Meridian Environmental Consulting, LLC

September 23, 2016

Carrie Stoltz
Wisconsin Department of Natural Resources
107 Sutliffe Avenue
Rhinelander, Wisconsin 54501-3349

Subject: **Soil and Ground Water Investigation Report**
Donald Store (former)
W16623 County Highway M
Gilman, Wisconsin 54433
PECFA No. 54433-9441-23
DNR BRRTS No. 03-61-168145
Meridian No. 05F813

Dear Carrie:

This report summarizes the site investigation work completed at this site. Soil borings and monitoring wells were installed and soil and ground water samples collected.

Based on the results of the site investigation, we recommend:

- Source soils should be excavated
- A downgradient monitoring well nest should be installed
- Hydraulic conductivity measurements (slug tests) should be completed
- Ground water sampling after the excavation
- Install cover on Stangret well so it can be used as piezometer
- Letter Report

The remainder of this report summarizes the work completed to date and presents our conclusions and recommendations.

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BACKGROUND INFORMATION

Site Description

The property referred to as the "Donald Store (former)" is located north of Gilman, Wisconsin (Taylor County, Pershing Township) in the former unincorporated community known as Donald (Figure 1). The property is about 1/3 acre in size located at the intersection of County Highway M and Loop Road (Figure 2). The site address is W16623 County Highway M, Gilman, Wisconsin 54433.

At one time (late 1800's to mid-1900s), Donald was a small logging and agricultural community. All that remains is a residence (former Diamond residence) and several buildings (e.g., Pershing Township 'Town Hall', maintenance garage).

The property is bounded on the north side by County Hwy. M, Loop Road on the west, and other small lots to the south and east. A vacant building (former church) is located immediately south of the property. An active railroad track is located about 100 feet east of the site.

There was a tavern located adjacent to the store. It burned down several (10?) years ago.

The property was formerly used as a small store and gasoline was sold from an underground storage tank system. The store closed in the late 1990s and the tanks removed August 1997. Petroleum impacts were detected when the tanks were removed. The store building burned down several (5?) years ago.

Summary of Environmental Work

In June 1993, petroleum contamination was discovered in a private well located at the nearby property referred to as the Ruth Diamond residence (W16653 County Highway M)(Figure 2). Monitoring wells and soil borings were installed to determine the extent of these impacts. Figure 2 illustrates the monitoring well network installed. Appendix A contains summary data from the monitoring well sampling.

Three potential sources for these petroleum impacts were identified.

- The Diamond property reportedly sold gasoline at one time (over 30 – 40 years ago?). No records or pictures have been found documenting this. No soil contamination has been encountered on this property.

- The property on the north side of County Highway M (referred to as"Webster Pig Farm") sold gasoline at one time. This property is currently owned by Taylor County.

- The Donald Store (former) sold gasoline. This property is currently owned by the Sylvia Webster Estate.

The Webster Pig Farm is an open PECFA site (PECFA No. 54433-9429-94). A UST was found in front of the building and removed in 1998. A remedial action was conducted at the Pig Farm in 2014 consisting of the removal of 670 tons of impacted soil. The site is currently in a ground water monitoring program.

The DNR hired Cedar Corporation to install three Geoprobe soil borings (C1, C2, C3)(Figure 3) at the Donald store in 2007. The results of this work are described in Appendix B and summarized in Table 1. Petroleum impacted soil was encountered. 'Grab samples' of ground water were collected from the borings.

Meridian installed a Geoprobe boring (GP-8) in the former tank area October 18, 2012. The soil boring log is provided in Appendix C. A soil sample was collected from 4 feet depth and analyzed for PVOC+Naphthalene (Table 1). Not to Exceed Direct Contact (NTEDC) levels were exceeded within 4 feet of grade.

No other environmental work was completed at this site until 2016.

Potable Wells

Residents in the area rely on private wells for water supply. The well logs for several private wells in the area are provided in Appendix D and described below.

- Donald Store well (W16623 County Road M)

The Donald Store reportedly had a well (sand point?). The store has burned down and the well head has not been located in the wreckage.

- Ruth Diamond Property (W16653 County Road M)

This property had three wells installed in the 1990s. Apparently a "dug well" originally supplied water for the Diamond residence. A new well (ID No. FN480 – see well log in Appendix D) was installed in the fall of 1992 along the east side of the house (Figure 2). Almost immediately, petroleum odors were detected in the water from this new well. The DNR sampled the water July 7, 1993 and measured significant petroleum impacts. This well was abandoned in September 1997.

A new well (LA678 – see well log in Appendix D) was installed in 1997 to a depth of 385 feet (exact location unknown but believed to be on west side of house). The well was sampled and also found to contain petroleum contaminants. This well was later abandoned (August 31, 2001).

The property currently uses a shallower well (33 feet deep)(LB523 – installed 1998) located at the northwest corner of the property (Figure 2). This well has very low water production (less than 1 gpm). No petroleum impacts have been measured in ground water samples from this well.

- Pig Farm well (W16640 County Road M)

This well is still in place. No well log is available. The well is 35 feet deep.

- Old Church Well (N6070 Loop Road)(owned by Stangret)

There is a well located at the old church (also referred to as 'Stangret' property). This well was measured as 55 feet deep. No well log is available. A pump is believed to still be in this well. The well head is not capped and is open to the atmosphere. This should be corrected.

- Town Hall well (W16654 County Road M)

A well was drilled in 2008 at the Town Hall (well log in Appendix D). The well log (UR078) is provided in Appendix D.

- Donald School

The former Donald School was located about ½ mile east of the site. The log for the school well is provided in Appendix C. The school building no longer exists.

SITE INVESTIGATION

Soil Borings

Geoprobe borings GP-1 through GP-6 were installed February 18, 2016 in the locations shown on Figure 3. The soil boring logs are provided in Appendix C.

Selected soil samples were collected from the borings. The analytical reports are provided in Appendix E and summarized in Table 2.

Monitoring Wells

Monitoring wells MW-D1 and MW-D2 were installed February 18, 2016 in the locations shown on Figure 3. The soil boring logs and monitoring well forms are provided in Appendix C.

The wells elevations and locations were surveyed relative to the existing monitoring well network (Webster Pig Farm).

Ground Water Sampling

Ground water samples were collected March 9 and June 21 from monitoring wells MW-D1, MW-D2, MW-800, P-800 (Figure 3). A sample was also collected from the Stangret well during the June sampling event.

The analytical reports are provided in Appendix E and summarized in Table 1.

The depth to ground water was measured during each sampling event. The measurements are summarized in Table 3.

Natural attenuation parameters (dissolved oxygen (DO), pH, temperature, conductivity, oxidation reduction potential (ORP)) were measured in the field during each sampling event. The measurements are summarized in Table 4.

The concentrations of benzene, TMB (trimethlybenzenes), and naphthalene in MW-D2 exceed NR140 Enforcement Standards. The concentrations also appear to increase between March and June.

DATA EVALUATION

Hydrogeology

The region is characterized by a layer of glacial sediments overlying bedrock (described as 'granite' in drill logs). Bedrock is about 50 feet below grade based on potable well log LA678 (Appendix D).

The topography is flat with numerous swamps and wetlands. Regional drainage is southwesterly. The land is used primarily for farming.

Figure 4 is a cross-section based on the soil boring and potable well logs from the Webster Pig Farm site investigation work as well as the Donald Store investigation. The glacial sediments consist primarily of fine-grained silty-sand with a varying clay fraction. Sand layers are found ranging in thickness from several inches to several feet are water-bearing and provide potable water.

Ground water is typically within 5 - 10 feet of the land surface. Ground water flow is southeasterly based on data collected to date (Figure 5). The water level data indicate a downward vertical gradient.

Extent of Impacted Soil

The data from borings GP-1, GP-2, and GP-8 indicate impacted soil in the former tank and pump area. The concentrations exceed Soil to Ground Water Residual Contaminant Levels (RCLs). The concentrations in GP-8 exceed Direct Contact levels.

The estimated extent of impacted soil is illustrated in Figure 6. The impacts appear to extend to a depth of about 10 – 15 feet.

Because of the ground water contamination experienced by the nearby private well (Diamond), it is our recommendation the impacted source soils be excavated to the extent practicable. We estimate 600 tons (25 ft x 25 ft x 15 ft – Figure 6) of impacted soil should be removed.

Extent of Impacted Ground Water

The extent of impacted water is generally defined as illustrated in Figure 7. The ground water level measurements suggest flow is southeasterly. A water table monitoring well should be installed along the eastern edge of the property to confirm the eastern extent of impacted ground water. A piezometer should be nested with this well due to the downward vertical gradient.

The monitoring wells MW-D1 and MW-D2 were screened from 10 to 20 feet below grade based on previous measurements in MW-800 (Table 3). However, the depth to water was about 6 feet below grade during the March and June sampling events. This is due to higher precipitation during the past year. The higher water levels have submerged the well screens which may be diluting the sampling data. As ground water levels fall during drier conditions, the concentrations may increase. This is typical of ground water monitoring data, i.e., water levels affect the concentrations measured.

Vapor Intrusion

There are no buildings or subsurface structures which might be affected by vapors from the impacted soil or ground water.

CONCLUSIONS AND RECOMMENDATIONS

- The site is underlain by approximately 50 feet of fine-grained sediments (silty sand) overlying granite bedrock.
- Ground water is found within 10 feet of grade. Ground water flow is southeasterly although more measurements are needed to confirm this initial interpretation.
- There is impacted source soils in the former tank and pump area.
- There is impacted ground water in the former tank and pump area.
- There are no vapor intrusion concerns at this site.

We recommend the following remedial actions:

- The impacted source soil in the former tank and pump area should be excavated. We estimate approximately 600 tons of soil should be excavated (25 ft x 25 ft x 15 ft). MW-D2 will be removed as part of this excavation.
- After the soil is excavated, a replacement monitoring well should be installed in the MW-D2 location.
- A monitoring well should be installed along the east side of the site to complete the lateral definition of impacted ground water. A piezometer should be nested with this well.
- We are utilizing the Stangret private well as a downgradient piezometer. The well head is non-standard and open to the atmosphere. We recommend a lid be attached to the well-head to allow its continued use as a piezometer.
- The monitoring well network (MW-D1, MW-D2R, MW-800, P-800, Stangret private well, new well, new piezometer) should be sampled two quarters after the excavation.
- Hydraulic conductivity tests should be conducted in 4 wells.
- After the two quarters of ground water sampling, a Letter Report will be prepared which summarizes the work completed and our recommendations.

Please contact me with any comments or questions.

