s) of the
added in a 1:1 ratio in the lab.	ample(s) were between 26.4 and 35.4 grams. Methanol was Analytical number(s) of the sample(s) affected are:
[] GRO / PVOC / VOC / DRO (cir This report is the qualifier flag Analytical number(s) of the san	cle) sample(s) are >35.4 grams and are required to be rejected. for that QC failure. The client has been contacted for further instructions. nple(s) affected are:
[] Other problems:	
Client contacted concerning the above c	leviations:
	ied of the above deviation(s) on/@
contact name :am/pm by	and the client ordered the following:
[] Proceed with analyses as or	dered. taking the following corrective action:
• [] Do NOT proceed with analys	es.
	`
Siemens Water Technologies Corp.	301 West Military Road Tel: (800)338-7226 Rothschild, WI 54474 Fax: (715)355-3221

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Company Name		Project						
Company Name <u>Mariclian</u> Ehu-C Report Mailing Address Z711 N. Elco Faill Creek, I Invoice Address	Hg, LLC			Fe	ste	-)	Corner Store	
Report Mailing Address	10	Contac	t Name, F	Phone,	ax, Emai	~	15	
CALL O. Ello	4		1.	(en	51	1, m	832-6608	
Invoice Address		Purcha	ase Order	#		Invoice C	ontact and Phone No.	
S	> 4 - 7 Y C							
Matrix: Drinking Water Groundwater Wastewate Soil/Solid Other	r:		Anal	lyses R	equested		Lab Use Only Delivered by: Walk-In	Duchas
Wis. PECFA Project subject to U&C?							Ship Conti OK?	-
For Compliance Monitoring? Yes No State:		5					Samples Leaking? Y CR NA Seals OK? C N NA	
(If Yes, please specify Agency or Regulation) Agency/Reg.:		3					Rec'd on loe? 🧐 N NA	
Turnaround Request: [If Normal (10 Bus. Days)	· · · · · · · · · · · · · · · · · · ·	2					Sample Receiving Comments:	
[] Rush (Must be pre-approved by Lab and Date Needed:	is subject to surcharges)	+					arphi	
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	MAL,	1	7		6-2-11	30	_]
Chain of Custody Record	HA-							1
					à-3-11	122	Suna Anderson	

June 17, 2011

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

REPORT NO.: 1106201

PROJECT NO.: Corner Stone

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received June 10, 2011.

All analyses were performed in accordance with TNI Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Industry, Inc. for your analytical needs.

Sincerely,

Siemens Industry, Inc.

Bruce Schertz

Lab Manager Enviroscan Analytical[™] Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Industry, Inc. Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Industry, Inc. reserves the right to return samples identified as hazardous. Release of this Final Report is authorized as verified by the following signature. The contents of this report apply to the sample(s) analyzed. No duplication of this report is allowed except in its entirety.

Reviewed by: _____

Certifications: Wisconsin 737053130 Minnesota 055-999-302 Illinois 100317



Siemens Industry, Inc.

301 West Military Road Rothschild, WI 54474

Tel: 800-338-7226 Fax: 715-355-3221 www.siemens.com/enviroscan

The total number of pages in this report, including this page is 13.

SAMPLE SUMMARY

Lab Id	<u>Client Sample Id</u>	Date/Time	<u>Matrix</u>
1106201-01	MW-1	06/09/11 00:00	Ground Water
1106201-02	MW-2R	06/09/11 00:00	Ground Water
1106201-03	MW-3	06/09/11 00:00	Ground Water
1106201-04	MW-4	06/09/11 00:00	Ground Water
1106201-05	MW-5	06/09/11 00:00	Ground Water
1106201-06	MW-6	06/09/11 00:00	Ground Water
1106201-07	MW-7	06/09/11 00:00	Ground Water
1106201-08	MW-8	06/09/11 00:00	Ground Water
1106201-09	PZ-1	06/09/11 00:00	Ground Water
1106201-10	Amundson	06/09/11 00:00	Ground Water
1106201-11	Rosen	06/09/11 00:00	Ground Water
1106201-12	Crosby-Nelson	06/09/11 00:00	Ground Water
1106201-13	Park	06/09/11 00:00	Ground Water
1106201-14	T-1	06/09/11 00:00	Ground Water
1106201-15	Trip Blank	06/09/11 00:00	Water

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Attn: Ken Shimko Sample ID: MW-1

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No. : 1106201-01

	Results	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date Analyzed	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	0.801	ug/L	0.400	2.00	1	J.	06/15/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/15/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		06/15/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/15/11	ALZ
m&p-Xylene	1.03	ug/L	0.620	2.10	1	J	06/15/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/15/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		06/15/11	ALZ
o-Xyiene	ND	ug/L	0.770	2.00	1		06/15/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/15/11	ALZ

Sample ID: MW-2R

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No.: 1106201-02

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	903	ug/L	20.0	100	50		06/16/11	ALZ
1,3,5-Trimethylbenzene	290	ug/L	22.0	100	50		06/16/11	ALZ
Benzene	1530	ug/L	15.5	100	50		06/16/11	ALZ
Ethylbenzene	765	ug/L	25.0	100	50		06/16/11	ALZ
m&p-Xylene	3330	ug/L	31.0	105	50		06/16/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	15.0	100	50		06/16/11	ALZ
Naphthalene	199	ug/L	100	133	50		06/16/11	ALZ
o-Xylene	1540	ug/L	38.5	100	50		06/16/11	ALZ
Toluene	5260	ug/L	18.5	100	50		06/16/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Attn: Ken Shimko Sample ID: **MW-3**

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No. : 1106201-03

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	240	ug/L	20.0	100	50		06/16/11	ALZ
1,3,5-Trimethylbenzene	71.7	ug/L	22.0	100	50	J	06/16/11	ALZ
Benzene	3270	ug/L	15.5	100	50		06/16/11	ALZ
Ethylbenzene	445	ug/L	25.0	100	50		06/16/11	ALZ
m&p-Xylene	520	ug/L	31.0	105	50		06/16/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	15.0	100	50		06/16/11	ALZ
Naphthalene	127	ug/L	100	133	50	J	06/16/11	ALZ
o-Xylene	293	ug/L	38.5	100	50		06/16/11	ALZ
Toluene	255	ug/L	18.5	100	50		06/16/11	ALZ

Sample ID: MW-4

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No.: 1106201-04

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/16/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/16/11	ALZ
Benzene	ND .	ug/L	0.310	2.00	1		06/16/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/16/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/16/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/16/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		06/16/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/16/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/16/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Attn: Ken Shimko Sample ID: **MW-5**

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No. : 1106201-05

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/16/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/16/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		06/16/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/16/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/16/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/16/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		06/16/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/16/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/16/11	ALZ

Sample ID: MW-6 Matrix: Ground Water Sample Date/Time: 06/09/11 0:00 Lab No.: 1106201-06 Date Dilution **Results** <u>Units</u> LOD LOQ Factor Qualifiers Analyzed Analyst EPA 8021B 1,2,4-Trimethylbenzene ND ug/L 0.400 2.00 06/16/11 ALZ 1 ND 0.440 2.00 06/16/11 1,3,5-Trimethylbenzene ug/L 1 ALZ Benzene 23.7 ug/L 0.310 2.00 1 06/16/11 ALZ Ethylbenzene ND 0.500 2.00 06/16/11 ALZ ug/L 1 ND 0.620 2.10 06/16/11 ALZ m&p-Xylene ug/L 1 Methyl Tert Butyl Ether ND ug/L 0.300 2.00 1 06/16/11 ALZ 2.66 06/16/11 Naphthalene ND ug/L 2.00 1 ALZ o-Xylene ND 0.770 2.00 1 06/16/11 ALZ ug/L Toluene ND 0.370 2.00 1 06/16/11 ALZ ug/L

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Sample ID: MW-7	Matrix: Ground Water		Sample	e Date/Tii	Lab No. : 1106201-07			
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	<u>Qualifiers</u>	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/15/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/15/11	ALZ
Benzene	ND	ug/L	0.310	2.00	[.] 1		06/15/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/15/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/15/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/15/11	ALZ
Naphthalene	ND ·	ug/L	2.00	2.66	1		06/15/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/15/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/15/11	ALZ

Sample ID: MW-8

Attn: Ken Shimko

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No.: 1106201-08

	Results	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8021B	<u></u>				<u> </u>			<u>,</u>
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/15/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/15/11	ALZ
Benzene	ND	ug/Ľ	0.310	2.00	1		06/15/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/15/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/15/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/15/11	ALZ
Naphthalene	ND ·	ug/L	2.00	2.66	1		06/15/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/15/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/15/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Sample Date/Time: 06/09/11 0:00

Lab No.: 1106201-09

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
<u>EPA 8021B</u>	•							
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/15/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/15/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		06/15/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/15/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/15/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	. 1		06/15/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		06/15/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/15/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/15/11	ALZ

Sample ID: Amundson

Attn: Ken Shimko

Sample ID: PZ-1

Matrix: Ground Water

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No. : 1106201-10

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/15/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/15/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		06/15/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/15/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/15/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/15/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	- 1		06/15/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/15/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/15/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko Sample ID: Rosen PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Sample Date/Time: 06/09/11 0:00

Lab No.: 1106201-11

				Dilution		Date	<i>I</i>	
<u>Results</u>	<u>Units</u>	LOD	LOQ	Factor	<u>Qualifiers</u>	<u>Analyzed</u>	<u>Analyst</u>	
ND	ug/L	0.400	2.00	1		06/16/11	ALZ	
ND	ug/L	0.440	2.00	1		06/16/11	ALZ	
ND	ug/L	0.310	2.00	1		06/16/11	ALZ	
ND	ug/L	0.500	2.00	1		06/16/11	ALZ	
ND	ug/L	0.620	2.10	1		06/16/11	ALZ	
ND	ug/L	0.300	2.00	1		06/16/11	ALZ	
ND	ug/L	2.00	2.66	1		06/16/11	ALZ	
ND	ug/L	0.770	2.00	1		06/16/11	ALZ	
ND	ug/L	0.370	2.00	1		06/16/11	ALZ	
	ND ND ND ND ND ND ND	ND ug/L ND ug/L ND ug/L ND ug/L ND ug/L ND ug/L ND ug/L ND ug/L	ND ug/L 0.400 ND ug/L 0.440 ND ug/L 0.310 ND ug/L 0.500 ND ug/L 0.620 ND ug/L 0.300 ND ug/L 0.300 ND ug/L 0.770	ND ug/L 0.400 2.00 ND ug/L 0.440 2.00 ND ug/L 0.310 2.00 ND ug/L 0.500 2.00 ND ug/L 0.620 2.10 ND ug/L 0.300 2.00 ND ug/L 0.300 2.00 ND ug/L 0.300 2.00 ND ug/L 2.00 2.66 ND ug/L 0.770 2.00	Results Units LOD LOQ Factor ND ug/L 0.400 2.00 1 ND ug/L 0.440 2.00 1 ND ug/L 0.310 2.00 1 ND ug/L 0.310 2.00 1 ND ug/L 0.500 2.00 1 ND ug/L 0.620 2.10 1 ND ug/L 0.300 2.00 1 ND ug/L 0.300 2.00 1 ND ug/L 0.300 2.00 1 ND ug/L 0.00 2.00 1 ND ug/L 2.00 2.66 1 ND ug/L 0.770 2.00 1	Results Units LOD LOQ Factor Qualifiers ND ug/L 0.400 2.00 1 ND ug/L 0.440 2.00 1 ND ug/L 0.310 2.00 1 ND ug/L 0.500 2.00 1 ND ug/L 0.620 2.10 1 ND ug/L 0.300 2.00 1 ND ug/L 0.0770 2.00 1	Results Units LOD LOQ Factor Qualifiers Analyzed ND ug/L 0.400 2.00 1 06/16/11 ND ug/L 0.440 2.00 1 06/16/11 ND ug/L 0.310 2.00 1 06/16/11 ND ug/L 0.310 2.00 1 06/16/11 ND ug/L 0.500 2.00 1 06/16/11 ND ug/L 0.620 2.10 1 06/16/11 ND ug/L 0.300 2.00 1 06/16/11 ND ug/L 0.300 2.00 1 06/16/11 ND ug/L 0.300 2.00 1 06/16/11 ND ug/L 0.770 2.00 1 06/16/11	

Sample ID: Crosby-Nelson

Matrix: Ground Water

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No. : 1106201-12

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/16/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/16/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		06/16/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/16/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/16/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/16/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		06/16/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/16/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/16/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Sample Date/Time: 06/09/11 0:00

Lab No. : 1106201-13

EPA 8021B	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/16/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/16/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		06/16/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/16/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	. 1		06/16/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/16/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		06/16/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/16/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		06/16/11	ALZ

Sample ID: T-1

Attn: Ken Shimko Sample ID: Park

Matrix: Ground Water

Matrix: Ground Water

Sample Date/Time: 06/09/11 0:00

Lab No. : 1106201-14

					Dilution		Date	
	<u>Results</u>	<u>Units</u>	<u>LOD</u>	LOQ	Factor	Qualifiers	Analyzed	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	2.74	ug/L	2.00	10.0	5	J	06/16/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	2.20	10.0	5		06/16/11	ALZ
Benzene	421	ug/L	1.55	10.0	5		06/16/11	ALZ
Ethylbenzene	30.1	ug/L	2.50	10.0	5		06/16/11	ALZ
m&p-Xylene	ND	ug/L	3.10	10.5	5		06/16/11	ALZ
Methyl Tert Butyl Ether	ND "	ug/L	1.50	10.0	5		06/16/11	ALZ
Naphthalene	ND	ug/L	10.0	13.3	5		06/16/11	ALZ
o-Xylene	9.42	ug/L	3.85	10.0	5	J	06/16/11	ALZ
Toluene	5.95	ug/L	1.85	10.0	5	J	06/16/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

PROJECT NO. : Corner Stone REPORT NO. : 1106201 DATE REC'D: 06/10/11 17:11 REPORT DATE : 06/17/11 12:13 PREPARED BY : BMS

Sample ID: Trip Blank	Matrix: Water		Sample	e Date/Ti	me: 06/0	Lab No. : 1106201-15		
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
EPA 8021B								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		06/15/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		06/15/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		06/15/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		06/15/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		06/15/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		06/15/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		06/15/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		06/15/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1	i	06/15/11	ALZ

Qualifier Descriptions

J

Estimated concentration below laboratory quantitation level.