Sincerely,
MERIDIAN ENVIRONMENTAL CONSULTING, LLC

Kenneth Shimko, PG
Project Manager

TABLES

Table 1: Summary of Soil Data - Previous Work
Former Donald Store
Gilman (Donald), Wisconsin
Meridian No. 05F813

Sample	Depth	Date	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Total TMB	m&p Xylenes	o-Xylenes	Total Xylene
Units	*ft*		*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
Soil standards													
NTEDC			1490	7470	59400	5150	81800	89800	182000				258000
RCL (soil to GW)			5	1570	27	659	1107						3940
Samples collected by Northern Environmental (1997)													
PZ800													
PZ802	4-6	6/10/1997	<16	<3.7		<12	<9.1	<5.2	<8.1	<8.1			<18.9
PZ814	28-30	6/10/1997	<16	<3.7		<12	<9.1	<5.2	<8.1	<8.1			<18.9
Cedar Corp Geoprobe Borings in front of Donald Store (April 2007)													
G1	4	4/6/2007	35	120	<30	360	<30	420	420	840			330
G1	10.5	4/6/2007	<30	70	<30	220	<30	270	530	800			130
G1 (water)	10.5	4/11/2007	<.2	<.5	<.5	0.4	<.2	0.28	10	10.28			<.5
G2	8	4/6/2007	<28	<28	<28	<55	<28	50	<28	50			<94
G2	10	4/6/2007	<30	<30	<30	62	<30	250	120	370			210
G2 (water)	10	4/6/2007	1	0.88	<.5	39	4.5	77	23	100			190
G3	4	4/6/2007	<31	<31	<31	<61	<31	<31	<31	<31			<100
G3	10	4/6/2007	<29	<29	<29	<57	<29	<29	<29	<29			<97
G3 (water)	10	4/11/2007	<20	<.5	<.5	<.25	<.2	<.2	<.2	<.2			<.5
Geoprobe boring installed by Meridian (October 18, 2012)													
*GP-8: 4'	4	10/18/12	388	14100	<250	9690	17700	61300	21000	82300	68500	30100	98600
** GP-8 installed in front of Donald Store*													
Geoprobe borings installed by Meridian (February 18, 2016)													
1:3-4	3-4	2/18/2016	<100	757	<100	1790	188	13100	6620	19700	3380	1960	5340
1:7-8	7-8	2/18/2016	185	262	<25	120	43.1	406	136	542	464	166	629
1:10	10	2/18/2016	182	383	<25	158	<25	466	155	621	522	156	678
1:14	14	2/18/2016	<25	76.5	<25	49.6	81.9	295	104	400	396	148	544
1:19-20	19-20	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
2:3-4	3-4	2/18/2016	282	2730	<125	4230	364	11600	12000	23600	2940	1300	4230
2:7-8	7-8	2/18/2016	<500	30900	<500	18800	1520	169000	61300	231000	126000	33600	160000
2:11-12	11-12	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
2:15-16	15-16	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
3:3-4	3-4	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
3:7-8	7-8	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
3:11-12	11-12	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
4:3-4	3-4	2/18/2016	<25	<25	<25	42.2	<25	238	221	459	70.7	<25	<75
4:7-8	7-8	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
4:11-12	11-12	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
5:3-4	3-4	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
5:7-8	7-8	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
5:11-12	11-12	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
6:3-4	3-4	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
6:7-8	7-8	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
6:11-12	11-12	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
6:15-16	15-16	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
MW1:3-4	3-4	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
MW-1:7-8	7-8	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
MW1:11-12	11-12	2/18/2016	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75

Table 2: Ground Water Analytical Data

Donald Store
Gilman (Donald), Wisconsin
Meridian No. 05F813

Well	Date	Benzene	Ethyl Benzene	Toluene	Total Xylenes	1,2,4 - TMB	1,3,5 - TMB	Total TMBs	MTBE	Naphthalene
NR140 ES		**5**	**700**	**800**	**2000**	**-**	**-**	**480**	**60**	**100**
NR140 PAL		*0.5*	*140*	*160*	*400*			*96*	*12*	*10*
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	UG/L	ug/l
MW-D1	(installed Feb 18, 2016)									
	3/9/2016	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	6/21/2016	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
MW-D2	(installed Feb 18, 2016)									
	3/9/2016	**29.6**	202	7.3	646	568	200	**768**	<4.8	**151**
	6/21/2016	**72.7**	509	5.4	697	591	304	**895**	<4.8	**399**
MW-800	Installed June 10, 1997									
	6/20/1997	<.2	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	4/11/2007	<.2	<.5	<.2	<.5	<.5	<.4	<.5	<.5	<.25
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	10/23/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	3/9/2016	<.4	<.39	<.42	<1.2	<.42	<.42	<.42	<.48	<.42
	6/21/2016	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
PZ-800	Installed June 10, 1997									
	6/20/1997	0.3	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	3/9/2016	<.4	<.39	<.42	<1.2	<.42	<.42	<.42	<.48	<.42
	6/21/2016	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
Old Church Well										
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	6/21/2016	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42

12 Concentration exceeds NR140 Enforcement Standard
12 Concentration exceeds PAL

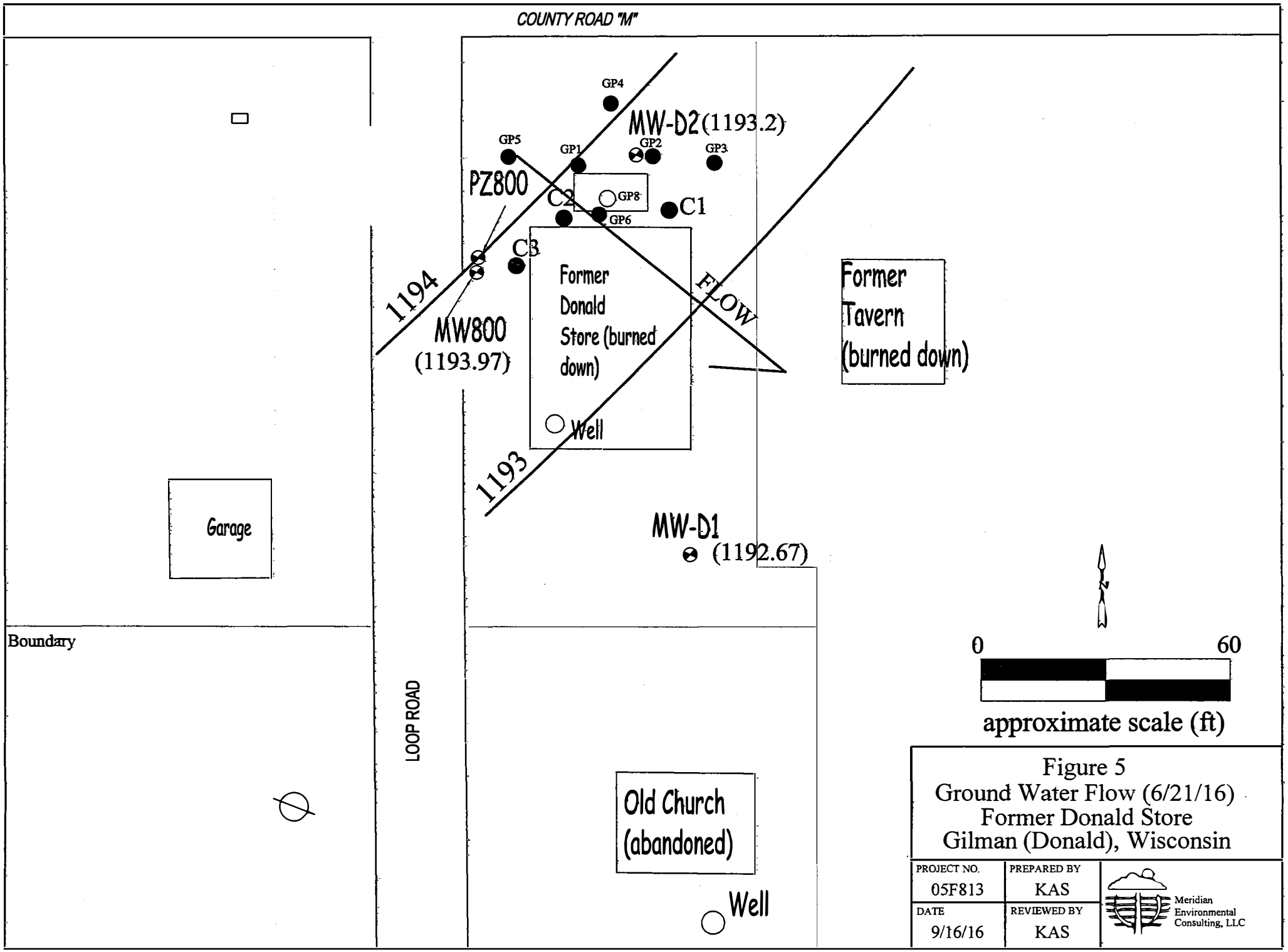

Figure 5
Ground Water Flow (6/21/16)
Former Donald Store
Gilman (Donald), Wisconsin

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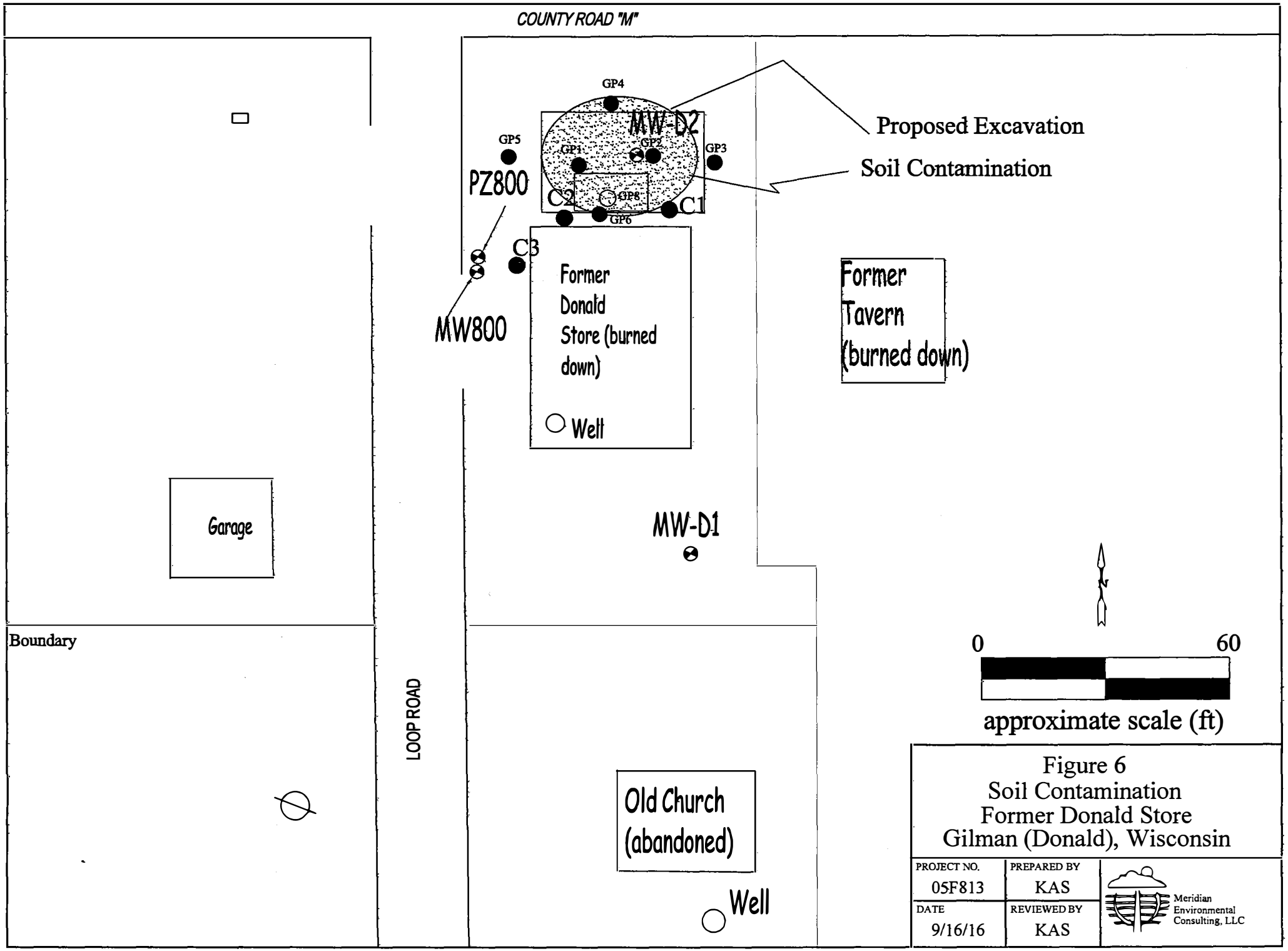

Figure 6
Soil Contamination
Former Donald Store
Gilman (Donald), Wisconsin

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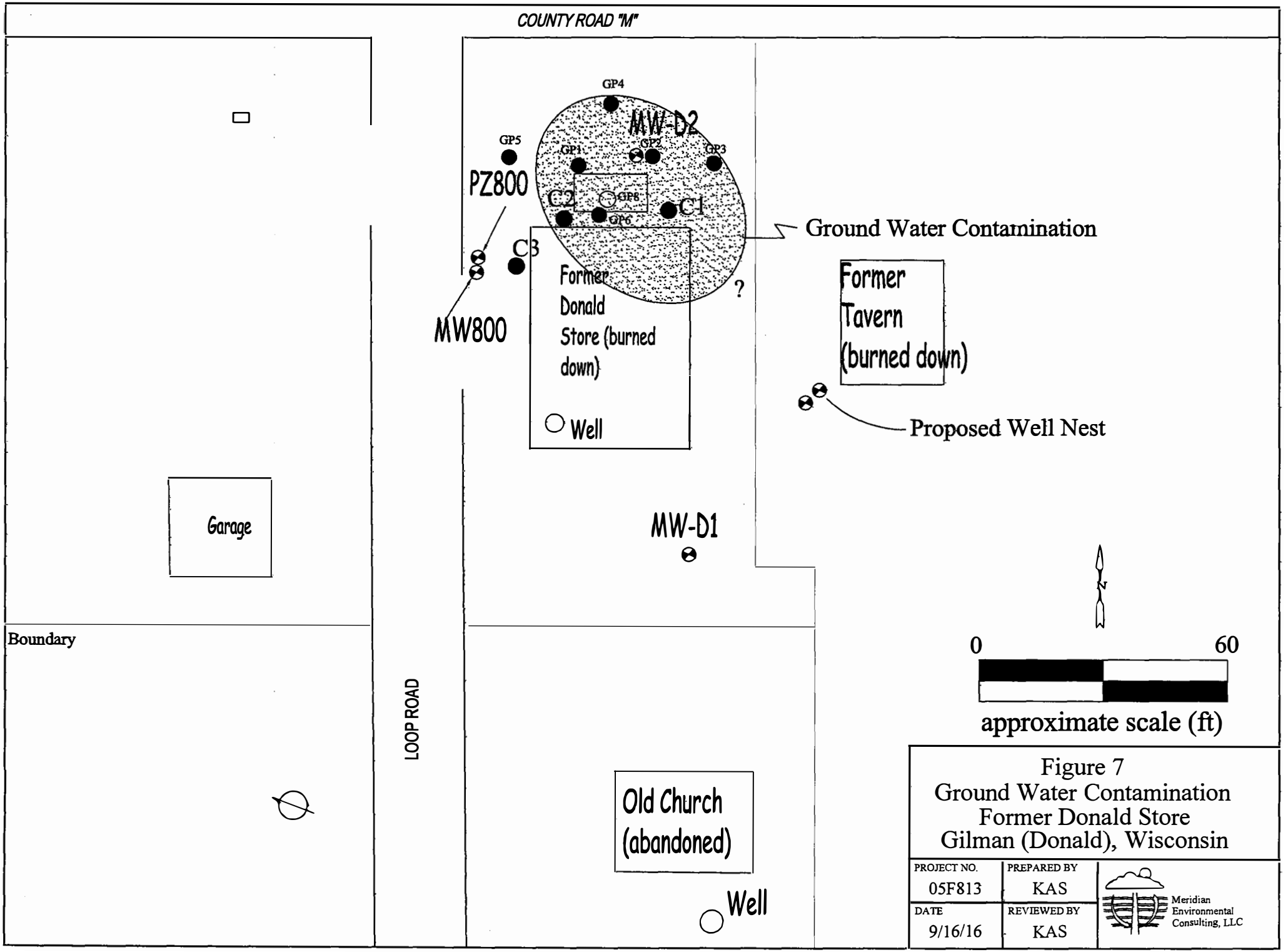

Figure 7
Ground Water Contamination
Former Donald Store
Gilman (Donald), Wisconsin

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Table 3: Ground Water Levels

Donald Store
Donald (Gilman), Wisconsin
05F813

MW-D1 (installed Feb 18, 2016)			MW-D2 (installed Feb 18, 2016)		
Surface Elevation (ft)		1198.25	Surface Elevation (ft)		1202
Top of Casing elevation (ft)		1198.07	Top of Casing elevation (ft)		1199.11
Top of Screen Elevation (ft)*		1188.25	Top of Screen Elevation (ft)*		1170.5
Bottom of Screen Elevation (ft)		1178.25	Bottom of Screen Elevation (ft)		1165.5
Well Diameter		2-inch	Well Diameter		2-inch
Installed		2/18/2016	Installed		2/18/2016
Meas. Date	Depth to Water (ft)	Elevation (ft)	Meas. Date	Depth to Water (ft)	Elevation (ft)
3/9/2016	5.58	1192.49	3/9/2016	6.5	1192.61
6/21/2016	5.4	1192.67	6/21/2016	5.91	1193.20

MW-800			PZ-800		
Surface Elevation (ft)		1200.25	Surface Elevation (ft)		1199
Top of Casing elevation (ft)		1200.03	Top of Casing elevation (ft)		1198.99
Top of Screen Elevation (ft)*		1196.25	Top of Screen Elevation (ft)*		1168
Bottom of Screen Elevation (ft)		1186.25	Bottom of Screen Elevation (ft)		1163
Well Diameter		2-inch	Well Diameter		2-inch
Installed		6/10/1997	Installed		6/10/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)	Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.18	1188.85	8/29/2012	10.14	1188.85
3/9/2016	7.65	1192.38	3/9/2016	6.15	1192.84
6/21/2016	6.06	1193.97	6/21/2016	6.53	1192.46

Table 4: Natural Attenuation Data

Donald Store
Gilman (Donald), Wisconsin
Meridian No. 05F813

Well	DO	pH	Conductivity	Temp	Redox
Units	mg/l		uS	C	mV
MW-D1					
3/9/2016	1	7.63	572	6.3	142
6/21/2016	2	8.34	606	13.2	15
MW-D2					
3/9/2016	<1	8.61	1468	7	141
6/21/2016	<1	7.92	927	14.8	26
MW-800					
3/9/2016	4	7.9	2300	6	172
6/21/2016	3	8.03	1032	13.7	26
P-800					
3/9/2016	2	7.28	3560	6.8	151
6/21/2016		7.95	1712	13	20

Field Measurements during water sampling
DO measured using ampules (ChemMetrics)
pH, conductivity, temperature measured with Oakton Multiparameter Testr 35
Redox measured with EcoSense ORP15A