Definitions

LOD = Limit of Detection (Dilution Corrected) LOQ = Limit of Quantitation (Dilution Corrected) Reporting Limit = LOQ (Dilution Corrected) ND = Not Detected COMP = Complete SUBCON = Subcontracted analysis mv = millivolts pci/L = picocuries per Liter mL/L = milliliters per Liter mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO and EPA 8021methanol and WI DNR methylene chloride preserved soils.

(WNC) = The required Wisconsin DNR program certification is not held for this analyte.

ug/l = Micrograms per Liter = parts per billion (ppb) ug/kg = Micrograms per kilogram = parts per billion (ppb) mg/l = Milligrams per liter = parts per million (ppm) mg/kg = Milligrams per kilogram = parts per million (ppm) NOT PRES = Not Present ppth = Parts per thousand * = Result outside established limits. mg/m3 = Milligrams per meter cubed ng/L = Nanograms per Liter = Parts per trillion(ppt) > = Greater Than

Methanol Soils for WI GRO and EPA 8021 are reported to the LOQ.

P2. 16 2

Company Name		Project							
Report Mailing Address Z74(N- Elcor Fall Crack	5/19.	Cor	ner	Store					
Report Mailing Address	\mathcal{D}	Corner Store Contact Name, Phone, Fax, Email Ken Shimles 715-832-6608							
CAA K	ιψ		Ken	SUINC 3					
Invoice Address	with	Purchase Order #	715						
	54742	Purchase Order #		ce Contact and Phone No.					
				· · ·					
Matrix: Drinking Water Groundwater Wastewater Soil/Solid Ot	her:			Lab Use Only					
		Analyses	Requested	Delivered by www.www.walkans.competer					
Wis. PECFA Project subject to U&C? Yes No				Ship Cont. OK? Samples Leaking? Seals OK? Rec'd on ice? N NA					
For Compliance Monitoring? Yes No State: (If Yes, please specify Agency or Regulation) Agency/Reg.:		7		Seals OK? OF N NA Rec'd on loe? N NA					
	<u></u>	122							
Turnaround Request: [JAvormal (10 Bus. Days) [] Rush (Must be pre-approved by Lab ar	nd is subject to surpharges)	2		Sample Receiving Comments:					
Date Needed:	-								
WONO WILL WONO		20		3.0					
		0							
Lab.⊍se Sample No. of Containers Only Date Time Comp Grab	Sample ID	A l		Comments					
- 6/9/11 And	MW-1	X		BuzlaHCL					
3 7 7 21 21 21	MW-ZR								
	aw-3								
	MW-4								
	MW-5								
	MW-6								
<i>h</i>	Alter-7								
	dew-8			· · · · · ·					
8	PZ-1								
-10	Amundson	V							
	Relinquished By:		Date T	ime Received By:					
Chain of Custody Record			- <u> </u>						
Record									
			610-11 17	111 Seen Auden					

MENS			V9. 262							
Company Name Meridian Erw. Cs.	Project	orner	Stand I							
Report Mailing Address		Contact Name, Phone, Fax, Email (Cn Shim/O 715-832-6608								
Invoice Address	Purchase Order #	Invoice Con	tact and Phone No.							
Matrix: Drinking Water Groundwater Wastewater Soil/Solid Other:	Analyses		ab Use Only							
WIS. PECFA Project subject to U&C? (res No For Compliance Monitoring? Yes No State:			Delivered by: Walk-in Quite Ship Conti OK? Quite Samples Leaking? Y N NA Seals OK? V N NA Rec'd on Ice? O N NA							
Turnaround Request: [[Normal (10 Bus. Days) [] Rush (Must be pre-approved by Lab and is subject to surce Date Needed:	narges)		Sample Receiving Comments:							
Lab Use Sample No. of Containers Sam Only Date Time Comp Grab ID			30 Comments							
-12 6-9-11 AM Resen -12 Crosby-1 -13 V Payl			Buizle Hel							
-14 -75 Trip Bl	auk L		2 vist ttce 4-19-1(
			+ 15163							
Relinquished B		Date Time	Received By:							
Chain of Custody Record		6/9/4 3pm								
	· · · · · · · · · · · · · · · · · · ·	610-11 174	Seen Andeen							

Siemens Water Technologies 301 W. Military Rd. Rothschild, WI 54474 1-800-338-7226



October 10, 2011

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

Attn: Ken Shimko

REPORT NO.: 1109437

PROJECT NO.: Ridgeland

Please find enclosed the analytical report, including the Sample Summary, Sample Narrative and Chain of Custody for your sample set received September 29, 2011.

All analyses were performed in accordance with TNI Standards using approved methods as indicated on this report.

If you have any questions about the results, please call. Thank you for using Siemens Industry, Inc. for your analytical needs.

Sincerely,

Siemens Industry, Inc.

Bruce Schertz

Lab Manager Enviroscan Analytical[™] Services

I certify that the data contained in this report has been generated and reviewed in accordance with the Siemens Industry, Inc. Quality Assurance Program. Exceptions, if any, are discussed in the sample narrative. Samples will be retained for 30 days from the date of this report, then disposed in an appropriate manner. Siemens Industry, Inc. reserves the right to return samples identified as hazardous. Release of this Final Report Is authorized as verified by the following signature. The contents of this report apply to the sample(s) analyzed. No duplication of this report is allowed except in its entirety.

Reviewed by: markda

Certifications: Wisconsin 737053130 Minnesota 055-999-302 Illinois 100317



Siemens Industry, Inc.

301 West Military Road Rothschild, WI 54474

Tel: 800-338-7226 Fax: 715-355-3221 www.siemens.com/enviroscan

The total number of pages in this report, including this page is 12.

SAMPLE SUMMARY

Lab_Id	<u>Client Sample Id</u>	Date/Time	Matrix
1109437-01	MW-1	09/28/11 00:00	Ground Water
1109437-02	MW-2R	09/28/11 00:00	Ground Water
1109437-03	MW-3	09/28/11 00:00	Ground Water
1109437-04	MW-4	09/28/11 00:00	Ground Water
1109437-05	MW-5	09/28/11 00:00	Ground Water
1109437-06	MVV-6	09/28/11 00:00	Ground Water
1109437-07	MW-7	09/28/11 00:00	Ground Water
1109437-08	MW-8	09/28/11 00:00	Ground Water
1109437-09	PZ-1	09/28/11 00:00	Ground Water
1109437-10	Amundson	09/28/11 00:00	Ground Water
1109437-11	Rosen	09/28/11 00:00	Ground Water
1109437-12	Crosby	09/28/11 00:00	Ground Water
1109437-13	Trip Blank	09/28/11 00:00	Water
1109437-14	T-1	09/28/11 00:00	Ground Water

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Ridgeland REPORT NO. : 1109437 DATE REC'D: 09/29/11 10:17 REPORT DATE : 10/10/11 12:27 PREPARED BY : BMS

Sample Date/Time: 09/28/11 0:00

Attn: Ken Shimko Sample ID: MW-1

· · ·			•					
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	NĎ	ug/L	0.400	2.00	1		10/05/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/05/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/05/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/05/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/05/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/05/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/05/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/05/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/05/11	ALZ

Sample ID: MW-2R

Matrix: Ground Water

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

Lab No.: 1109437-02

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	1110	ug/L	4.00	20.0	10		10/05/11	ALZ
1,3,5-Trimethylbenzene	466	ug/L	4.40	20.0	10		10/05/11	ALZ
Benzene	1260	ug/L	3.10	20.0	10		10/05/11	ALZ
Ethylbenzene	1070	ug/L	5.00	20.0	10		10/05/11	ALZ
m&p-Xylene	1970	ug/L	6.20	21.0	10		10/05/11	ALZ
Methyl Tert Butyl Ether	53.2	ug/L	3.00	20.0	10		10/05/11	ALZ
Naphthalene	343	ug/L	20.0	26.6	10		10/05/11	ALZ
o-Xylene	12.9	ug/L	7.70	20.0	10	J	10/05/11	ALZ
Toluene	70.5	ug/L	3.70	20.0	10	L	10/05/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Ridgeland REPORT NO. : 1109437 DATE REC'D: 09/29/11 10:17 REPORT DATE : 10/10/11 12:27 PREPARED BY : BMS

Attn: Ken Shimko Sample ID: **MW-3**

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

Lab No.: 1109437-03

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	373	ug/L	4.00	20.0	10		10/05/11	ALZ
1,3,5-Trimethylbenzene	79.6	ug/L	4.40	20.0	10		10/05/11	ALZ
Benzene	1860	ug/L	6.20	40.0	20		10/07/11	ALZ
Ethylbenzene	404	ug/L	5.00	20.0	10		10/05/11	ALZ
m&p-Xylene	525	ug/L	6.20	21.0	10		10/05/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	3.00	20.0	10		10/05/11	ALZ
Naphthalene	104	ug/L	20.0	26.6	10		10/05/11	ALZ
o-Xylene	248	ug/L	7.70	20.0	10		10/05/11	ALZ
Toluene	39.2	ug/L	3.70	20.0	10		10/05/11	ALZ

Sample ID: MW-4

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/05/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/05/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/05/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/05/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/05/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/05/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/05/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/05/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/05/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Ridgeland REPORT NO. : 1109437 DATE REC'D: 09/29/11 10:17 REPORT DATE : 10/10/11 12:27 PREPARED BY : BMS

Attn: Ken Shimko Sample ID: MW-5

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

Lab No.: 1109437-05

	Results	<u>Units</u>	LOD	LOQ	Dilution Factor	Qualifiers	Date Analvzed	<u>Analyst</u>
EPA 8021B	<u>Nesure</u>	011103	LOD		1 40101	duamero	Analyzed	Analyst
1,2,4-Trimethylbenzene	ND .	ug/L	0.400	2.00	1		10/05/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/05/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/05/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/05/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/05/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/05/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/05/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/05/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/05/11	ALZ

Sample ID: MW-6

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/05/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/05/11	ALZ
Benzene	40.8	ug/L	0.310	2.00	1		10/05/11	ALZ 🔄
Ethylbenzene	1.90	ug/L	0.500	2.00	1	J	10/05/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/05/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/05/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/05/11	ALZ
o-Xylene	1.08	ug/L	0.770	2.00	1	L	10/05/11	ALZ
Toluene	0.552	ug/L	0.370	2.00	1	J·	10/05/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742

PROJECT NO. : Ridgeland REPORT NO. : 1109437 DATE REC'D: 09/29/11 10:17 REPORT DATE : 10/10/11 12:27 PREPARED BY : BMS

Sample ID: MW-7	Matrix: Grour	nd Water	Sample Date/Time: 09/2			8/11 0:00	Lab No. : 1	109437-07
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B			•					
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/05/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/05/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/05/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/05/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/05/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/05/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/05/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/05/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/05/11	ALZ