FIGURES

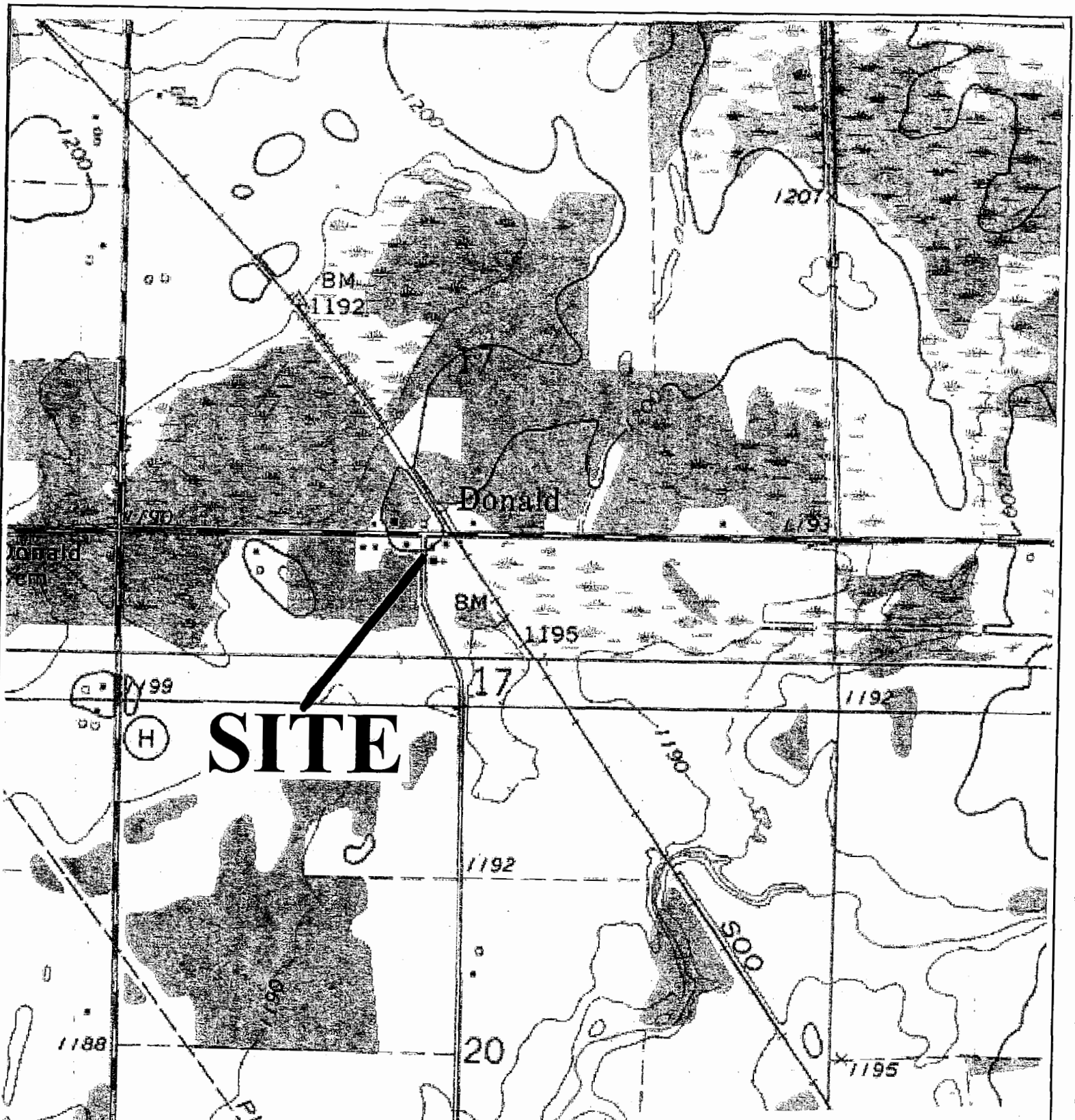

Figure 1
Site Location Map
Former Donald Store
Gilman (Donald), Wisconsin

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1/10/16	KAS

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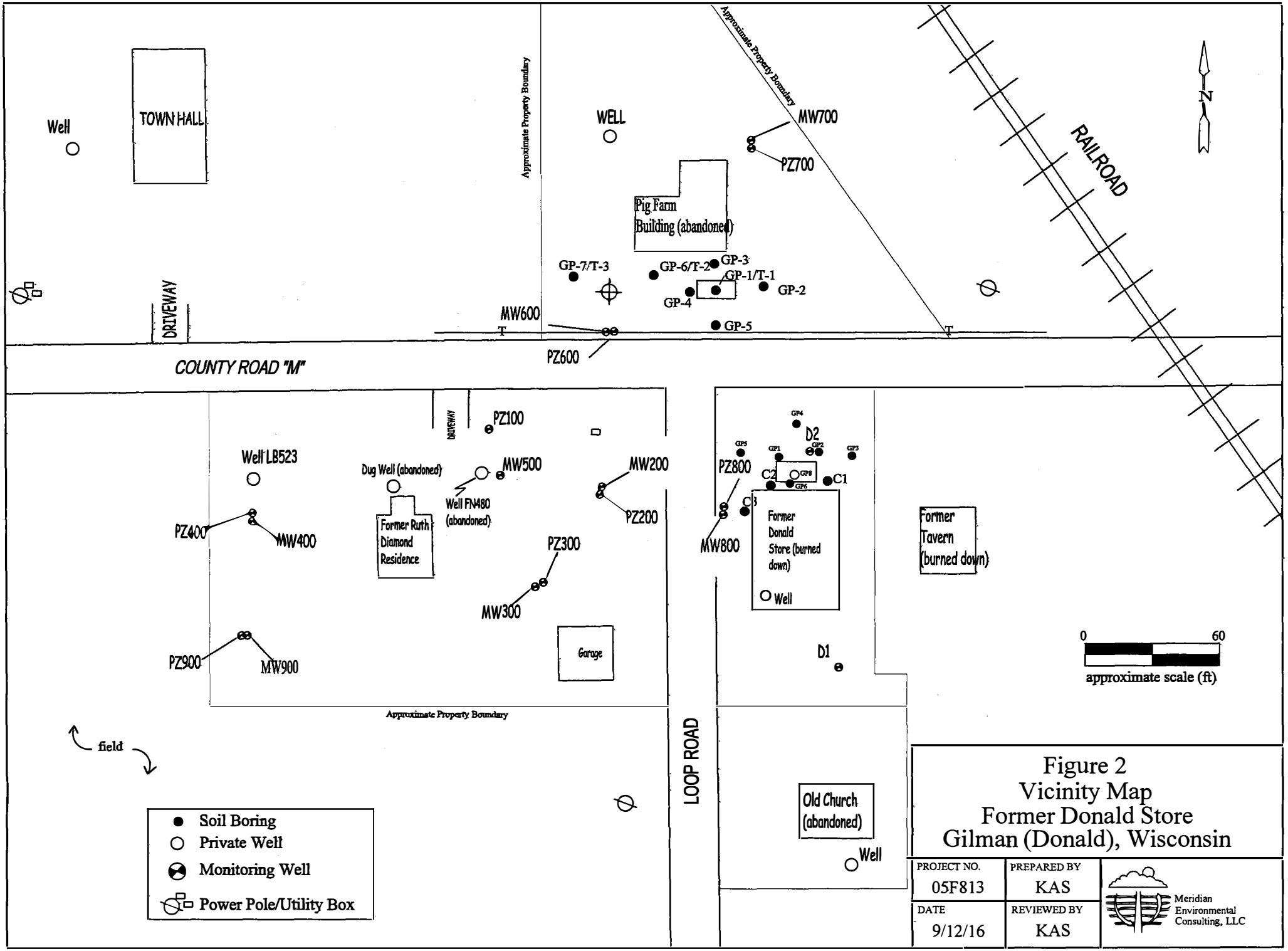

Figure 2
Vicinity Map
Former Donald Store
Gilman (Donald), Wisconsin

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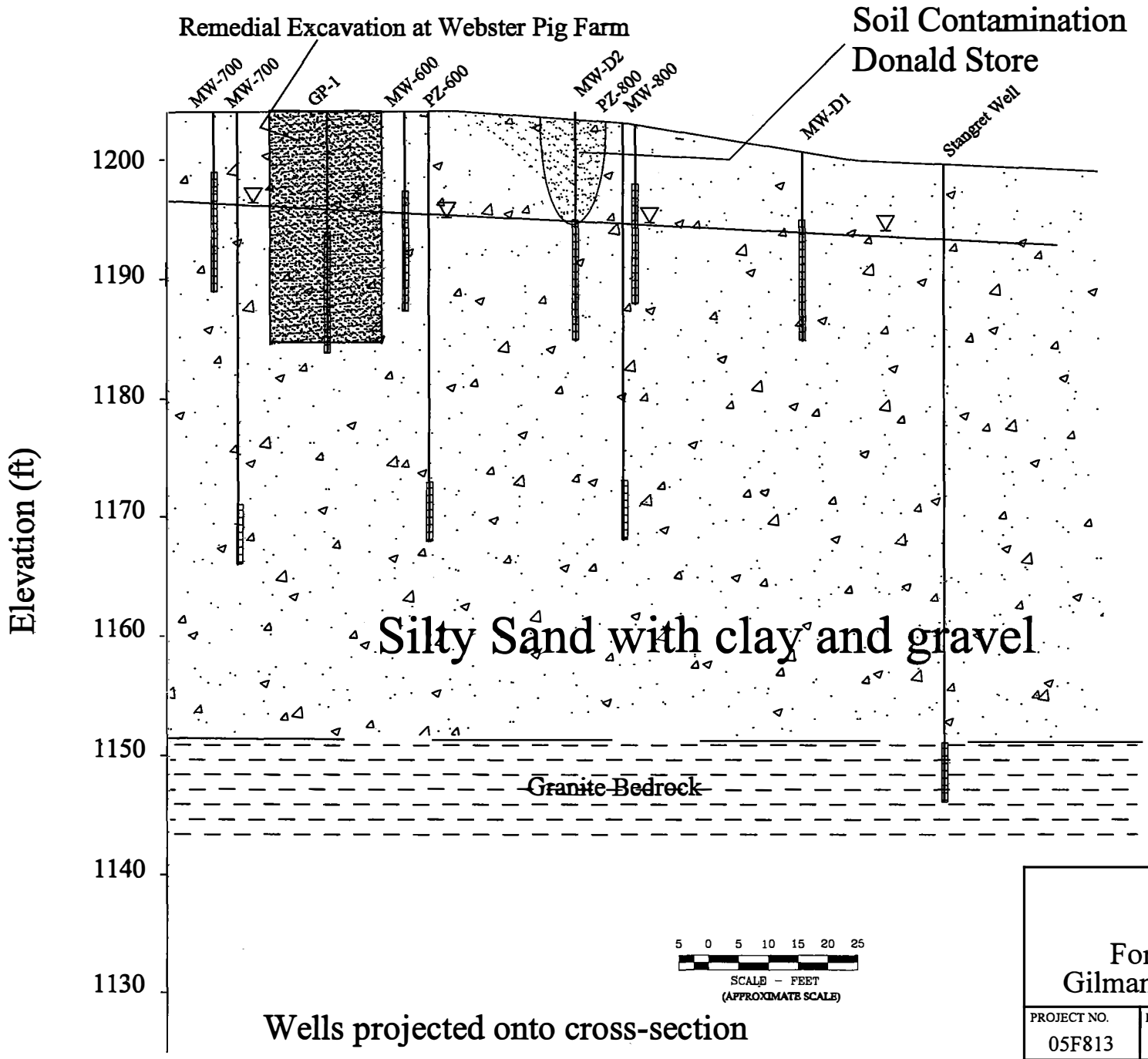


Figure 4
Cross Section
Former Donald Store
Gilman (Donald), Wisconsin

PROJECT NO.	PREPARED BY
05F813	KAS
DATE	REVIEWED BY
9/16/16	KAS

Meridian Environmental Consulting, LLC

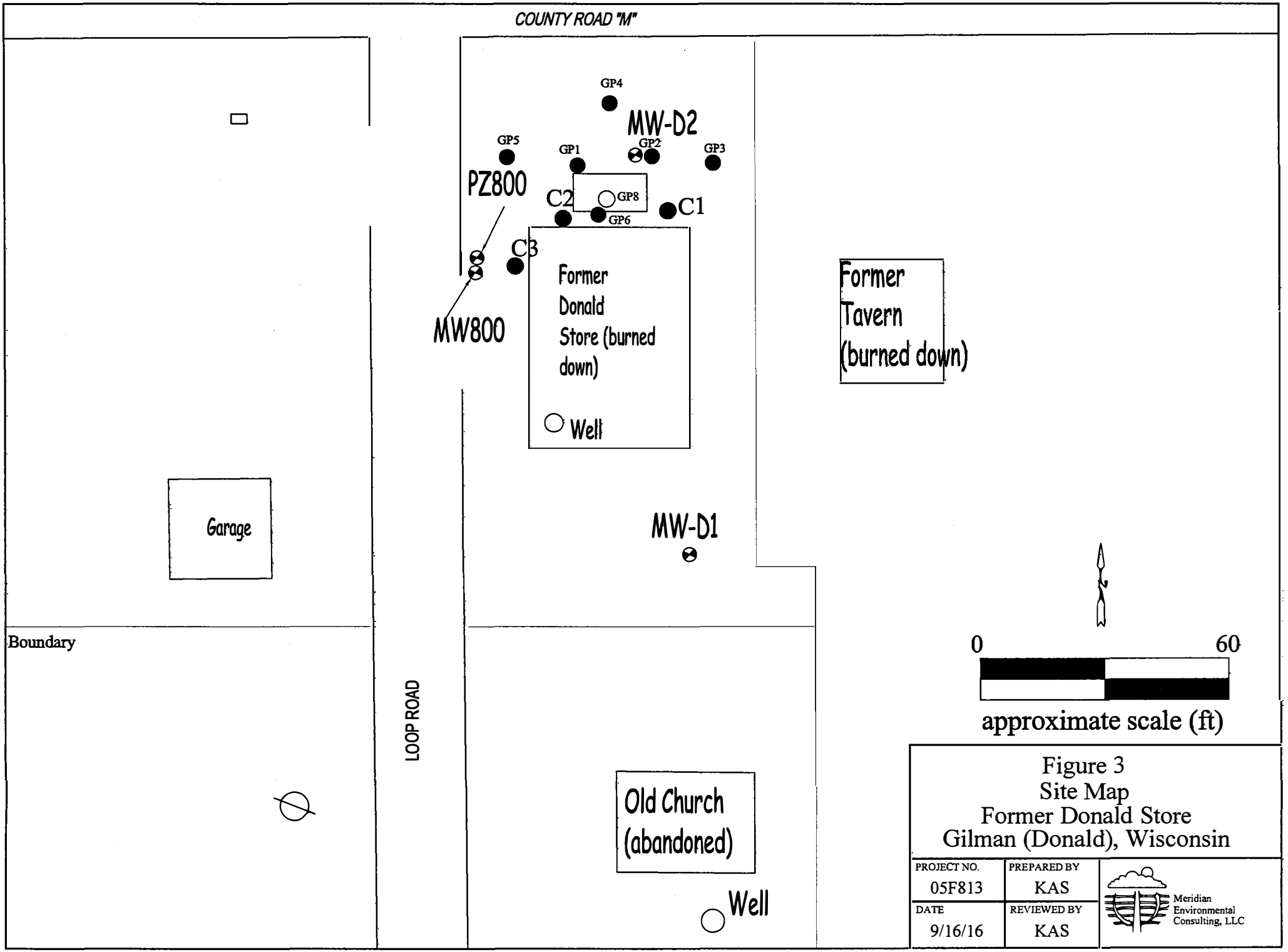


Figure 3
Site Map
Former Donald Store
Gilman (Donald), Wisconsin

PROJECT NO.	PREPARED BY
05F813	KAS
DATE	REVIEWED BY
9/16/16	KAS

Meridian Environmental Consulting, LLC

APPENDIX A

Data from Webster Pig Farm Project

Table 1: Ground Water Analytical Data
Webster Pig Farm
Donald, Wisconsin
Meridian No. 05F784