Sample ID: MW-8

Attn: Ken Shimko

Matrix: Ground Water

,

Sample Date/Time: 09/28/11 0:00

	<u>Results</u>	Units	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/06/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/06/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/06/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/06/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/06/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/06/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/06/11	ALZ
o-Xyiene	ND	ug/L	0.770	2.00	1		10/06/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/06/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Ridgeland REPORT NO. : 1109437 DATE REC'D: 09/29/11 10:17 REPORT DATE : 10/10/11 12:27 PREPARED BY : BMS

Sample Date/Time: 09/28/11 0:00

Lab No. : 1109437-09

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	Analyst
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	ND	úg/L	0.400	2.00	1		10/06/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/06/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/06/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/06/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/06/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/06/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/06/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/06/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/06/11	ALZ

Sample ID: Amundson

Attn: Ken Shimko Sample ID: PZ-1

Matrix: Ground Water

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/06/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/06/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1 -		10/06/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/06/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/06/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	, 1		10/06/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/06/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/06/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/06/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Ridgeland REPORT NO. : 1109437 DATE REC'D: 09/29/11 10:17 REPORT DATE : 10/10/11 12:27 PREPARED BY : BMS

Attn: Ken Shimko Sample ID: Rosen

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

Lab No.: 1109437-11

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B								
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/06/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/06/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/06/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/06/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/06/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/06/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/06/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/06/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/06/11	ALZ

Sample ID: Crosby

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>			0.400	0.00			10/00/44	A1 7
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/06/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/06/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/06/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/06/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/06/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/06/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/06/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/06/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/06/11	ALZ

Meridian Environmental Consulting, LLC 2711 North Elco Road Fall Creek, WI 54742 PROJECT NO. : Ridgeland REPORT NO. : 1109437 DATE REC'D: 09/29/11 10:17 REPORT DATE : 10/10/11 12:27 PREPARED BY : BMS

Sample ID: Trip Blank	Matrix: Water		Sample	e Date/Tii	Lab No. : 1	109437-13		
	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
EPA 8021B	•							
1,2,4-Trimethylbenzene	ND	ug/L	0.400	2.00	1		10/07/11	ALZ
1,3,5-Trimethylbenzene	ND	ug/L	0.440	2.00	1		10/07/11	ALZ
Benzene	ND	ug/L	0.310	2.00	1		10/07/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/07/11	ALZ
m&p-Xylene	ND	ug/L	0.620	2.10	1		10/07/11	ALZ
Methyl Tert Butyl Ether	ND	ug/L	0.300	2.00	1		10/07/11	ALZ
Naphthalene	ND	ug/L	2.00	2.66	1		10/07/11	ALZ
o-Xylene	ND	ug/L	0.770	2.00	1		10/07/11	ALZ
Toluene	ND	ug/L	0.370	2.00	1		10/07/11	ALZ

Sample ID: T-1

Attn: Ken Shimko

Matrix: Ground Water

Sample Date/Time: 09/28/11 0:00

	<u>Results</u>	<u>Units</u>	LOD	LOQ	Dilution <u>Factor</u>	Qualifiers	Date <u>Analyzed</u>	<u>Analyst</u>
<u>EPA 8021B</u>								
1,2,4-Trimethylbenzene	4.54	ug/L	0.400	2.00	1		10/07/11	ALZ
1,3,5-Trimethylbenzene	1.26	ug/L	0.440	2.00	1	J	10/07/11	ALZ
Benzene	83.7	ug/L	0.310	2.00	1		10/07/11	ALZ
Ethylbenzene	ND	ug/L	0.500	2.00	1		10/07/11	ALZ
m&p-Xylene	6.30	ug/L	0.620	2.10	1		10/07/11	ALZ
Methyl Tert Butyl Ether	2.03	ug/L	0.300	2.00	1		10/07/11	ALZ
Naphthalene	2.42	ug/L	2.00	2.66	1	J	10/07/11	ALZ
o-Xylene	10.7	ug/L	0.770	2.00	1		10/07/11	ALZ
Toluene	2.80	ug/L .	0.370	2.00	1		10/07/11	ALZ

Qualifier Descriptions

J

Estimated concentration below laboratory quantitation level.

Definitions

LOD = Limit of Detection (Dilution Corrected) LOQ = Limit of Quantitation (Dilution Corrected) Reporting Limit = LOQ (Dilution Corrected) ND = Not Detected COMP = Complete SUBCON = Subcontracted analysis mv = millivolts pci/L = picocuries per Liter mL/L = milliliters per Liter mg = milligram

When the word "dry" follows the units on the result page the sample results are dry weight corrected.

LODs and LOQs are dry weight corrected for all soils except WI GRO and EPA 8021methanol and WI DNR methylene chloride preserved soils.

(WNC) = The required Wisconsin DNR program certification is not held for this analyte.

ug/l = Micrograms per Liter = parts per billion (ppb) ug/kg = Micrograms per kilogram = parts per billion (ppb) mg/l = Milligrams per liter = parts per million (ppm) mg/kg = Milligrams per kilogram = parts per million (ppm) NOT PRES = Not Present ppth = Parts per thousand * = Result outside established limits. mg/m3 = Milligrams per meter cubed ng/L = Nanograms per Liter = Parts per trillion(ppt) > = Greater Than

Methanol Soils for WI GRO and EPA 8021 are reported to the LOQ.

19-162

Company Name	·····	Droject			
Menidiag Ener	esity.	Ri	dsel	kad	
Menidian Ener. Report Mailing Address ZZII N. Elco Fall Cree Invoice Address	20	Contact Name, Phone,	Fax, Email	Shinks	-832-660
Invoice Address	54742	Purchase Order #	Invoid	e Contact and Phone No	<u> </u>
	•				
Matrix: Drinking Water Groundwater Wastewater Soil/Solid Ot	her:	Analyses F	Requested	Lab Use Only Delivered by:	Walksin
Wis. PECFA Project subject to U&C? Yes No				Ship Conti OK? Samples Leaking?	
For Compliance Monitoring? Yes No State: (If Yes, please specify Agency or Regulation) Agency/Reg.:		7		Seals ØK? Redd on ice?	
Turnaround Request: [, Normal (10 Bus. Days) [] Rush (Must be pre-approved by Lab a Date Needed:	nd is subject to surcharges)	- Nep		Sample Receiving	
WOND NOQ 437	•••	014			314
Lab Use Sample No. of Containers Only Date Time Comp Grab	Sample ID			Comments	
9/28/11 AM	MW-1	4		Zuials	HCR
	-ZR				s Hel
3	~3			3vial	itle
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	-6				
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Chain of Custody					
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			anau	//	
			92911 10	7 Le	en Arden

Siemens Water Technologies 301 W. Military Rd. Rothschild, WI 54474 1-800-338-7226

Pg 262

Jun Andrean

Company Name Man. d. au					Project Ridge Jan ()						
Report Mailing Addre	ess				Contact Name, Phone, Fax, Email Ken Shimb						
Invoice Address					Purcha	ise Or	der #		In	voice Con	tact and Phone No.
Matrix: Drinking Water Groundwater Wastewater Soil/Solid Other:							Analyses	Reques	ted		as use only Delivered by: Walk-in
Wis. PECFA Project subject to U&C? Yes No For Compliance Monitoring? Yes No State:				t Naph						Delivered by: Walk-in Courier Ship Cont: OK? N NA Samples Leaking? N NA Seals OK? N NA Redd on Ice? N NA Sample Receiving:Gomments	
WO No:				·	5						3. 4
Lab Use	Sample ate Time	No. of Co Comp	ontainers Grab	Sample ID	0		-				Comments
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Record

Siemens Water Technologies 301 W. Military Rd. Rothschild, WI 54474 1-800-338-7226

929-11 1017

APPENDIX C

WELL ABANDONMENT FORMS SOIL BORING LOGS MONITORING WELL CONSTRUCTION FORMS

MW-2

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

Well / Drillhole / Borehole Filling & Sealing Form 3300-005 (R 4/08) Page 1 of

Page 1 of 2

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

	Route to:		
wernication Only of Fill and Seal		Matershed/Wastewater	oment
4. Well Location Information	<u> </u>	2 Facility / Owner Information	
County WI Unique Well # of	Hicap #	Facility Name	
□ Verification Only of Fill and Seal □ Drinking Water 1 Well Location Information 2. Fac County MI Unique Well # of □ Dunn Removed Well □ Dunn Facility I Latiitude / Longitude (Degrees and Minutes) Method Code (see instructions) □ dunn 'N Latiitude / Longitude (Degrees and Minutes) Method Code (see instructions) □ dunn 'N Value N Well Street Address N (DD Tenne Well City, Village or Town Well ZIP Code City of Pr Subdivision Name Reason For Removal From Service MI Unique Well # of Replacement Well ■ Construction Type: Driginal Construction Date (mm/dd/yyyy) Street Gold Construction Report is available, please attach. Water Well If a Well Construction Report is available, please attach. Drilled Driven (Sandpoint) Dug Mid Unconsolidated Formation Bedrock Screen Contraction Type: Contraction Bedrock Screen I Sublive IDepth From Ground Surface (ft.) Casing Depth (ft.) Sealing Mattwin wat		Corner Store	
		Easility ID (EID or DM(S)	
Lattitude / Longitude (Degrees and Minutes) Method	Code (see instructions	s)	
° 'N		License/Permit/Monitoring #	
° 'W			
Villa Section Town	shin Range	Original Well Owner	
		Present Well Owner	
	_		
	Mell ZIP Code	Mailing Address of Present Owner	
	Lot #	City of Present Owner State ZIP Code	
		Ridgeland Wit	
Reason For Removal From Service WI Unique Well #	f Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material	
Excavation		Pump and piping removed?] _{N/A}
3. Well / Drillhole / Borehole Information		Liner(s) removed?] _{N/A}
Original Construction	Date (mm/dd/yyyy)] _{N/A}
	-10	Casing left in place?	N/A
Water Well If a Well Constructio	n Report is available,		N/A
			N/A
			N/A
Drilled Driven (Sandpoint)	Dug		N/A
Other (specify):		If bentonite chips were used, were they hydrated	/
Formation Type:		with water from a known safe source?	N/A
		Conductor Pipe-Gravity Conductor Pipe-Pumped	
		Screened & Poured Other (Explain)	
~	· · ·		
		Neat Cement Grout Clay-Sand Slurry (11 lb./gal.	1. 14/1 \
		Sand-Cement (Concrete) Grout Bentonite-Sand Slurry "	•••••
Was well annular space grouted?	No Unknown	Concrete Bentonite Chips	
	feet)	For Monitoring Wells and Monitoring Well Boreholes Only:	
		Image: Markowski American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American American Science Image: Markowski American Science Image: Markowski American Science Image: Markowski American Am	
5. Material Used To Fill Well / Drillhole		Erom (#) To (#) No. Yards, Sacks Sealant Mix Ratio or	
1 - l - te		Surface 15 \sim 12 μ Mud Weight	APARTS:
			·
		V	
6. Comments			
7. Supervision of Work		DNR Use Only	
Name of Person or Firm Doing Filling & Sealing License	# Date of Fillin	ng & Sealing (mm/dd/yyyy) Date Received Noted By	

T. oupervision of			Lo Maller Mile Science and	Alter of the Alter of the second		And the second of the second second second second	
Name of Person or F	irm Doing	Filling & Sealing	License #	Date of F	illing & Sealing (mm/dd/yyyy)	Date Received	Noted By
Meridian	ENU.	cs1tg.	1061		5-24-11		
Street or Route Z711	N- 1	Elis DD		fr (elephone Number 7(5)832-6608	Comments	
City Fall	Cr.	at I	State ZIP Code WI 547	242	Signature of Person Doing V	Nork	Date Signed. 5-Z6-U
					112		

State of Wisconsin Department of Natural Resources Route to: Watershed/Wastewater Wastewater Waste Management MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Icocal Grid Location of Well Facility/Project Name Icocal Grid Location of Well Facility/Project Name Icocal Grid Location of Well Finite State MWell Name MWell Name MWell Name
Fight Stors - Kidy cland ft : : : : : : : : : : : : : : : : : :
Facility ID St. Planeft. N,ft. E, S/C/N Date Well Installed 6/10/2010
Type of Well Installed By: Name (first, last) and Firm
Distance from Waste/ Enf. Sides. Location of Well Relative to Waste/Source download in the second seco
A. Protective pipe, top elevationC ft. MSL I. Cap and lock?
B. Well casing, top elevation ft. MSL a. Inside diameter:
C. Land surface elevation C ft. MSL b. Longth: D. Surface seal, bottom ft. MSL or ft ft ft (. Material: Other (. Material: (. Material: Other (. Material: (
12. USCS classification of soil near screen:
SM I SC I ML MHI CL I CH I Bentonite I 30. Bedrock I 3. Surface scals
13. Sieve analysis performed? □ Yes □ No Other □ Other □ 14. Drilling method used: Rotary □ 5 0 4. Material between well casing and protective pipe; Other □
Hollow Stem Auger 1 41 Other 1 Other 1 Other 1 Other 1 Other 1
15. Drilling fluid used: Water [] 0 2 0 1 Drilling Mud [] 0 3 None [] 99 5. Annular space scal: a. Granular/Chipped Bentonite [N] 3 3 b. Lbs/gal mud weight b. Lbs/gal mud weight b. Lbs/gal mud weight b. Lbs/gal mud weight
16. Drilling additives used? Yes I No d % Bentonite Bentonite-cement grout 5 0 e Ft volume added for any of the above
Describe f. How installed: Tremie 🗆 01 17. Source of water (attach analysis, if required):
6. Bentonite seal: a. Bentonite granules [] 3 3
E. Bentonite seal, top fr. MSL or ft.
P. Fine sand, top fr. MSL or ft.
G. Filter pack, top ft. MSL or ft. b. Volume added ft. b. Volume added ft. B. Filter pack material: Manufacturer, product name & mesh size
a Sarch
I. Well boltomft. MSL orft. 9. Well casing: Flush threaded PVC schedule 40 2 3
J. Filler pack, bottom ft_MSL or f
K. Borchole, bottom ft. MSL or _ 16.5_ft. 10. Screen material: Factory cut A 11
L Borehole, diameter in.
M. O.D. well casing in. d. Slot size: 01_ in. d. Slotted length:0 ft.
N. I.D. well casing in. 11, Backfill material (helow filter pack): None 🔍 1.4
hereby certify that the information on this form is true and correct to the best of my knowledge.
Menidian Envirence-tel Estig.