Well	Date	Benzene	Ethyl Benzene	Toluene	Total Xylenes	1,2,4 - TMB	1,3,5 - TMB	Total TMBs	MTBE	Naphthalene
NR140 ES		5	700	800	2000	-	-	480	60	100
NR140 PAL		0.5	140	160	400			96	12	10
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	UG/L	ug/l
MW-100	Installed December 6, 1996									
	1/9/1997	<.2	<.3	<.2	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	<.4	<.5	<.4	<1.2	<.5	<.5	<.5	<.1	-
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	August 2000	Well Abandoned								
MW-200	Installed December 5, 1996									
	1/9/1997	<.2	<.3	<.2	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	13	1.1	11	3.4	<.5	<.5	<.5	<.1	-
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	12/20/2006	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	4/11/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	10/23/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	1/9/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
MW-300	Installed December 5, 1996									
	1/9/1997	<.2	<.3	<.2	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	<.4	<.5	<.4	<1.2	<.5	<.5	<.5	<.1	-
	6/20/1997	<.1	<.1	<.1	0.2	-	-	-	-	-
	12/20/2006	<.2	<.5	<.2	<.5	<.2	<.2	<.2	33	<.25
	4/11/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
MW-400	Installed December 4, 1996									
	1/9/1997	<.2	<.3	<.2	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	0.8	<.5	<.4	1.2	<.5	0.7	0.7	0.9	-
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	12/20/2006	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	0.67
	4/11/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	10/23/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	1/9/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
MW-500	Installed December 6, 1996									
	1/9/1997	<.2	<.3	0.3	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	<.4	<.5	<.4	<1.2	<.5	<.5	<.5	<.1	-
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	12/20/2006	4	<.5	<.2	<.5	<.2	<.2	<.2	<.5	0.31
	4/11/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
MW-600	Installed April 14, 1997									
	4/18/1997	3090	554	2900	2066	293	82	375	<3.6	130
	6/20/1997	1200	1330	8290	6730	-	-	-	-	-
	5/6/2008	2100	1100	1500	3400	950	270	1220	<20	360
	7/29/2008	790	670	1000	2600	930	330	1260	<23	390
	8/29/2012	111	118	117	354	196	170	366	6.2	130
	8/8/2014	181	237	179	446	180	91.7	271.7	7.8	154
	11/18/2014	107	135	67.3	306	127	83.5	210.5	12.4	102
	9/9/2015	71	100	46.5	292	116	120	236	8.4	107
	12/9/2015	75.7	93.5	39.3	259	74.2	65.2	139.4	3	121

Table 1: Ground Water Analytical Data

Well	Date	Benzene	Ethyl Benzene	Toluene	Total Xylenes	1,2,4 - TMB	1,3,5 - TMB	Total TMBs	MTBE	Naphthalene
NR140 ES		5	700	800	2000	-	-	480	60	100
NR140 PAL		0.5	140	160	400			96	12	10
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	UG/L	ug/l
MW-700	Installed April 15, 1997									
	4/18/1997	<.3	<.4	1.2	<1.4	<.5	<.4	<.5	<.2	<.4
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	12/20/2006	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	4/11/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	10/23/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	Not Sampled								
	12/9/2015	Not Sampled								
MW-800	Installed June 10, 1997									
	6/20/1997	<.2	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	4/11/2007	<.2	<.5	<.2	<.5	<.5	<.4	<.5	<.5	<.25
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	10/23/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	Not Sampled								
	12/9/2015	Not Sampled								
MW-900	Installed June 10, 1997									
	6/20/1997	<.2	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	12/20/2006	<.8	<2	<.8	<2	<.8	<.8	<.8	<2	<1
	4/11/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
PZ-100	Installed December 18, 1996									
	1/9/1997	**3840**	<7.4	*169*	*809*	95	34	*129*	<3.1	*38*
	4/18/1997	**3500**	<9.8	118	*430*	43	12	55	<4.5	*25*
	6/20/1997	**3660**	<1	97	*410*	-	-	-	-	-
	12/20/2006	**3300**	<2	17	50	22	3.8	25.8	<2	*28*
	4/11/2007	*0.64*	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/25/2007	**1000**	21	9	16	9.8	12	21.8	<10	**27**
	10/23/2007	**7.8**	<2	<.8	<2	<.8	<.8	<.8	<2	<1
	1/9/2008	**330**	<5	5.7	10	2.6	<2	2.6	<5	5.6
	5/6/2008	**280**	<.5	6.2	5.9	2.2	0.5	2.7	<.5	6.1
	7/29/2008	**1100**	0	14	12	1.5	0.4	1.9	<4.6	<5
	8/29/2012	**849**	<2.1	4.7	<6.3	<2.2	<2	<2.2	<1.9	2.3
	8/8/2014	1.3	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	11/18/2014	**6.5**	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	9/9/2015	**6380**	<19.8	52.7	<62.4	<20.9	<20.8	<20.9	<24.2	**123**
	12/9/2015	**7810**	<19.6	56.4	<62.4	<20.9	<20.8	<20.9	<24.2	*71.2*
PZ-200	Installed December 17, 1996									
	1/9/1997	*0.5*	<.3	0.5	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	*3*	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	0.7
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	0.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
PZ-300	Installed December 17, 1996									
	1/9/1997	**12**	<.3	1.9	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	*3*	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	6/20/1997	**5.3**	<.1	<.1	<.2	-	-	-	-	-
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	*24*	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	*21*	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	1.6	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	0.57	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
PZ-400	Installed December 3, 1996									
	1/9/1997	<.2	<.3	1.1	<1	<.4	<.3	<.4	<.1	<.4
	4/18/1997	<.3	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	**7.6**	<.41	0.93	<1.3	<.43	<.4	<.43	<.38	<.4
	8/8/2014	**0.5**	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	11/18/2014	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	**0.92**	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42

Table 1: Ground Water Analytical Data

Well	Date	Benzene	Ethyl Benzene	Toluene	Total Xylenes	1,2,4 - TMB	1,3,5 - TMB	Total TMBs	MTBE	Naphthalene
NR140 ES		5	700	800	2000	-	-	480	60	100
NR140 PAL		*0.5*	*140*	*160*	*400*			*96*	*12*	*10*
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	UG/L	ug/l
PZ-600	Installed April 14, 1997									
	4/18/1997	<.3	<.4	<.5	<1.4	<.5	<.4	<.4	<.2	<.4
	6/20/1997	**114**	<.1	2.1	12.4	-	-	-	-	-
	5/6/2008	**6300**	37	*200*	*920*	160	46	*206*	<10	*40*
	7/29/2008	**520**	17	60	220	60	18	78	<2.3	*17*
	8/29/2012	**175**	126	*223*	*489*	177	87.1	*264.1*	*18*	**156**
	8/8/2014	**190**	156	*323*	*583*	217	137	*354*	<2.4	**198**
	11/18/2014	**6.1**	<.39	*3.8*	*7.5*	1.8	0.87	*2.67*	<.48	2.7
	9/9/2015	**98.2**	131	*230*	346	129	120	*249*	*16.6*	**200**
	12/9/2015	**110**	133	*269*	*417*	126	131	*257*	<1.9	**203**
PZ-700	Installed April 15, 1997									
	4/18/1997	<.3	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	6/20/1997	<.1	<.1	<.1	<.2	-	-	-	-	-
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	Not Sampled								
	12/9/2015	Not Sampled								
PZ-800	Installed June 10, 1997									
	6/20/1997	0.3	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	Not Sampled								
	12/9/2015	Not Sampled								
PZ-900	Installed June 11, 1997									
	6/20/1997	*1.3*	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	5/6/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.25	<.22	<.25	<.39	<.25	<.19	<.25	<.23	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
Ruth Diamond (former) Water Supply										
	2/10/1997	**686**	<7.4	15	265	63	17	80	<3.1	*28*
	4/18/1997	<.3	<.4	<.5	<1.4	<.5	<.4	<.5	<.2	<.4
	7/25/2007	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	1/9/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	7/29/2008	<.2	<.5	<.2	<.5	<.2	<.2	<.2	<.5	<.25
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
	8/8/2014	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	11/18/2014	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	9/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	12/9/2015	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
Pig Farm well (grab sample from top of water column due to pipe in well)										
	8/8/2014	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
	11/18/2014	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
(yield test)	2/16/2016	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
Old Church Well										
	8/29/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
(yield test)	2/16/2016	<.4	<.39	.98J	<1.2	<.42	<.42	<.42	<.48	<.42
Town Hall well (outside faucet)										
	10/26/2012	<.39	<.41	<.42	<1.3	<.43	<.4	<.43	<.38	<.4
(yield test)	2/16/2016	<.4	<.39	<.39	<1.2	<.42	<.42	<.42	<.48	<.42
T-1	Installed 10/18/12									
	10/26/2012	**6.1**	*322*	<2.1	*1130*	654	205	**859**	*18.4*	**168**
	Abandoned 8/4/14 due to excavation									
T-2	Installed 10/18/12									
	10/26/2012	**2990**	**1740**	**5820**	**6950**	875	257	**1132**	*38*	**349**
	Abandoned 8/4/14 due to excavation									
T-3	Installed 10/18/12									
	10/26/2012	**10.2**	<.41	1.6	<1.3	<.43	0.85	0.85	<.38	4

12 Concentration exceeds NR140 Enforcement Standard
12 Concentration exceeds PAL

Table 2: Summary of Soil Data
Webster Pig Farm
Donald, Wisconsin
Meridian No. 05F784

Sample	Depth	Date	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Total TMB	m&p Xylenes	o-Xylenes	Total Xylene
Units	*ft*		*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
Samples collected by Northern Environmental													
PZ100													
PZ103	6-8	10/6/1996	<25	<25		<25	27	<25	<25	<25			<50
PZ104	8-10	12/6/1996	<25	<25		<25	<25	<25	<25	<25			<50
PZ113	26-28	12/6/1996	900	<25		49	49	83	<25	<25			408
PZ117	34-36	12/6/1996	1390	<25		77	44	146	43	189			624
PZ200													
PZ203	6-8	12/5/1996	<25	<25		<25	<25	<25	<25	<25			<50
PZ211	22-24	12/5/1996	<25	<25		<25	<25	<25	<25	<25			<50
PZ300													
PZ303	6-8	12/5/1996	<25	<25		<25	<25	<25	<25	<25			<50
PZ316	32-34	12/5/1996	<25	<25		<25	<25	<25	<25	<25			<50
PZ18	36-38	12/5/1996	<25	<25		<25	28	<25	<25	<25			<50
PZ400													
PZ403	6-8	12/5/1996	<25	<25		<25	<25	<25	<25	<25			<50
PZ412	24-26	12/5/1996	<25	<25		<25	<25	<25	<25	<25			<50
PZ500													
PZ503	6-8	12/6/1996	<25	<25		90	30	<25	<25	<25			<50
PZ600													
PZ603	6-8	4/14/1997	<16	<3.6		<12	<8.8	<5	<7.9	<7.9			<18.7
PZ604	8-10	4/14/1997	150	2580		618	1080	9710	3670	13380			10150
PZ610	20-22	4/14/1997	643	172		<12	205	241	91	332			640
PZ615	30-32	4/14/1997	67	<3.7		<12	<9.1	43	<8.1	43			50
PZ700													
PZ703	6-8	4/14/1997	<16	<3.6		<12	<8.9	<5.1	<7.9	<7.9			<18.7
PZ715	30-32	4/15/1997	<16	<3.7		<12	<9.1	<5.1	<8	<8			<18.8
PZ800													
PZ802	4-6	6/10/1997	<16	<3.7		<12	<9.1	<5.2	<8.1	<8.1			<18.9
PZ814	28-30	6/10/1997	<16	<3.7		<12	<9.1	<5.2	<8.1	<8.1			<18.9
PZ900													
PZ902	4-6	6/10/1997	<16	<3.7		<12	<9.1	<5.2	<8.1	<8.1			<18.9
Cedar Corp Geoprobe Borings in front of Donald Store (April 2007)													
G1	4	4/6/2007	35	120	<30	360	<30	420	420	840			330
G1	10.5	4/6/2007	<30	70	<30	220	<30	270	530	800			130
G1 (water)	10.5	4/11/2007	<.2	<.5	<.5	0.4	<.2	0.28	10	10.28			<.5
G2	8	4/6/2007	<28	<28	<28	<55	<28	50	<28	50			<94
G2	10	4/6/2007	<30	<30	<30	62	<30	250	120	370			210
G2 (water)	10	4/6/2007	1	0.88	<.5	39	4.5	77	23	100			190
G3	4	4/6/2007	<31	<31	<31	<61	<31	<31	<31	<31			<100
G3	10	4/6/2007	<29	<29	<29	<57	<29	<29	<29	<29			<97
G3 (water)	10	4/11/2007	<20	<.5	<.5	<.25	<.2	<.2	<.2	<.2			<.5
Geoprobes (October 18, 2012)													
GP-1: 7'	7	10/18/12	<125	2010	<125	717	<125	2040	4750	6790	<250	2050	2050
GP-1: 12'	12	10/18/12	<312	8110	1020	5600	<312	29100	17300	46400	26300	5650	31950
GP-1: 19'	19	10/18/12	<25	141	<25	43.3	<25	103	32.9	135.9	167	190	357
GP-2: 3'	3	10/18/12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
GP-2: 7'	7	10/18/12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
GP-3: 3'	3	10/18/12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
GP-3: 7'	7	10/18/12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
GP-4: 10'	10	10/18/12	<500	35100	1210	12400	14700	49200	25300	74500	20500	80900	101400
GP-5: 3'	3	10/18/12	11600	53500	2850	36900	21400	1840000	103000	1943000	215000	34600	249600
GP-5: 7'	7	10/18/12	1050	9020	490	3720	2140	20400	12000	32400	22300	8510	30810
GP-6: 3'	3	10/18/12	<25	121	<25	34.4	345	83.7	30.5	114.2	556	148	704
GP-6: 7'	7	10/18/12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
*GP-8: 4'	4	10/18/12	388	14100	<250	9690	17700	61300	21000	82300	68500	30100	98600

** GP-8 installed in front of Donald Store*

Table 3: Ground Water Levels
Webster Pig Farm
Donald (Gilman), Wisconsin
05F784

(MW-100 abandoned)

PZ-100		
Surface Elevation (ft)		1201.5
Top of Casing elevation (ft)		1201.33
Top of Screen Elevation (ft)*		1171.5
Bottom of Screen Elevation (ft)		1166.5
Well Diameter		2-inch
Installed		12/18/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	12.31	1189.02
8/8/2014	9.55	1191.78
11/18/2014	8.73	1192.60

MW-200		
Surface Elevation (ft)		1200.5
Top of Casing elevation (ft)		1200.3
Top of Screen Elevation (ft)*		1193.5
Bottom of Screen Elevation (ft)		1183.5
Well Diameter		2-inch
Installed		12/5/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.38	1188.92
8/8/2014	NM	
11/18/2014	NM	

PZ-200		
Surface Elevation (ft)		1200.5
Top of Casing elevation (ft)		1200.34
Top of Screen Elevation (ft)*		1171.5
Bottom of Screen Elevation (ft)		1166.5
Well Diameter		2-inch
Installed		12/17/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.44	1188.90
8/8/2014	NM	
11/18/2014	NM	

MW-300		
Surface Elevation (ft)		1200.75
Top of Casing elevation (ft)		1200.59
Top of Screen Elevation (ft)*		1194.75
Bottom of Screen Elevation (ft)		1184.75
Well Diameter		2-inch
Installed		12/5/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.93	1188.66
8/8/2014	NM	
11/18/2014	NM	

PZ-300		
Surface Elevation (ft)		1200.5
Top of Casing elevation (ft)		1200.45
Top of Screen Elevation (ft)*		1170.1
Bottom of Screen Elevation (ft)		1165.1
Well Diameter		2-inch
Installed		12/17/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.83	1188.62
8/8/2014	NM	
11/18/2014	NM	

MW-400		
Surface Elevation (ft)		1200
Top of Casing elevation (ft)		1199.78
Top of Screen Elevation (ft)*		1195
Bottom of Screen Elevation (ft)		1185
Well Diameter		2-inch
Installed		12/4/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.23	1188.55
8/8/2014	NM	
11/18/2014	NM	

PZ-400		
Surface Elevation (ft)		1200
Top of Casing elevation (ft)		1199.89
Top of Screen Elevation (ft)*		1172.5
Bottom of Screen Elevation (ft)		1167.5
Well Diameter		2-inch
Installed		12/3/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.28	1188.61
8/8/2014	8.61	1191.28
11/18/2014	7.88	1192.01

MW-500		
Surface Elevation (ft)		1201
Top of Casing elevation (ft)		1200.96
Top of Screen Elevation (ft)*		1196
Bottom of Screen Elevation (ft)		1186
Well Diameter		2-inch
Installed		12/6/1996
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	12	1188.96
8/8/2014	NM	
11/18/2014	NM	

MW-600		
Surface Elevation (ft)		1202
Top of Casing elevation (ft)		1201.96
Top of Screen Elevation (ft)*		1195.5
Bottom of Screen Elevation (ft)		1185.5
Well Diameter		2-inch
Installed		4/14/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	12.57	1189.39
8/8/2014	10.29	1191.67
11/18/2014	9.17	1192.79

PZ-600		
Surface Elevation (ft)		1201.75
Top of Casing elevation (ft)		1201.69
Top of Screen Elevation (ft)*		1198.75
Bottom of Screen Elevation (ft)		1193.75
Well Diameter		2-inch
Installed		4/14/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	12.34	1189.35
8/8/2014	9.85	1191.84
11/18/2014	8.85	1192.84

MW-700		
Surface Elevation (ft)		1202
Top of Casing elevation (ft)		1204.72
Top of Screen Elevation (ft)*		1200
Bottom of Screen Elevation (ft)		1190
Well Diameter		2-inch
Installed		4/15/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	15.26	1189.46
8/8/2014	NM	
11/18/2014	NM	

PZ-700		
Surface Elevation (ft)		1202
Top of Casing elevation (ft)		1203.36
Top of Screen Elevation (ft)*		1170.5
Bottom of Screen Elevation (ft)		1165.5
Well Diameter		2-inch
Installed		4/15/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	14.02	1189.34
8/8/2014	NM	
11/18/2014	NM	

MW-800		
Surface Elevation (ft)		1200.25
Top of Casing elevation (ft)		1200.03
Top of Screen Elevation (ft)*		1196.25
Bottom of Screen Elevation (ft)		1186.25
Well Diameter		2-inch
Installed		6/10/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	11.18	1188.85
8/8/2014	NM	
11/18/2014	NM	

PZ-800		
Surface Elevation (ft)		1199
Top of Casing elevation (ft)		1198.99
Top of Screen Elevation (ft)*		1168
Bottom of Screen Elevation (ft)		1163
Well Diameter		2-inch
Installed		6/10/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	10.14	1188.85
8/8/2014	NM	
11/18/2014	NM	

MW-900		
Surface Elevation (ft)		1199
Top of Casing elevation (ft)		1198.9
Top of Screen Elevation (ft)*		1195.5
Bottom of Screen Elevation (ft)		1185.5
Well Diameter		2-inch
Installed		6/10/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	10.59	1188.31
8/8/2014	NM	
11/18/2014	NM	

PZ-900		
Surface Elevation (ft)		1199
Top of Casing elevation (ft)		1198.82
Top of Screen Elevation (ft)*		1170
Bottom of Screen Elevation (ft)		1165
Well Diameter		2-inch
Installed		6/11/1997
Meas. Date	Depth to Water (ft)	Elevation (ft)
8/29/2012	10.48	1188.34
8/8/2014	NM	
11/18/2014	NM	

Table 4: Natural Attenuation Data

Webster Pig Farm
Donald, Wisconsin
Meridian No. 05F784

Well	DO	pH	Conductivity	Temp
Units	mg/l		uS	C
MW-600				
11/18/2014	1	6.75	118.3	11
PZ-600				
11/18/2014	1	7.12	115.4	11.8
PZ-100				
11/18/2014	3	6.85	201.4	9.7
PZ-400				
11/18/2014	1	7.79	1276	9.3
Pig Farm Well				
11/18/2014	2	8.85	184.3	9.4

DO measured using ampules
pH, conductivity, temperature measured with Oakton Multiparameter Testr 35

APPENDIX B

Cedar Corp – Geoprobe Data

Cedar corporation

604 Wilson Avenue • Menomonie, Wisconsin 54751
715-235-9081
800-472-7372
Fax • 715-235-2727
www.cedarcorp.com

August 15th, 2007

WDNR
Attn: Jill Zalesny
107 Sutliff Avenue
Rhinelander, WI 54501

SUBJECT: Reporting for the Donald Store – Donald, WI

Dear Ms. Zalesny:

Cedar Corporation has completed the geologic logging of three geoprobe borings, as well as, the collection and analysis of soil and water for Photoionization and volatile organic compounds (VOC's) at the former general store in Donald, WI. The geoprobe borings extended to a perched water table located between 10 and 12 feet below ground surface (bgs). Photoionization readings were taken at two foot intervals and are recorded on the attached soil boring logs. Two VOC samples were collected per boring as well as the collection of a groundwater sample through a temporary well screen. The analytical results from the sampling are recorded in the attached Table 1. Analytical results, soil boring logs and soil boring abandonment forms are enclosed for your review.