····

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

SB-K

Signature

Route	To:

SOIL BORING LOG INFORMATION Form 4400-122 Rev. 7-98 Watershed/Wastewater

Environment

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Facility/Project N	ame		<u> </u>		Lice	nse/Pe	mit/M	onitoria	ng Nur	nber	Borin	g Num	her			$\overline{\Lambda}$
		mar	21000										<	>15	<u>- 01</u>	<u>d</u> Te
First Name:	y: Nan	ne of crew chief (: Last Name:	3[a()]	1 Firm		Drillir	ig Start		Date	Drillin	zCom , Ζ℃		1			
Finn:	M	idwest "	ENG				/ <u>ZØ</u>	<u>y</u> y		/ 🕯 🖥		_y _y		145	A	
VI Unique Well		DNR Well ID N	<u> </u>	ame	Final		Water	Level	Surfac	ce Elev	ation		Borch	ole Di	ameter	
							_Fcct I				_Feet		L	i	inches	
ocal Grid Origin tate Plane	□ (e	stimated: D) or N.	Boring Loc	ation □ E	1 1	at	0	• n	Local	Grid L					ΠE	
1/4 of	1/4 o	f Section	T N. I	R	1.0	ng	0	*1		F	eet ⊡	IN IS		Feet		
acility ID		County		K	County C		Civil	Town/	City40	π Villa	ge /		0			
		<u> </u>) uni	L				-	5	idg		inc	<u>×</u>		r	
Sample	(jece)									<u>├</u>	Soil	Prope	rties		1	
말면 끝	Depth in Feet (Below ground surface)	Soi	il/Rock Descri Geologic Ori							Compressive Strength					5	
	h in	J	Each Major U			CS	.g	Tan -	FID	ness	ent	ii d	icity x	0	, men	
and Type Length Att. Recovered (Blow Coun	le di					US	Graphic Log	Well Diagram	PID/FID	L L L	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments	
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Min This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Firm

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

Well / Drillho	ole / Borehole Fillir	ng &	Sealing
Form 3300-005		0	Page 1 of

Page 1 of 2

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

SB- old tank basin

Verification Only of	Fill and Seal	Drinking Water		ershed/Wastewater	Remed	liation/Redevelopment
1. Well Location Informat		Waste Managen				
	and the second	licen #	A DATE OF A	wner Information		
	moved Well	licap #	Facility Name	orner Sto		
			E-alling ID (CID as		re	
Lattitude / Longitude (Degrees		Code (see instructions	s)			
° ·	'N		License/Permit/M	onitoring #		
· · · · · · · · · · · · · · · · · · ·	'w					
1/a 1 1/a 1/a	Section Town	ship Range E	Original Well Owr	ner		
or Gov't Lot #		N Hw				
Well Street Address	 		Present Well Own	ier		
100 Ton	nor St.		Mailing Address o	f Present Owner		
Well City, Village or Town		Well ZIP Code	g			
Ridgeland Subdivision Name		54763	City of Present Ov	vner	State	ZIP Code
		Lot #			·	
Reason For Removal From Ser	vice MI Unique Well #	of Replacement Well	4. Pump, Liner,	Screen, Casing & Se	aling Materi	al
Sod boring			Pump and pipin	a removed?		
3. Well / Drillhole / Borehol	e Information		Liner(s) remove	•		
	Original Construction	Date (mm/dd/yyyy)	Screen removed	1?	\Box_{Y}	
Monitoring Well	6-1-	- 11	Casing left in pla	ace?		
Water Well	If a Well Construction	Report is available,	Was casing cut	off below surface?	\square_{Y}	
Borehole / Drillhole	please attach.		Did sealing mate	erial rise to surface?		es 🗆 No 🖽 N/A
Construction Type:	· · · · · · · ·	ק		le after 24 hours?		es 🔲 No 🖽 N/A
	(Sandpoint)	Dug		ole retopped?		
Other (specify):			with water from a	were used, were they hy known safe source?		es 🗆 No 🎽 N/A
Formation Type:				Placing Sealing Material		
Unconsolidated Formation	Bedrock		Conductor Pip			
Total Well Depth From Ground S	urface (ft.) Casing Diar	. ,	(Bentonite Chi		olain):	
Lower Drillholo Diamator (in)			Sealing Materials	- · · ·]	
Lower Drillhole Diameter (in.)	Casing Dep	tn (π.)				Slurry (11 lb./gal. wt.)
			Concrete	(Concrete) Grout	Bentonite-S	and Slurry "
Was well annular space grouted?	L Yes	No 🛄 Unknown		سا and Monitoring Well Bor		nps
If yes, to what depth (feet)?	Depth to Water (fe		Bentonite Chip	. ĭ	onite - Cement	Grout
· · · ·	~ 4	A.	Granular Bento	onite 📃 Bento	onite - Sand Sl	
5. Material Used To Fill Well / D	rillhole		From (ft.) To (f	L) No. Yards, Sacks or Volume (circ	s Sealant	Mix Ratio or Mud Weight
soil cut	tives + L	, lonte	Surface 10	N/2 L	69	
					0	<u> </u>
······································						
6. Comments	a series and the series of the					ar statistica angle ing National angle ing
		· · · · · · · · · · · · · · · · · · ·				
Supervision of Work Jame of Person or Firm Doing Filli	ing & Sealing License	# Data of Silling	n & Cooling (mm/d	and the second	DNR Use Or Noted	
Mer. d. an Enu. C			1g & Sealing (mm/do	d/yyyy) Date Received	NOTEO	9 7
street or Route	1	Tolo	nhono Numbor	Comments		
Z711 N. E ity Fall Cree	100 Ref	71	5)832-66	08		
city CDD and	F State Z		ignature of Person I		Date S	
Fall cree	K WI	5474 4	12	`>	6-	2-1

•	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Local Grid Location of We		Well Name
Corner Store	R	$ \begin{array}{c} \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \text{\tiny N}. \\ \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \text{\tiny S}. \end{array} \begin{array}{c} \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} \\ \begin{array}{c} \text{\tiny f.} \end{array} \begin{array}{c} \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} \\ \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} & \overset{\text{\tiny H}}{\underset{\text{\tiny H}}} \\ \end{array} \end{array} $	MW-ZR
Facility License, Permit or Monitoring No	Local Grid Origin 🔲 (es	imated:) or Well Location "Long"	r
Facility ID		. N, fl. E. S/C/N	Date Well Installed $\frac{1}{m} \frac{1}{m} \frac{1}{d} \frac{1}{d} \frac{1}{y} \frac{2911}{y}$
Type of Well Well Code /	1/4 of 1/4 of S	x,,TN,ROW	
Distance from Waste/ Enf. Stds.	Location of Well Relative to	Waste/Source Gov. Lot Number	
Sourceft. Apply	d Downgradient n		Midwest Eng.
A. Protective pipe, top elevation	_ Q_ ft_MSL	1. Cap and lock?	
B. Well casing, top elevation	∑.∑_ fl. MSL	A. Inside diameter	
C. Land surface elevation	Q_ fL MSL	b. Length:	nL - I - fL
	- the second second	c. Material:	Steel Da 04
D. Surface seal, bottom ft. MS	Lor fl.		Other 🛛 🌉
12. USCS classification of soil near screen		d. Additional pro	
OP GM GC GW S	W I SP I	If yes, describe	3;
GP GM GC GW GS SM SC ML MH C Bedrock		3. Surface scal:	Bentomite 🛛 30
	es E No		Concrete 🖉 01
			Other D
14. Drilling method used: Rota Hollow Stem Au	ary 🗆 50	4. Material Derween	well easing and protective pipe: Bentonite 🖽 30
			Other 🗆 💥
	her ∐ ‱ 01 one Ø 99 ≈5 Ø No	5. Annular space sea	
15. Drilling fluid used: Water 1 0 2	Air 🗆 01 🛛 👹		ud weight Bentonite-sand slurry 35
Drilling Mud 🗆 0 3 N	me 🖉 99		nd weight Bentonite slurry [] 3.1
	i i i i i i i i i i i i i i i i i i i		te Bentonite-cement grout [] 50
16. Drilling additives used?	es JA. No		volume added for any of the above
Describe		f. How installed:	Tremie 🔲 01
Describe 17. Source of water (attach analysis, if requir			Tremie pumped 🔲 02
17. Source of which (anach anarysis, if fequin			Gravity 🗆 08
		6. Bentonite seal:	a. Bentunite granules [] 33
E. Bentonite scal, topft, MSL	orft.	b. □1/4 m. □3/	8 in. □1/2 in. Bentonite chips 🗷 3 2 Other □
F. Fine sand, top fl. MSL	or3ft.	7. Fine sand meterial:	Manufactorer, product name & mesh size
G. Filter pack, top	x3_ft	a b. Vo)ume added	f1 ³
		8. Filter pack material	: Manufacturer, product name & mesh size
I. Screen joint, top ft. MSL of		ah. Volume added	fi ³
			Flush threaded PVC schedule 40 Z 23 Flush threaded PVC schedule 80 I 24
Filter pack, bottom ft_MSL o	r_19 ft		Other D
Borehole, bottom ft. MSL o	r_ <u>14</u>	10. Screen material: a. Screen type:	Factory cut 🗗 11
Borehole, diameter in.			Continuous slot 🛛 01
I. O.D. well casing -2 in.		b. Manufacturer c. Slot size:	0in.
I.D. well casing $2 - m$.		\ d. Slotted length: 11, Backfill material (be	
ereby certify that the information on this form			Other 🛙 🦉
	all in terms and correct to the he	st of my knowledge	

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

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	waste Manaj	gement 🛄	
Remediation/Redevelo	pment 🔲 Other 🛄 _		· · · · ·
Facility/Project Name Courses Store	Duny Dung		MW-ZR
	inty Code Wis. Unique V	Vell Number DNF	R Well ID Number
1. Can this well be purged dry? Image: Yes 2. Well development method surged with bailer and bailed Image: Yes surged with bailer and pumped 61 surged with block and pumped 62 surged with block and pumped 62 surged with block and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 70 3. Time spent developing well 30 4. Depth of well (from top of well casisng)		Water $b = \frac{6}{m m} / \frac{1}{d} / \frac{7}{y}$ $c = \frac{1}{m} = \frac{1}{m}$ wellinch	$\frac{\text{nent After Development}}{\text{ft}} = \underbrace{\mathcal{NM}}_{\text{ft}} \text{ft}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}_{\text{ft}} \text{ft}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}_{\text{ft}} \text{ft}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}_{\text{ft}} \text{ft}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}_{\text{ft}} \frac{\mathcal{NM}}}{\mathcal{N}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}} \frac{\mathcal{NM}}{\mathcal{M}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}_{\text{ft}} \frac{\mathcal{NM}}{\mathcal{M}}} \frac{\mathcal{NM}}}{\mathcal{N}}_{\text{ft}} \frac{\mathcal{NM}}{$
5. Inside diameter of well in	·		
6. Volume of water in filter pack and well / ge	Fill in if drilling	fuids were used and well i	s at solid waste facility:
7. Volume of water removed from well $(0, -gal)$	1.		· · · ·
8. Volume of water added (if any) gal		ied mg	// mg/l
9. Source of water added	15. COD		1 mg/l
10. Analysis performed on water added?	No First Name: K	•	me: Shimko nuiroumentel Cille

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Name: Ken Last Name: Shimko	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: Men: dian Enu. C: Hg.	Signature:
Street: Z711 N. FZICO RD	Print Name: Kenneth Shimles
City/State/Zip: Fall Creek, WI 54742	Firm: Mendian Env. CS Hg., LLC

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NOTE: See instructions for more information including a list of county codes and well type codes.