If you have any questions regarding the project, please do not hesitate to contact me at 800-472-7372. Thank you for your continued cooperation. Have a very pleasant day.

Sincerely,

CEDAR CORPORATION

Kathryn DesForge, Soil Scientist

Enclosures

TABLE 1

DONALD STORE
DONALD, WI

					Results reported In ug/Kg								
					Benzene	E - Benzene	1,2-DCA	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
Wis Adm. Code NR720, Table 1 & 2, Residual Contaminant Levels					5.5	2,900	5	NS	NS	1,500	NS	NS	4,100
Wis Adm. Code NR746.06 Table 1, Residual Petroleum Product					8,500	4,600	600	NS	2,700	38,000	83,000	11,000	42,000
Wis Adm. Code NR746.06 Table 2, Direct Contact					1,100	NS	540	NS	NS	NS	NS	NS	NS
Boring Name	**Sample Depth**	**Sample Date**	**Laboratory ID**	**Dissolved Iron mg/kg**									
G1	4'	4/6/2007	WQD0365-01		35	120	<30	<30	360	<30	420	420	330
G1	10.5'	4/6/2007	WQD0365-02		<30	70	<30	<30	220	<30	270	530	130
G1	10.5'	4/11/2007	WQD0484-01		<0.20	<0.50	<0.50	<0.50	0.4	<0.20	0.28	10	<0.50
G2	4'	4/6/2007	WQD0365-03										
G2	8'	4/6/2007	WQD0365-04		<28	<28	<28	<28	<55	<28	50	<28	<94
G2	10'	4/6/2007	WQD0365-05		<30	<30	<30	<30	62	<30	250	120	210
G2	10'	4/6/2007	WQD0365-08		1	0.88	<0.50	<0.50	39	4.5	77	23	190
G3	4'	4/6/2007	WQD0365-06		<31	<31	<31	<31	<61	<31	<31	<31	<100
G3	10'	4/6/2007	WQD0365-07		<29	<29	<29	<29	<57	<29	<29	<29	<97
G3	10'	4/11/2007	WQD0484-02		<20	<0.50	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50

MTBE = Methyl tert butyl ether
TMB = Trimethylbenzene
E-Benzene = Ethylbenzene
1,2-DCA = 1,2 Dichloroethane
ug/Kg= micrograms per kilogram = ppb = parts per billion
mg/Kg= milligrams per kilogram = ppm = parts per million
Values in Bold Typeface exceed listed table value.
IU = Instrument Units
NA = Not Analyzed
NS = No Standard Established

DONALD STORE
DONALD, WI

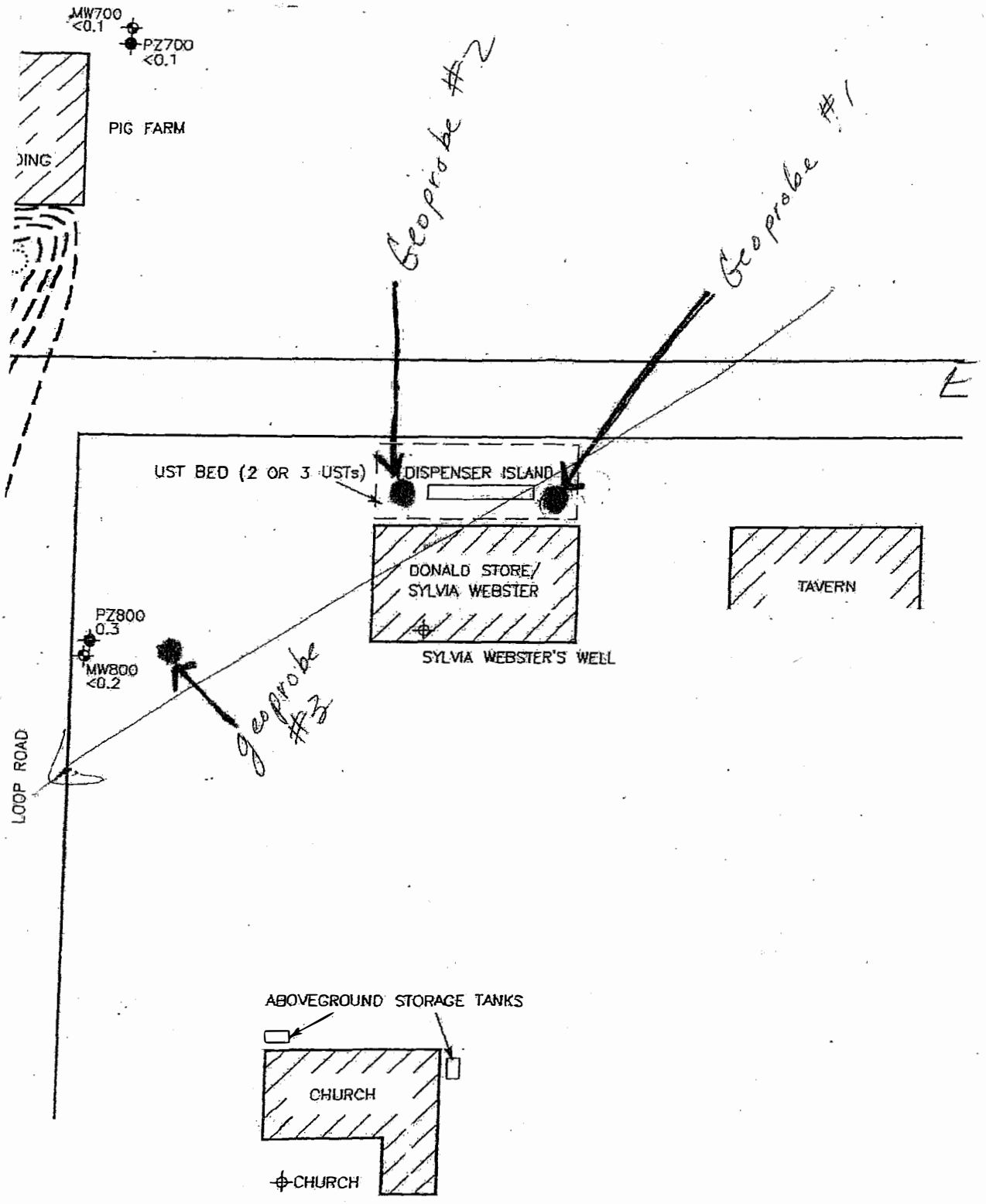
					Results reported in ug/Kg								
					Benzene	E - Benzene	1,2-DCA	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Xylenes
Wis Adm. Code NR720, Table 1 & 2, Residual Contaminant Levels					5.5	2,900	5	NS	NS	1,500	NS	NS	4,100
Wis Adm. Code NR746.06 Table 1, Residual Petroleum Product					8,500	4,600	600	NS	2,700	38,000	83,000	11,000	42,000
Wis Adm. Code NR746.06 Table 2, Direct Contact					1,100	NS	540	NS	NS	NS	NS	NS	NS
Boring Name	Sample Depth	Sample Date	Laboratory ID	Dissolved Iron mg/kg									
G1	4'	[redacted]			35	120	<30	<30	360	<30	420	420	330
G1	10.5'	[redacted]			<30	70	<30	<30	220	<30	270	530	130
G1	10.5'	[redacted]			0.20	<0.50	<0.50	<0.50	0.4	<0.20	0.28	10	<0.50
G2	4'	[redacted]											
G2	8'	[redacted]			<28	<28	<28	<28	<55	<28	50	<28	<94
G2	10'	[redacted]			<30	<30	<30	<30	62	<30	250	120	210
G2	10'	[redacted]			1	0.88	<0.50	<0.50	39	4.5	77	28	190
G3	4'	[redacted]			<31	<31	<31	<31	<61	<31	<31	<31	<100
G3	10'	[redacted]			<29	<29	<29	<29	<57	<29	<29	<29	<97
G3	10'	[redacted]			<20	<0.50	<0.50	<0.50	<0.25	<0.20	<0.20	<0.20	<0.50

Geoprobe 1
Geoprobe 2
Geoprobe 3

MTBE = Methyl tert butyl ether
TMB = Trimethylbenzene
E-Benzene = Ethylbenzene
1,2-DCA = 1,2 Dichloroethane
ug/Kg = micrograms per kilogram = ppb = parts per billion
mg/Kg = milligrams per kilogram = ppm = parts per million
Values in Bold Typeface exceed listed table value.
IU = Instrument Units
NA = Not Analyzed
NS = No Standard Established

[redacted] soil Samples taken at different depths

[redacted] water sample taken - one per boring



DRAWN BY: BJF	PROJECT: DNR430070	DATE: 8/4/97
REV. DATE 9/17/97	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.	FIGURE 8 GROUND-WATER ISOCONCENTRATION MAP (6/20/97) VILLAGE OF DONALD DONALD, WISCONSIN
/97	▲ Northern Environmental℠ Hydrologists • Engineers • Geologists	WISCONSIN DEPARTMENT OF NATURAL RESOURCES

State of Wisconsin
Department of Natural Resources

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

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

Facility/Project Name: Donald Store	License/Permit/Monitoring Number	Boring Number: G1
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Jeff — Last Name: Annis — Firm: Geiss Soil & Samples, LLC. - SGS	Date Drilling Started: 4 6 2007 (M M D D Y Y Y Y)	Date Drilling Completed: 4 6 2007 (M M D D Y Y Y Y) — Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No. — Common Well Name	Final Static Water Level: Feet MSL — Surface Elevation: Feet MSL — Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane ____ N, ____ E S/C/N	Lat 90° 53' 48.12" — Lor 45° 15' 8.88"	Local Grid Location: ☐ N ☐ E Feet ☒ S Feet ☒ W
NE 1/4 SW 1/4 Sec. 17 , T 32 N, R 4 W		
Facility ID	County: Taylor — DNR County Code: 6 1	Civil Town/City/ or Village: Town of Pershing

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID ppm	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				10" of gravel base coarse	SW					M				
				Bt horizon Sandy Loam 10YR 3/3 with 9% gravel	SM					M				
	48			Sandy Clay Loam 10YR 5/2 & 5/6, redox depletions & accumulations 7% gravel	SC			6.9		M				
				Sandy Clay Loam 10YR 5/2 & 4/4, redox depletions & accumulations 10% gravel	SC			37.4		M				
			5	Sandy Clay Loam 10YR 5/2 & 4/4, redox depletions & accumulations 10% gravel	SC					M				
	48			Sandy Loam dense Till 5YR 3/4 with 6% gravel	SM			1.2		M				
								0.2						
				Sandy Loam dense Till 5YR 3/4 with 6% gravel	SM					M				
	48		10					1.0						
				water at 11'						M-W ▼				
										W				
				End of Boring 12'										
			20											
			25											
			30											

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

Signature: Kathryn DesForge — Firm: Cedar Corporation

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may results 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 form should be sent.