SOIL BORING LOG INFORMATION Form 4400-122

Route To:

Watershed/Wastewater 🔲 Waste Management 🗍 Remediation/Revelopment Other

Page Facility/Project Name License/Permit/Monitoring Number Boring Numb MW-00 rna Boring Drilled By: Name of crew chief (first, last) and Firm Date Drilling Completed Drilling Method Date Drilling Started First Nan Last Name Black 6 201 6, 1 2011 HSA 101 <u>____</u> E d d ÿ mm'd d у у WI Unique Well No. Final Static Water Level DNR Well ID No. Vell Name Surface Elevation Borchole Diameter Feet MSL Feet MSL inches Local Grid Origin (estimated:) Local Grid Location OF Boring Location o State Plane Lat Ε ΠN 0 Long Feet□ W 1/4 of 1/4 of Section T N, R Feet 🗖 S Facility ID County Code Civil Town/City/ or lillage County unn Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (Bolow ground surfa Soil/Rock Description Blow Counts And Geologic Origin For Plasticity Index RQD/ Comment Number and Type USCS PID/FID Compress Strength Moisture Content Log Well Diagram Each Major Unit Liquid Graphic P 200 earth dil PC ž N 5 0 15 ROB= 14 Ft. I hereby certify that the information on this form is true and correct to the best of my knowledge. Signature Fim <u>Cs</u> Ne Env. an

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Rev. 7-98

· · · · · · · · · · · · · · · · · · ·		Management	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name Corner Store	Local Grid Location of Well N.	f. □ E.	Well Name MW-S
Facility License, Permit or Monitoring No.	Local Grid Origin 🔲 (estimated: 🔲)	or Well Location	Wis. Unique Well No. DNR Well ID No.
Facility ID	Lat 'Long''Long St. Plane fL N,	or ft. E. S/C/N	Date Well Installed 57 3(1 201)
	Section Location of Waste/Source		mm_dd y y y y
Type of Well Well Code/	1/4 of1/4 of SecT Location of Well Relative to Waste/Sour		Well Installed By: Name (first, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply	u [] Upgradient s [] Sidegrad d [] Downgradient n [] Not Kno	lient	Midwest Eng.
A. Protective pipe, top elevation	O_fLMSL	- 1. Cap and lock?	Yes 🛛 No
B. Well casing, top elevation		 2. Protective cover p a. Inside diameter 	<u>12_in.</u>
C. Land surface elevation	U_ft. MSL	b. Length:	<u> </u>
D. Surface seal, bottom ft. MS	Lor _ / ft.	c. Material:	Steel Di 04
12. USCS classification of soil near screen		d. Additional prol	
		If yes, describe	
SM SC ML MH C Bedrock		3, Surface scal:	Bentonite 🔲 30
	es 🖄 No	\mathbf{X}	Concrete 🖉 01
	ry 🗆 50	4. Material between	Other D
Hollow Stem Aug	ar 🛛 41		Bentonite 🖾 30
Oth			Other 🛛 🎆
15. Drilling fluid used: Water 🗆 0 2	Air 🗆 01	5. Annular space seal	a. Granular/Chipped Bentonite 🖉 3 3
			id weight Bentonite-sand slurry [] 35 id weight Bentonite slurry [] 31
			e Bentonite-cement grout \Box 50
16. Drilling additives used?	25 /25 No	cF1 ³	volume added for any of the above
Describe		f. How installed:	Tremie 🗖 01
17. Source of water (attach analysis, if require			Tremie pumped 🛛 02
		6. Bentonite seal:	Gravity 🗇 08 a. Benicmite granules 🗇 33
			8 in. $\Box 1/2$ in. Bentonite chips \mathbf{Z} 32
E. Bentonite seal, top ft. MSL a	orft.	/ c	Other 🛙 🎆
F. Fine sand, top ft. MSL c		7. Fine sand material:	Manufacturer, product name & mesh size
G. Filter pack, top ft. MSL c	r_3_{fl}	b. Volume added	fi ³
H. Screen joint, top ft. MSL of	<u>x 4 n</u>	,	Manufacturer, product name & mesh size
I. Well bottom	r_14ft		ft ³ Tush threaded PVC schedule 40 Z 2 3
J. Filter pack, bottom ft. MSL o	r_14_ft	I	Flush threaded PVC schedule 80 24 Other 24
K. Borchole, bottom ft. MSL o		 Screen material: a. Screen type: 	Factory cut 🖉 11
L Borehole, diameter <u>8</u> in.			Continuous slot [] 01 Other []
7	\mathbf{X}	b. Manufacturer	/
M. O.D. well casing $-\underline{Z}_{-}$ in.		c. Slot size:d. Slotted length:	0 in. fi.
N. I.D. well casing $-\frac{2}{2}$ in.		11, Backfill material (be	low filter pack): None 🖉 1 4
I hereby certify that the information on this form	n is true and correct to the best of my kn	owledge.	
Signature DA15	Firm Mar Al-on	Environme	entral CS/Hg. LLC

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

SOIL BORING LOG INFORMATION Form 4400-122

Rev. 7-98

		KO	ute To:		Vastewater [] /Revelopment [,	,	,
Facility/Proje	ect Na	me					licens	sc/Per	mit/M	onitori	ng Nur	nber	Borin	Pag- ng Num		of	
			rer		~	·					_		1	-	M	w.	
Boring Drille First Name:		Nam PG		Name:		D	Date D		g Start						Drilli		
Firm:			we				<u>ر ک</u>	, א <u>ה</u> ה	1201	<u>y</u> y		/ <u>-7</u> -a	1201	$\frac{1}{y}$ y		Ήs	SA .
WI Unique W				Well ID No.	Well Name	F	inal S	Static	Water			c Elev			Boreh	iole Di	ameter
		<u>_</u>			Ļ			_	Feet)	ISL	<u> </u>			MSL	<u> </u>	i	nches
State Plane			sumates	N,	ring Location D E		L	at	o	· · · · ·	LOCAL	Gria I	ocatio.	n IN			ΠE
1/4 of		1/4 of	f Sectio	on, T	N, R		Lon		י <u>ہ</u>		. <u> </u>		⁷ eet ⊏			_ Fee	
Facility ID				County Q L	LUN	Coun	nty Co	ode	Civil	Town/	City/o		es la	mi	Q		
Sample		(eo)			<u> </u>		T							Prope	rties		
Number and Type Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)		And Geole	k Description ogic Origin For Major Unit			USCS	Graphic Log	Well . Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	i	M4+4 0 2 5		tan Fin Well-son Well-son Well-son EOB=	e saud. tel gra	mois y et	- + + + + + + + + + + + + + + + + + + +		ц 14	NN 1 1 1 1 1 1 1 × 3" NN			wet	4			
	that	the in	format	tion on this for	m is true and co	meet to	the 1	bėst (L	knowl	èdge.				L		
nature	7					Firm					_	$\overline{}$		<u></u>			1.
11	1	1/	1/	2			Ń	Ne	nV	lia	n	En	U.	Ľ3	14	41	LC

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Waste Managemer	nt []	
Remediation/Redevelopm	nent Other		
Corner Store	Duna Duna	· · ·	1w-5
Facility License, Permit or Monitoring Number Count	y Code Wis. Unique Well 1	Number DNR W	ell ID Number
2. Well development method surged with bailer and bailed & 4 1	No 11. Depth to Water (from top of well casing)	,	$\frac{4}{-4} \cdot \frac{4}{5} = \frac{5}{6}$
surged with bailer and pumped 61 surged with block and bailed 42 surged with block and pumped 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 0	Date Time 12. Sediment in well bottom 13. Water clarity	c:] a.m. c: p.m. inches Clear 1 0	Clear [] 20
3. Time spent developing well <u><u>~</u><u>7</u><u>9</u>_min.</u>		Turbid A 1 5 (Describe)	Turbid Z 2 5 (Describe)
4. Depth of well (from top of well casisng) $- \underline{14}$. ft.			
5. Inside diameter of well in.		·	
6. Volume of water in filter pack and well, gal			
7. Volume of water removed from well $(\mathcal{O}, \underline{\mathcal{O}}, $	•	s were used and well is a	
8. Volume of water added (if any) gal.	14. Total suspended solids	mg/l	mg/i
9. Source of water added	15. COD		mg/l
10. Analysis performed on water added?	Jo First Name: Ken	: Name (first, last) and Firm Last Name Erice Eric	

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party First Name: Ken Last Name: Shimko	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: Menidian Env. C: Hq.	Signature:
Street: Z711 N. FZICO RUD	Print Name: Kenneth Shim/B
City/State/Zip: Fall Creek, WI 54742	Firm: Meridian Env. CS Hg., LLC

NOTE: See instructions for more information including a list of county codes and well type codes.

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÷		Watershed/Waste Remediation/Red		Waste Man Other 🚺 -	agement	MONITORIN Form 4400-113	G WELL C	CONSTRU Rev. 7-98	JCTION
	Facility/Project Name	Local Grid Loca	- CY37 33			Well Name			
	Corner Store						MW-6	0	
	Facility License, Permit or Monitoring No.	Local Grid Origin	n 🗌 (estimated:	: 🗆) or	Well Location	Wis. Unique W		VR Well I	D No.
	Facility ID	St. Plane	fL N,		fLE. S/C/N	Date Well Inst:	$\frac{1}{m} \frac{1}{m} \frac{3}{d}$	1/20	
	Type of Well					Well Installed	By: Name (1	first, last) e	ind Firm
	Well Code/		1/4 of Sec Relative to Waste				Black		
	Distance from Waste/ Enf. Stds.	u 🛛 Upgradier	t s Sid		Gov. Lot Number	·			
	Sourceft. Apply		dient n □ No		·	Midu	iest 1	Eng.	
	A. Protective pipe, top elevation	D_ fL MSL		1.	Cap and lock?	-	L.	Ves 📮	No
	B. Well casing, top elevation	fl. MSL -		5_2	Protective cover pi	pe:		17	_ in.
					a. Inside diameter:				
	C. Land surface elevation	$_Q$ fl MSL			b. Length:				_ ft.
	D. Surface seal, bottom ft. MS	Lor ft.			c. Material:			Steel D	
	12. USCS classification of soil near screen:				d. Additional prote	ation?		Other 🗆	
			X III IX	$\langle \rangle$	If yes, describe:		· -]Yes 🛛	190
	GP GM GC GW ST SM SC ML MH CI Bedrack			\mathbf{X}	n yes, describe.		Por	- ntonile 🛛	30
	Bedrock			3.	Surface scal:			morne D	01
	13. Sieve analysis performed?	s BNo						Other []	
	14. Drilling method used: Rote	y 🗆 50		4	Material between w	cli casing and p			
	Hollow Stem Aug					nu dron.P nur b	• •	itonite 🗄	30
•		er 🗆 🎆 📗			ì			Other 🛛	
				- 5	Annular space seal:	a. Granular/	Chipped Ben		33
	15. Drilling fiuid used: Water D 0 2 A	.ir 🗆 01			Lbs/gal mu			•	35
	Drilling Mud 🗆 0 3 No.	ne 20 99		D.		i weight			31
				d d		Bento			50
	16. Drilling additives used?	5 ØLNO				olume added for			μŪ
				С f	How installed:		•	remie 🛛	0)
	Describe						Tremie pun	mped 🔲	02
	17. Source of water (attach analysis, if require	d):						avity 🛛	08
			國 	6. B	entonite seal:	a. B	entonite gran		33
•	· · · · · · · · · · · · · · · · · · ·	~~~		b.	□1/4 in. □3/8	in. 🗆 1/2 in.	Bentonite (chips 🛃	32
:	E. Bentonite seal, topft. MSL o	rft.		/ c.	······································				
F	F. Fine sand, top ft MSL o	r2ft∖		/ 7.F	ine sand material:	Manufacturer, p	roduct name	e & mesh s	size
.0	G. Filter pack, top	<u>3_</u> t		h h	Volume added		fi3	ň	
		\ (1			lter pack material:	Manufacturer, p	product name	e & mesh	size
H	I. Screen joint, top ft. MSL or	ft.		/ a					
-	Well bottom ft. MSL or	14			Volume added		fi ³		
1.	Well boltom	14_A		9. W		ush threaded PV			23
Ŧ	Filter pack, bottom ft. MSL or	14 .	ノ間ト		FI	ush threaded PV			24
7,	Filter pack, bottomfL MSL or					PUL	Oth	her 🛛 🛔	
ͺĸ	Borchole, bottom ft. MSL or	- <u>14</u> ft.~~			reen material: Screen type:		Factory		11
,	Borehole, diameter <u>5</u> in.						Continuous s		01
1					Manufacturer		O	ther 🗆 🛓	
M	. O.D. well casing $-\frac{2}{2}$ in.		14	С.	Slot size:				in.
• -	7			•	Slotted length:				fi.
Ŋ.	I.D. well casing in.			11, Ha	ckfill material (belo	w nucr pack):		one 🖉 1 her 🔲	4
The	ereby certify that the information on this form	is true and correct	t to the best of my	v knowlede	2 .		<u>. ju</u>		<u>100</u>
	nature	Firm				10			-
6	NALE		Maridia	n Eh	wirenne	atal (<u>'s 179.</u>	,LC(•. •
<u> </u>					-		0		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 261, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

15.

Route to: Watershed/Wastewate	=	Waste Management			
Remediation/Redevek	opment	Other 🛄			
Facility/Project Name Corner Store	unty Name Duci	ич	Well Name	Mw-6	
Facility License, Permit or Monitoring Number Con	unty Code V	Wis. Unique Well N	umber I	ONR Well ID Number	F
 2. Well development method surged with bailer and bailed at 41 surged with bailer and pumped 61 surged with block and bailed 42 surged with block and pumped 62 surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 3. Time spent developing well <u>-30</u> mi <u>14</u> 	12. 13. t.	Time c Sediment in well bottom Water clarity	$\frac{3}{m} \frac{3}{m} \frac{4}{d}$	opment After Dev ft = 4 z = 0 ((6) y = y = y = m m a.m. p.m. p.m. clear = 2 Turbid $E = 2$ (Describe)	$\frac{7}{d} \stackrel{O}{=} \stackrel{fl}{=} \frac{1}{d} \frac{2}{d} \frac{2}{y} \frac{2}{y} \frac{1}{y} \frac{am}{y}}{y}$ $\frac{1}{p} \frac{am}{p} \frac{am}{p} \frac{1}{p} \frac{am}{p} \frac{1}{p} \frac{am}{p} \frac{1}{p} \frac{am}{p} \frac{1}{p} \frac{am}{p} \frac{1}{p} \frac{am}{p} \frac{1}{p} \frac{1}{p} \frac{am}{p} \frac{1}{p} \frac{1}$
5. Inside diameter of well in	n.			······	
6. Volume of water in filter pack and well (casing B	1 - 11	in if drilling fluids	were used and w	ell is at solid waste fa	cility:
7. Volume of water removed from well $-\underline{1}, \underline{2}, \underline{3}$				· _ ·	
8. Volume of water added (if any) ga		Total suspended olids	· · · · ·	mg/l	mg/1
9. Source of water added	15.0			mg/l	mg/l
10. Analysis performed on water added? Yes (If yes, attach results)	1	vell developed by: st Name: Ken n: Men-	Last	d Firm Name: Shim Enviroun	· ·

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Ken Last Name: Shimko	I hereby certify that the above information is true and correct to the best of my knowledge
Facility/Firm: Meridian Ew. C. Hy.	Signature:
Street: Z711 N. FEIO RUD	Print Name: Kenneth Shimles
City/State/Zip: Fall Creek, WI	Firm: Meridian Env. CS/19, LLC
54742	

NOTE: See instructions for more information including a list of county codes and well type codes.

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

			<u>R</u>	oute To:		Vastewater 🛄 V /Revelopment 🔲				щЦ								
					Remoniation			~ Ĺ	I						P	_	/of	(
Faci	lity/P	roject			<u> </u>		I	Licen	use/Pe	mit/M	onitori	ng Nur	nber	Borin	Pag 19 Nurr	her		<u>,-6</u>
Bori	ng Dr			ner	w chief (first, 1	ast) and Firm	 	Date I	Drillin	ig Stari	ied	Date	Drillin		nleted	Drillin		
	t Name:	5	59G	Last)	vame: Bla	LLK		۶	,31	, 2e	1)	5	.31	, <u>20</u> , <u>7</u> 7	i (1	ΉS	
Fina WI U		e Well		DNR	H EN. Well ID No.	9 . Well Name		n n 'inal S	d d Static		y y Level	m m Surfac			<u>y y</u>			ameter
Loca	I Grid	Oriei		estimated	D) or Bor	ing Location				_Feet 1 0		Local	Grid I		MSL	<u> </u>		inches
State	Plane				N	E			ai		;				Ń		_	DE
Facil	_ 1/4 (ity ID		1/4 c	of Section	County	<u>N, R</u>		Lon		Civil	Town/	City/ o			<u> S</u>	0	Fee	
<u> </u>					. O L	Lun	<u> </u>			<u> </u>		R	<u>N</u> G.				_	
San	nple		inflece)		Soil/Rock	Description							Ð	5011	Prope	lues		
ype ver	Length Att. &	Blow Counts	Depth in Feet (Below ground surface)		And Geolo	gic Origin For Asjor Unit			cs	.9	Ē	Đ,	Compressive Strength	a 문		city	_	RQD/ Comments
Number and Type	Lengt	Mole	Septh						uso	haph og	Well . Diagram	PID/FID	Streng	Moisture Content	Liquid Limit	Plasticity Index	P 200	Com
	<u> </u>	╎╴	+=-	bie	ick dit -	Grass		-+		01								
					ck lit -	n +11					Ĵ							
				e	arth	drill					PUC							
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I hereby certify that the information on this form is true and correct to the best of my knowledge.

Firm Signature Enu. , an '1£

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Facility/Project Name	Remediation/Redevelopmen Local Grid Location of We	.11	Well Name	
Corner Store	Local One Location of we	²¹¹ DN. DE L DSf. DV		w - 7
Facility License, Permit or Monitoring N	lo. Local Grid Origin 🔲 (es	timated: D) or Well Location		o. DNR Well ID N
Facility ID		fi. E. S/C	5 . W. W. T. W. T.	<u> </u>
	Section Location of Waste/	Source	m	n d d v v v
Type of Well Well Code/	1/4 of 1/4 of So Location of Well Relative to			
Distance from Waste/ Enf. Stds. Sourceft. Apply	u 🗌 Upgradient s	□ Sidegradient	Midwest	Eng.
A. Protective pipe, top elevation	_Q_fLMSL	1. Cap and lock?		Ves D N
D Well entry to alcusting	5_ fl. MSL	2. Protective cove	• •	10
B. Well casing, top elevation		a. Inside diame	iter:	12_i
C. Land surface elevation	fL MSL	b. Length:		_ <u>/</u> _ f
D. Surface seal, bottom ft. M	ISL or ft.	c. Material:		Steel Die O Other 🗆 👹
12. USCS classification of soil near scree		d. Additional p	mlection?	
		If yes, descr	•	
SM D SC D MLD MHD	аана 🖓		· · · · ·	Bentonite 🛛 3
		3. Surface scal:	-	Concrete 🖉 0
13. Sieve analysis performed?	Yes 🖾 No			Other 🛛 🎆
	tary □ 50	4. Material betwee	en well casing and protect	
Hollow Stem A	ugar 🖾 41			Bentonite 🗄 3
C	iher 🗆 🎆 🛛			Other 🛛 🎆
15. Drilling fluid used: Water 🗆 0 2	Air 🗆 01	5. Annular space s		
	None XI 99		mud weight Bentonit	
			mud weight Bent	
16. Drilling additives used?	Yes B.No		nite Bentonite- ³ volume added for any	
· · ·		f. How installed	•	Tremie D 0
Describe	📓	I. How instance		
7. Source of water (attach analysis, if requ	ired):			Gravity 🛛 08
		6. Bentonite seal:	a. Benter	nite granules 🔲 33
		ы. □1/4 in. □	13/8 in. 🗆 1/2 in. Ber	ntonite chips 🛃 32
Bentonite seal, topft. MSI	orfl.	c		Other 🛛 🎬
Fine sand, top ft. MSL	.orft.	7. Fine sand materi	al: Manufacturer, produc	
Filter pack, top ft. MSL	orft.	b. Volume addee	iń	3
Screen joint, top ft. MSL	orft.	8. Filter pack mater	ial: Manufacturer, produ	ict name & mesh size
	inter a la constante de la const	b. Volume added	1 fi	3
	α- <u>14</u> A	9. Well casing:	Flush threaded PVC scl Flush threaded PVC scl	
Filter pack, bottom ft_ MSL	or_14_ft		PUL	Other 🗆 🧱
Borcholc, bottom ft. MSL	or 14 fts	10. Screen material: a. Screen type:		Pactory cut 🖉 11
_		E. Screen type.	Conti	
Borehole, diameter in.				Other D
_		b. Manufacturer		
O.D. well casing -2 in.	4 - S.	c. Slot size:		0 in.
1.D. well casing $-\frac{2}{1-1}$ in.		d. Slotted length: 11, Backfill material (ft. None 🖉 14
-				Other 🛛 🎆
reby certify that the information on this for	rm is true and correct to the be	st of my knowledge.		

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 280, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

6

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater	Wasie Management
Remediation/Redevelopment[Other
Facility/Project Name County Name D	me Well Name MW-7
Facility License, Permit or Monitoring Number County Coo	
 Can this well be purged dry? □ Yes y No Well development method surged with bailer and bailed ↓ 41 	11. Depth to Water (from top of well casing) $\frac{\text{Before Development After Development}}{5.25 \text{ ft.} -7.50 \text{ ft.}}$
surged with bailer and pumped surged with block and bailed surged with block and pumped surged with block, bailed and pumped compressed air bailed only pumped only pumped only other 3. Time spent developing well 4. Depth of well (from top of well casisng) 5. Inside diameter of well 5. Inside diameter of	Date $\frac{6}{m m} / \frac{1}{d} / \frac{791(}{y y y y m} \frac{6}{m m} / \frac{1}{d} / \frac{201}{y y y y}$ Time $c. _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _$
6. Volume of water in filter pack and well casing gal. 7. Volume of water removed from well gal.	Fill in if drilling fluids were used and well is at solid waste facility:
. Volume of water added (if any) gal.	14. Total suspended mg/l mg/l mg/l solids
). Source of water added	15. CODmg/lmg/l
0. Analysis performed on water added?	16. Well developed by: Name (first, last) and Firm First Name: Ken Last Name: Shimko Firm: Mendian Environmental Cit

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Shimko	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: Men: dian Enu. C. Hq.	Signature:
Street: Z711 N. FZICO RD	Print Name: Kenneth Shimlb
City/State/Zip: Fall Creek, WI 54742	Firm: Meridian Env. CS Hg., LLC

15

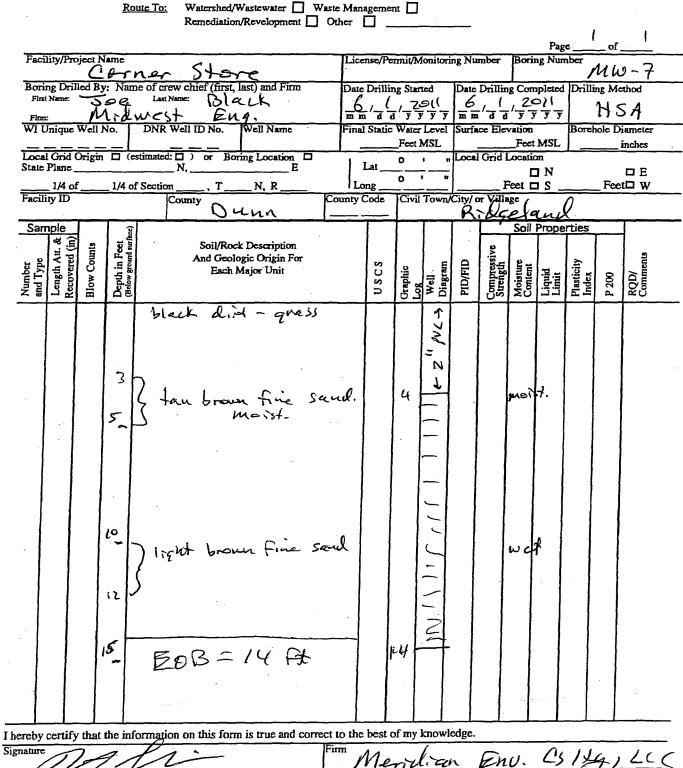
NOTE: See instructions for more information including a list of county codes and well type codes.

SOIL BORING LOG INFORMATION

Form 4400-122

Rev. 7-98

Route To:



This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

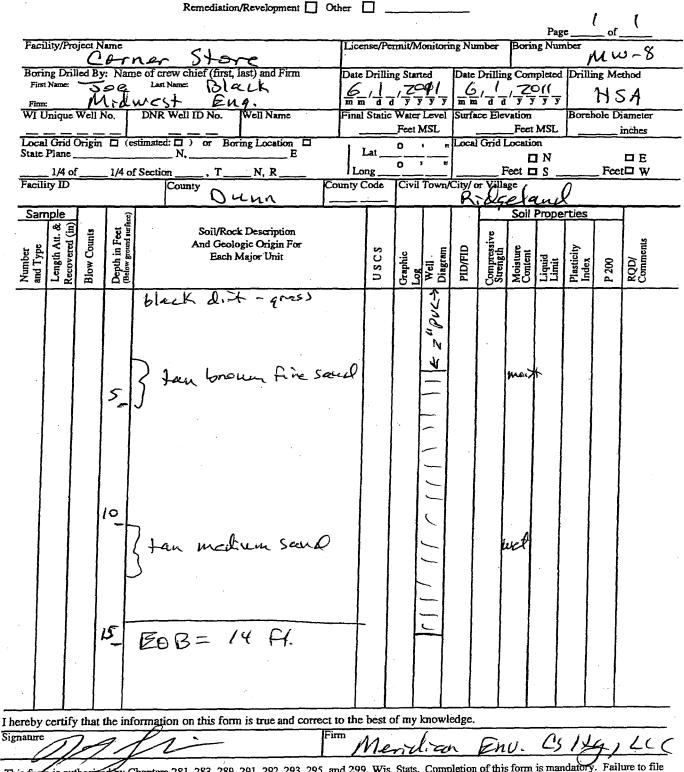
	Watershed/Wastewater		MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Remediation/Redevelopment	Other []	
	Remediation/Redevelopment	, DE	Well Name $\mathcal{M}W - \mathcal{B}$
Corner Store	<u></u>	ft. 🗄 W.	
Facility License, Permit or Monitoring No.		g or Well Location []	Wis. Unique Well No. DNR Well ID No.
Facility ID	Si. Plane fl. N, Section Location of Waste/Source	fi. E. S/C/N	Date Well Installed $\frac{6}{1}$ $\frac{1}{2911}$
Type of Well			Well Installed By: Name (first, last) and Firm
Well Code/	1/4 of 1/4 of Sec,		Joe Black
Distance from Weste/ Enf. Stds.	Location of Well Relative to Waste		
Sourceft. Apply	u 🗌 Upgradient s 🔲 Sic d 🗌 Downgradient n 🗌 No	t Known	Midwest Eng.
A. Protective pipe, top elevation	CfLMSL	I. Cap and lock?	Ves 🛛 No
B. Well casing, top elevation		a. Inside diameter:	
C. Land surface elevation $-\bigcirc$	ft MSL	b. Length:	
		c. Material:	Steel Di 04
D. Surface seal, bottom ft_MSI	or _ / ft @@@		Other 🛛 🗮
12. USCS classification of soil near screen:			
		d. Additional prote If yes, describe:	
Bedrock		3. Surface scal:	Bentomite 🔲 30
13. Sieve analysis performed?	s 🖾 No		Concrete 🖉 01
	153 553	λ	Other 🛛 🎆
	y 🗆 50	 Material between w 	cell casing and protective pipe:
Hollow Stem Aug			Bentonite 🖽 30
Oth			Other 🛛 🎆
		5. Annular space seal:	
15. Drilling fiuid used: Water [] 0 2 A	ir□01 🛛 🕅		d weight Bentonite-sand slurry 2 35
Drilling Mud 🗆 0 3 Nor			a weight Bentonite slurry D 3.1
16. Drilling additives used?	ZINO X X		Bentonite-cement grout 🗇 50
		cFi ⁻ v	olume added for any of the above
Describe		f. How installed:	Tremie 🔲 0]
17. Source of water (attach analysis, if require			Tremie pumped 🔲 02
17. Source of water (ausen analysis, if require			Gravity 🗖 08
		6. Bentonite seal:	a. Bentonite granules 🔲 33
·		ь. 🗆 1/4 in. 🗆 3/8	in. 🗆 1/2 in. Bentonite chips 🗷 32
E. Bentonite seal, topft, MSL o	fft.	/ c	Other 🗆 🏭
F. Fine sand, top ft. MSL o	<u>-</u> #	7. Fine sand material:	Manufacturer, product name & mesh size
G. Filter pack, top ft. MSL on	# A	b. Volume added	
H. Screen joint, top ft. MSL or	A.	8. Filter pack material:	Manufacturer, product name & mesh size
		b. Volume added	fi3
I. Well bottom ft. MSL or		9. Well casing: FI	ush threaded PVC schedule 40 Z 23 ush threaded PVC schedule 80 24
J. Filter pack, bottomft. MSL or		10. Screen material:	Other 🛛 🎆
K. Borehole, bottom	f.	 B. Screen type: 	Factory cut 🖾 11
L Borehole, diameter in.			Continuous slot 🔲 01
M. O.D. well casing in.	\mathbf{N}	b. Manufacturer cSlot size:	0. / in.
7		d. Slotted length:	ft.
N. I.D. well casing in.		11. Backfill material (bek	w filter pack): None 🖉 14
I hereby certify that the information on this form	is true and correct to the best of m	y knowledge.	
Signature	lr:		10 0:12 ::::
THALE	Meridia	n Environme	atal USING. LL(

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 261, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

SOIL BORING LOG INFORMATION Form 4400-122

Rev. 7-98

Route To:



Watershed/Wastewater 🔲 Waste Management 🔲

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewa	ater 🛄 🛛 W	Vasie Managemen			
Remediation/Redev	elopment 🔄 🛛 0)ther 🔲			
Facility/Project Name	Dury Name	 LM	Well Name	MW-8	
Facility License, Permit or Monitoring Number C	County Code Wi	is. Unique Well N	umber I	DNR Well ID Number	
1. Can this well be purged dry? □ Yes 2. Well development method surged with bailer and bailed □ 41 surged with bailer and pumped □ 61 surged with block and bailed □ 42 surged with block and pumped □ 62 surged with block bailed and pumped □ 70 compressed air □ 20 bailed only □ 10 pumped only □ 51 pumped slowly □ 50 Other □ 3. Time spent developing well <u>20</u> 4. Depth of well (from top of well casisng) <u>14</u> 5. Inside diameter of well <u>7</u> 7. Volume of water in filter pack and well <u>1</u> easing <u>10</u> 9. Source of water added (if any) <u>10</u>	 k No 11. 12. S 13. V min. fL in. gal. gal. 14. To 	well casing) Date Time a Sediment in well ottom Vater clarity 1 if drilling fluids otal suspended lids	a $4 \frac{6}{m}$ b $\frac{6}{m} \frac{1}{d}$ c $\frac{1}{d}$ c	opment After Develo 5 ft	A. () ZO ((
10. Analysis performed on water added?		ell developed by: Name: Ken Men:		Here: Shiml Environme	•

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Ken	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: Menidian Enu. C. Hq.	Signature:
Street: Z711 N. Felio Rip	Print Name: Kenneth Shimles
City/State/Zip: Fall Creek, WI 54742	Firm: Mendisch Env. CSHG., LLC

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NOTE: See instructions for more information including a list of county codes and well type codes.

	Watershed/Wastewater	w able wianagement	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
Facility/Project Name	Remediation/Redevelopment]
	Local Grid Location of Well		Well Name PZ-1
Corner Store	ft.		1 · · · ·
Facility License, Permit or Monitoring No.		Long or Well Location	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane ft.	N,fL.E. S/C/N	Date Well Installed 6/ (/ Zo //
Type of Well	Section Location of Waste/So		Well Installed By: Name (first, last) and Firm
Well Code /	1/4 of 1/4 of Sec		Joe Black
	Location of Well Relative to		Jos Brach
Distance from Waste/ Enf. Stds. Sourceft. Apply □	u 🗌 Upgradient s [d 🗌 Downgradient n. [Midwest Eng.
A. Protective pipe, top elevation	fLMSL	I. Cap and lock?	Ves 🗆 No
	fL MSL	2. Protective cover pi	
B. Well casing, top elevation	"L MSL -]}	a. Inside diameter.	12_ in.
	Gr L COT	b. Length:	
C. Land surface elevation	fL MSL	c. Material:	
D. Surface seal, bottom ft. MSI	ft. ft.	C. Materian	Steel Da 04
			Other 🛛 🌉
12. USCS classification of soil near screen:	- 6:2.2. A.	d. Additional prote	ction? 🗌 Yes 🗌 No
GP GM GC GW GSV		If yes, describe:	
			Bentonite 🗖 30
Bedrock 🗆		3. Surface scal:	
13. Sieve analysis performed?	s 🖪 No		Concrete 🖉 01
	633		Other 🛛 🎆
	y □ 50	4. Material between w	ell casing and protective pipe:
Hollow Stem Augo	r 図 4 1 図		Bentonite 🖽 30
Othe	r 🗆 🎆 🔰 🕅		Other 🛙 🎆
· · · · · · · · · · · · · · · · · · ·		5. Amular space seal:	
15. Drilling fluid used: Water 0 2 A	ir 🗆 0 1 🛛 👹		
	e 🛛 99		
			I weight Bentonite slurry 🏼 31
16 Dulling additions and 2 - Ver			Bentonite-cement grout 🛛 50
16. Drilling additives used?	Z No	$Fl^3 v$	olume added for any of the above
		f. How installed;	Tremie 🗖 0]
Describe	🖾	I. How instance.	
17. Source of water (attach analysis, if required	D: 😽		
			Gravity 🗆 08
		6. Bentonite seal:	a. Bentonite granules 🔲 🛛 3 3
		b. □1/4 in. □3/8	in. 1/2 in. Bentonite chips 🕰 32
E Bentonite seal, topft. MSL of	ft.	図 / c	Other 🛛 🎆
F. Fine sand, top ft, MSL or		7. Fine sand material:	Manufacturer, product name & mesh size
G. Filter pack, top ft. MSL or	ZS A. NE	b. Volume added	fi ³
O. The pack, top is while of			
H. Screen joint, top ft. MSL or	- Z5_ A.	8. Filter pack material:	Manufacturer, product name & mesh size
		b. Volume added	ft ³
I. Well bottom		9. Well casing: FI	ush threaded PVC schedule 40 Z 23
			ush threaded PVC schedule 80 🔲 24
I. Filter pack, bottom ft_ MSL or	<u>3°</u> a		
1. Filler pack, boltom ic wise of			Other D
	72 .	10. Screen material:	PUC
K. Borehole, bottom ft. MSL or	^{II}	a. Screen type:	Factory cut 🔼 11
			Continuous slot 🔲 01
L Borehole, diameter in.		24 ,	Other 🛛 🞆
		b. Manufacturer	
M. O.D. well casing in.			
M. O.D. well casing -2 in.	e f		
7		\ d. Slotted length:	fi.
N. I.D. well casing in.		11. Backfill material (belo	w filter pack): None 🖉 14 Other 🛛 🎆
I hereby certify that the information on this form	is true and correct to the best	of my knowledge.	
Signature	Firm		10
monante nalle	Mar	lien Environme	ital CS/19. LCC
			-

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

SOIL BORING LOG INFORMATION Form 4400-122 Rev. 7-98

Route To:

To:	Watershed/Wastewater 🔲 Waste Management	
	Remediation/Revelopment Other	

Page Facility/Project Name License/Permit/Monitoring Number Boring Number 0 rn Boring Drilled By: Name of crew chief (first, last) and Firm Date Drilling Completed Drilling Method Date Drilling Started 5,31,2011 First Nan Black <u>5,3(,20()</u> <u>mm'dd'yyyy</u> Last Name: HSA vest mm'dd <u>y y y y</u> Firm Borehole Diameter WI Unique Well No. Final Static Water Level Surface Elevation DNR Well ID No. Well Name Feet MSL Feet MSL inches Local Grid Origin (estimated:) Local Grid Location Boring Location OT 0 . State Plane N E Lat DΕ ПN 0 Long Feet□ W N, R Feet 🗖 S 1/4 of Section 1/4 of Facility ID County Code Civil Town/City/ or Village County unn Soil Properties Sample Length Att. & Recovered (in) Depth in Feet (Below ground surf Soil/Rock Description Blow Counts RQD/ Comments And Geologic Origin For Number and Type USCS Compressi PID/FID Moisture Content Graphic Log Well Diagram Plasticity Index Each Major Unit Liquid P 200 black dit - grass an Fine send We Ю an S 7. 30 E0 B= 30 Ft. I hereby certify that the information on this form is true and correct to the best of my knowledge. Signature Firm Ċŝ enu. Ne lian

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

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<u>Route to:</u> Watershed/Wastewa Remediation/Redeva		Waste Managemen	и <u>с</u>	
· ·	County Name	LUM	Well Name	PZ-1
Facility License, Permit or Monitoring Number C			lumber	DNR Well ID Number
 Can this well be purged dry? Q Yes Well development method surged with bailer and bailed A 1 	K No	11. Depth to Water (from top of well casing)	-	$\frac{1}{87} \frac{1}{100} = \frac{1}{100} 1$
surged with bailer and pumped61surged with block and bailed42surged with block and pumped62		Date	$\frac{6}{m}\frac{1}{m}$	$\frac{2 \Im i I}{y y y y} \frac{6}{m m} \frac{1}{d d} \frac{2 \Im I}{y y y}$
surged with block, bailed and pumped 70 compressed air 20 bailed only 10 pumped only 51 pumped slowly 50 Other 1		Time 12. Sediment in well bottom 13. Water clarity		Clear 🗹 20
Time spent developing well 30 . Depth of well (from top of well casisng) 30 .	1		(Describe)	(Describe)
Inside diameter of well	in.			
Volume of water in filter pack and well $-\frac{2}{2}$.	L F	ill in if drilling fluids	were used and	well is at solid waste facility:
Volume of water removed from well	1	4. Total suspended solids		_ mg/l mg/l
Source of water added]1.	5. COD _		_ mg/l mg/l
Analysis performed on water added?	םא ב	Well developed by: First Name: Ken		st Name: Shimko

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party First Last Name: Shimko	I hereby certify that the above information is true and correct to the best of my knowledge.
Facility/Firm: Men: dian Ew. C. Hq.	Signature:
Street: Z711 N. Félio Rip	Print Name: Kenneth Shimlb
City/State/Zip: Fall Creek, WI	Firm: Menidian Env. CS/19., LLC
54742	

NOTE: See instructions for more information including a list of county codes and well type codes.

APPENDIX D

POTABLE WELL LOGS

WISCONSIN U Source: WE				MY57	74	State of Wi-Private Department Of Nation Madison, WI 5370			Form (Rev ()2/02)bw
Property MOCH, CRA	IG/THE CORNER STORE	. <u></u>	Telepho	^{one} 715 –	949-1230	1. Well Location		i	Depth 39	F
Mailing HWY 25 Address			Number	r		T=Town C=City T of WILSON			Fire#	
City RIDGELAND	St	ate WI	Zip Co	ode	54763	Street Address or Ro HWY 25	oad Name an	d Number		
County of Well Location 17 DUNN	n Co Well Per W	rmit No	Well C	Completion May 3, 1		Subdivision Name		Lot#	Block	<#
Well Constructor	Li		cility ID			Gov't Lot or SW	1/4 of NE	1/4 of Section	16 T 31	N;R 12
DAVID M BEECROF	Τ		705512			Latitude	Deg. 45	Min.	12.2059	
Address 3142 15TH ST	•	Pu	blic Well	l Plan Appro	oval#	Longitude	Deg 91	Min.	53.6913	
City FREDERIC	State Zip C WI 548		te Of Ap	proval		2. Well Type	_	(See item 12 b	,	t/Long Me GPS003
ficap Permanent Well #	Common Well #	¥ Sp .5	ecific Ca	pacity gpm/ft		1=New 2=Rep of previous unique				
Well Serves # of]	homes and or GAS STATIC	I		High Cap	pacityr	Reason for replaced	or reconstruc	ted Well?		
	eg: barn, restaurant, church, sch		y, etc.)	Well?	N N	OLD WELL TO CI	OSE TO F	UEL		
•	P=Private Z=Other X=NonPot A=Anod			Property?	? N	1 1=Drilled 2=Dri	ven Point 3=	Jetted 4=Othe	r	
	pe or sideslope and not downslo					those on neighboring				
Vell located in floodplai tance in feet from well t	n? N to nearest: (including proposed)			•	Yard Hydrant			Wastewater Si		
1. Landfill			10. Pr	•	Orain to Clearw	ater		Paved Animal Animal Yard o		
25 2. Building	e				Drain to Sewer	atti	20.		or Sheuer	
-	ptic 2= Holding Tank			uilding Drai				Barn Gutter		
-	Absorption Unit	_		1=Cast I	Iron or Plastic			Manure Pipe	1=Gravity	/ 2=Pressu
	orming Pit	5	0 14. Bu	uilding Sew	er 21=Gravi	ty 2=Pressure			ron or Plastic	
5. Nonconfo	•			21-0		atia 2-Other	72 1		Ctore	
6. Buried He	ome Heating Oil Tank		15. Co		Cast Iron or Pla			Other manure	Storage	
6. Buried Ho 105 7. Buried Pe	ome Heating Oil Tank etroleum Tank			ollector Sew	Cast Iron or Pla ver: units _		24. 1	Other manure Ditch	U	æ
6. Buried H 105 7. Buried Pe 8. 1=Sho	ome Heating Oil Tank etroleum Tank oreline 2= Swimming Pool				Cast Iron or Pla ver: units ump	in . diam.	24. 1 12 25. (Other manure	Waste Sourc	
6. Buried H 105 7. Buried Pe 8. 1=Sho	ome Heating Oil Tank etroleum Tank oreline 2= Swimming Pool nd Construction Method	le Lo	16. Cl	ollector Sew	Cast Iron or Pla ver: units _ ump Geology	in . diam. 8.	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc	om To
6. Buried H 105 7. Buried Pe 8. 1=Sho Prillhole Dimensions an From To	ome Heating Oil Tank etroleum Tank oreline 2= Swimming Pool	le	16. Cl	ollector Sew earwater Su	Cast Iron or Pla ver: units _ ump Geology Codes	in . diam. 8. Type, Caving/Non	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc	om To .) (ft.
6. Buried Ho 105 7. Buried Pe 8. 1=Sho prillhole Dimensions an From To .(in.) (ft) (ft)	ome Heating Oil Tank etroleum Tank oreline 2= Swimming Pool and Construction Method Upper Enlarged Drillho - 1. Rotary - Mud Circul - 2. Rotary - Air	ation	16. Cl	ollector Sew earwater Su	Cast Iron or Pla ver: units _ ump Geology Codes C CL	in . diam. 8. Type, Caving/Non AY	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc Frc tc (ft 0	om To .) (ft 3
6. Buried H 105 7. Buried Pe 8. 1=Sho Prillhole Dimensions an From To .(in.) (ft) (ft)	ome Heating Oil Tank etroleum Tank oreline 2= Swimming Pool and Construction Method Upper Enlarged Drillho - 1. Rotary - Mud Circul - 2. Rotary - Air - 3. Rotary - Air and Foa	um	16. Cla	ollector Sew earwater Su	Cast Iron or Pla ver: units ump Geology Codes C CL S SA	in . diam. 8. Type, Caving/Non AY AND	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc Frc ic (ft 0 3	om To .) (ft 3 25
6. Buried Ho 105 7. Buried Pe 8. 1=Sho prillhole Dimensions an From To .(in.) (ft) (ft)	ome Heating Oil Tank etroleum Tank reline 2= Swimming Pool ad Construction Method Upper Enlarged Drillho – 1. Rotary - Mud Circul – 2. Rotary - Air – 3. Rotary - Air and Foa – 4. Drill-Through Casin	um	16. Cla	ollector Sew earwater Su	Cast Iron or Pla ver: units ump Geology Codes C CL S SA	in . diam. 8. Type, Caving/Non AY	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc Frc tc (ft 0	om To .) (ft 3 25
6. Buried Ho 105 7. Buried Pe 8. 1=Sho prillhole Dimensions an From To .(in.) (ft) (ft)	ome Heating Oil Tank etroleum Tank reline 2= Swimming Pool nd Construction Method Upper Enlarged Drillho - 1. Rotary - Mud Circul - 2. Rotary - Air - 3. Rotary - Air and Foa - 4. Drill-Through Casin - 5. Reverse Rotary X - 6. Cable-tool Bit _6	ng Hammer	16. Cla wer Oper	ollector Sew earwater Su n Bedrock	Cast Iron or Pla ver: units ump Geology Codes C CL S SA	in . diam. 8. Type, Caving/Non AY AND	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc Frc ic (ft 0 3	om To .) (ft 3 25
6. Buried Ho 105 7. Buried Pe 8. 1=Sho Drillhole Dimensions an From To .(in.) (ft) (ft)	ome Heating Oil Tank etroleum Tank reline 2= Swimming Pool nd Construction Method Upper Enlarged Drillho - 1. Rotary - Mud Circul - 2. Rotary - Air - 3. Rotary - Air and Foa - 4. Drill-Through Casin - 5. Reverse Rotary X - 6. Cable-tool Bit _6 - 7. Temp. Outer Casing Removed ?	ng Hammer	16. Cla wer Oper	ollector Sew earwater Su	Cast Iron or Pla ver: units ump Geology Codes C CL S SA	in . diam. 8. Type, Caving/Non AY AND	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc Frc ic (ft 0 3	om To .) (ft 3 25
6. Buried He 105 7. Buried Pe 8. 1=Sho Drillhole Dimensions an From To (in.) (ft) (ft) .0 surface 39 Casing Liner Screen M	ome Heating Oil Tank etroleum Tank reline 2= Swimming Pool ad Construction Method Upper Enlarged Drillho - 1. Rotary - Mud Circul - 2. Rotary - Air and Foa - 3. Rotary - Air and Foa - 4. Drill-Through Casin - 5. Reverse Rotary X - 6. Cable-tool Bit _6 - 7. Temp. Outer Casing Removed ? Other	ng Hammer n. dia in.	16. Cla wer Ope	ollector Sew earwater Su n Bedrock depth ft. To	Cast Iron or Pla ver: units ump Geology Codes C CL S SA	in . diam. 8. Type, Caving/Non AY AND	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc Frc ic (ft 0 3	om To .) (ft 3 25
6. Buried He 105 7. Buried Pe 8. 1=Sho Drillhole Dimensions an From To .(in.) (ft) (ft) .0 surface 39 Casing Liner Screen Ma a. (in.) Man	ome Heating Oil Tank etroleum Tank reline 2= Swimming Pool and Construction Method Upper Enlarged Drillho - 1. Rotary - Mud Circul - 2. Rotary - Air - 3. Rotary - Air and Foa - 4. Drill-Through Casin - 5. Reverse Rotary X - 6. Cable-tool Bit _6 - 7. Temp. Outer Casing Removed ? Other	n. dia	16. Cla wer Ope	ollector Sew earwater Su n Bedrock - depth ft.	Cast Iron or Pla ver: units ump Geology Codes C CL S SA	in . diam. 8. Type, Caving/Non AY AND	24. 1 1225. (Geology	Other manure Ditch Other NR 812	Waste Sourc Frc ic (ft 0 3	om To .) (ft. 3 25
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				7.1	LL NO. 2, SANNA DAIRIES, RIDGELAND, WIS. Mead, Ward and Hunt, Engineers Milaeger Well Drilling Co.,
			NW,	SE,NW,NE	NE: Sec. 6, T. 31 N., R. 12 W. Contractors, 1946 Samples examined by F. T. Thwaites, Nos. 127059-127126 1075 ETM
D		0-20	20		Drift, no samples
I	45	20-45	25	Q	Gravel, glacial, very sandy
	·	45-65	20		Sandstone, silty to fine, light gray, dolomitic 40
		65-90	25		Sandstone, medium to silty, light gray
E		90-100			Sandstone, medium-coarse to fine, lt.gray 15" hole
A		100-110			Sendstone, coarse to medium, very lt. gray
U	•	110-140	. 30		Sandstone, medium-coarse to fine, light gray
C		1.40-160	20		Sandstone, medium to fine, gray
L		160-180	20		Sandstone, silty to fine, gray
T	· .	180-195	15		Shale, silty, gray
R		195-205	10		Sandstone, silty to medium, gray 200
R		205-210			Shale, gray
	:	210-230	20		Sa ⁿ dstone, medium to silty, light gray
	ŀ	230-240			Siltstone, sandy, light gray Sendstone, eilty to medium, light gray
	t	250-270	20		Sandstone, medium to fine, gray
	t i	270-275	5	······································	Sandstone, coarse to medium, gray
	245	275-285	10		Sandstone. medium to silty, light gray
1		285-290	25		Shale, silty, 1-ight gray 12" hole
F	-	290-315	-21		Sandstone, fine to coarse, white
	ŀ	320-335	15:		Sandstone, fine to medium, white
S	70	335-360	25		Sandstone, medium to fine, light gray

Formations: Drift; Eau Claire; Mt. Simon Tes ted at 800 g.p.m. specific capacity = 14 g.p.m./ft,