State of Wisconsin
Department of Natural Resources

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

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

Facility/Project Name: Donald Store	License/Permit/Monitoring Number	Boring Number: G2	
Boring Drilled By: Name of crew chief (first, last) and Firm: First Name: Jeff Last Name: Annis Firm: Geiss Soil & Samples, LLC. - SGS	Date Drilling Started: 4 6 2007 (M M D D Y Y Y Y)	Date Drilling Completed: 4 6 2007	Drilling Method: Geoprobe
WI Unique Well No. / DNR Well ID No. / Common Well Name	Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E S/C/N	Lat 90° 53' 47.73" Lon 45° 15' 8.90"	Local Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W	
NE 1/4 SW 1/4 Sec. 17 ,T 32 N, R 4 W			
Facility ID	County: Taylor	DNR County Code: 6 1	Civil Town/City/ or Village: Town of Pershing

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID ppm	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
				10" of gravel base coarse	SW					M				
	48			Bt horizon Sandy Loam 10YR 3/3 with 8% gravel	SM			0.4		M				
								0.8		M				
	48		5	Sandy Clay Loam 10YR 4/3 & 5/2 w/10% gravel, redox depletions & accumu Sandy Loam dense Till 5YR 3/4 with 11% gravel	SC SM			10.6		M				
				Sandy Loam Till 5YR 3/4	SM			9960		M				
	48		10	water at 10.5'				8405		M-W ▼				
				End of Boring 12'						W				
			20											
			25											
			30											

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

Signature: Kathryn DesForge Firm: Cedar corporation

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may results 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 form should be sent.

State of Wisconsin
Department of Natural Resources

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

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

Facility/Project Name: Donald Store	License/Permit/Monitoring Number	Boring Number: G3
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Jeff Last Name: Annis Firm: Geiss Soil & Samples, LLC. - SGS	Date Drilling Started: 4 6 2007 (M M D D Y Y Y Y)	Date Drilling Completed: 4 6 2007 (M M D D Y Y Y Y) Drilling Method: Geogprobe
WI Unique Well No. / DNR Well ID No. / Common Well Name	Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E S/C/N	Lat 90° 53' 48.38" Lon 45° 15' 8.48"	Local Grid Location ☐ N Feet ☐ S ☐ E Feet ☐ W
NE 1/4 SW 1/4 Sec. 17 T 32 N, R 4 W		
Facility ID	County: Taylor	DNR County Code: 6 1 Civil Town/City/ or Village: Town of Pershing

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID ppm	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48			Ap horizon Sandy Loam 10YR 3/1	SM					M				
				Bt horizon Sandy Loam 10YR 5/3 with 8% gravel	SM			0.0		M				
	48		5	Sandy Loam 10YR 5/3 with 6% gravel redox accumulations and depletions	SM			0.0		M				
				Sandy Loam dense Till 5YR 3/4 with 7% gravel	SM			0.0		M				
	48		10	Sandy Loam Dense Till 5YR 3/4	SM			0.0		M				
				water at 10'				0.0		M-W ▼				
				End of Boring 12						W				
			20											
			25											
			30											

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

Signature: Kathryn DesForge Firm: Cedar corporation

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State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
Donald Store	Taylor	G1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	61		

1. Can this well be purged dry? ☐ Yes ☒ No

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: 30 min.

4. Depth of well (from top of well casisng): 12.0 ft.

5. Inside diameter of well: 2.0 in.

6. Volume of water in filter pack and well casing: ____.__ gal.

7. Volume of water removed from well: ____.__ gal.

8. Volume of water added (if any): ____.__ gal.

9. Source of water added: _____

10. Analysis performed on water added? ☒ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 11.0 ft.	11.0 ft.
Date	b. 04/06/2007	04/06/2007
Time	c. ____ : ____ ☐ a.m. ☐ p.m.	____ : ____ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	____.__ inches	____.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Last Name:
Firm: Cedar Corporation

17. Additional comments on development:

Soil boring was drilled with a Geoprobe to the water table, sampled and then abandoned.

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Kathryn DesForge
Print Name: Kathryn DesForge
Firm: Cedar corporation

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
Donald Store	Taylor	G2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	61		

1. Can this well be purged dry? ☐ Yes ☐ No

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 30 min.

4. Depth of well (from top of well casisng) 12.0 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing _____ gal.

7. Volume of water removed from well _____ gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added _____

10. Analysis performed on water added? ☒ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.5 ft.	10.5 ft.
Date	b. 04/06/2007 (m m / d d / y y y y)	04/06/2007
Time	c. _____ ☐ a.m. ☐ p.m.	_____ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Last Name:
Firm: Cedar Corporation

17. Additional comments on development:

Soil boring was drilled with a Geoprobe to the water table, sampled and then abandoned.

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Kathryn DesForge
Print Name: Kathryn DesForge
Firm: Cedar corporation

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
Donald Store	Taylor	G3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	61	_____	_____

1. Can this well be purged dry? ☐ Yes ☐ No

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 _____	☐ [redacted]

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) 12.0 ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing ____.__ gal.

7. Volume of water removed from well ____.__ gal.

8. Volume of water added (if any) ____.__ gal.

9. Source of water added _____

10. Analysis performed on water added? ☒ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.0 ft.	10.0 ft.
Date	b. 04 / 06 / 2007	04 / 11 / 2007
Time	c. ☐ a.m. ☐ p.m.	☐ a.m. ☐ p.m.
12. Sediment in well bottom	____.__ inches	____.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Last Name:
Firm: Cedar Corporation

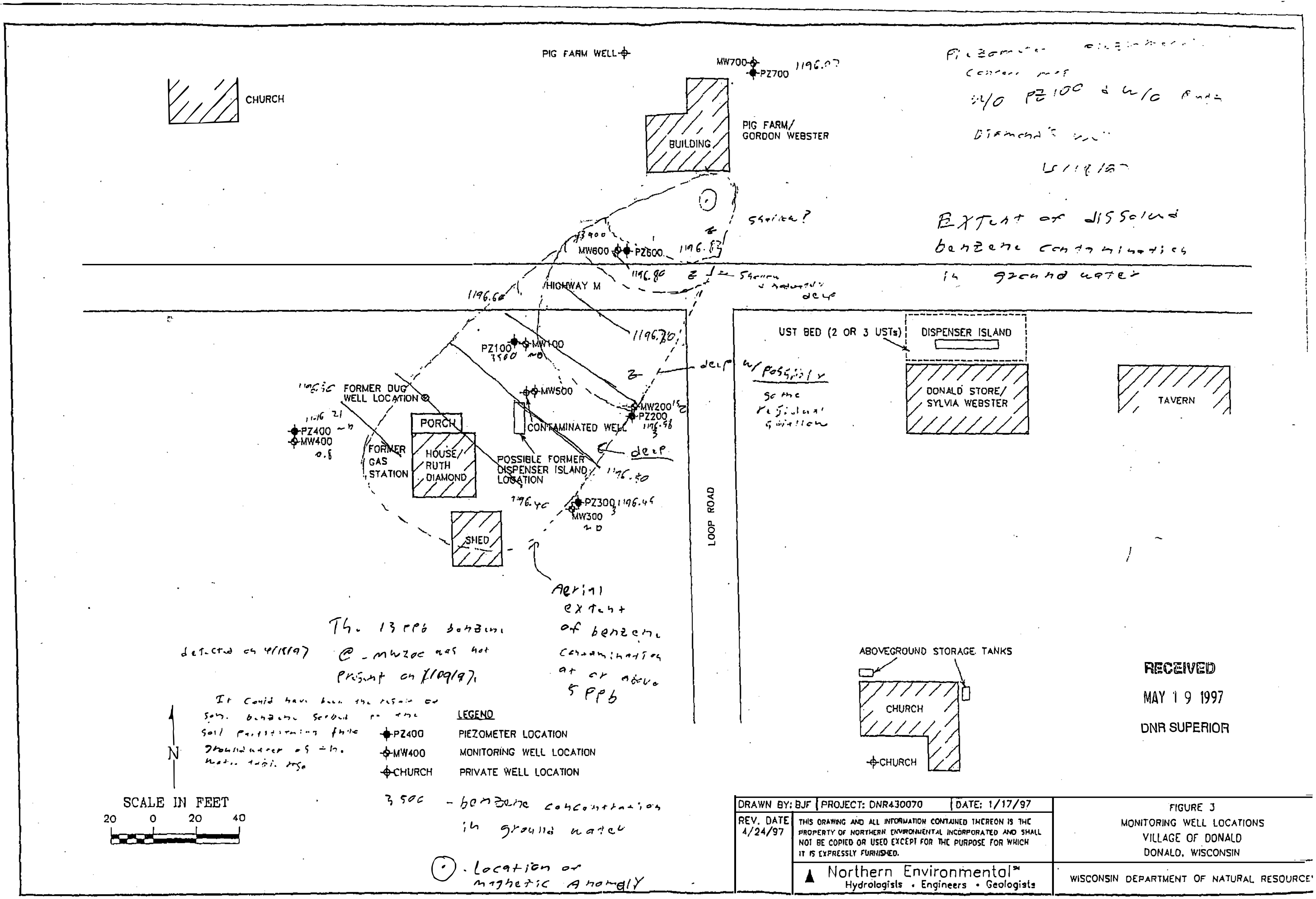
17. Additional comments on development:

Soil boring was drilled with a Geoprobe to the water table, sampled a week later because recharge very slow and then abandoned.

Name and Address of Facility Contact/Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Kathryn DesForge
Print Name: Kathryn DesForge
Firm: Cedar corporation

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



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APPENDIX C

SOIL BORING LOGS
AND
MONITORING WELL CONSTRUCTION FORMS

GP-8 : Installed during webster Pig farm S.I.

State of Wisconsin
Department of Natural Resources

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

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Webster Pig Farm / Donald Store		GP-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Darin Last Name: Firm: Geo55	10/18/2012 (m m/d d/y y y y)	10/18/2012 (m m/d d/y y y y)	Geoprobe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
Lat ° ' " Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor		Donald (Gilman Post office)

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	gravel. brown clayey sand concrete ~ 4 ft.				0		d				
			5	brown sand & gravel				120		d				
			10	brown clayey sand				30		d				
			15	EOB = 16 ft				20		w				
			20											

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

Signature _____ Firm Meridian Environmental Cslt, LLC

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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Donell Store	Local Grid Location of Well: _____ ft. ☐N ☐S, _____ ft. ☐E ☐W	Well Name: D-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 2/18/2016 (m m d d y y y y)
Type of Well: Well Code ____/____	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Kevin Beiss
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: _____

A. Protective pipe, top elevation ____0____ ft. MSL
B. Well casing, top elevation ____0____ ft. MSL
C. Land surface elevation ____0____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or __1__ ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

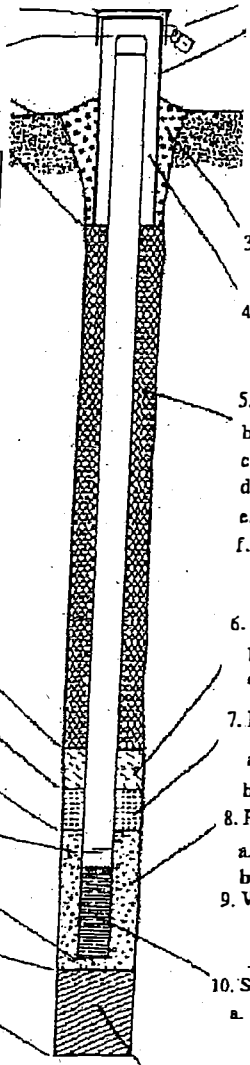
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

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

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

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

E. Bentonite seal, top ____ ft. MSL or __6__ ft.
F. Fine sand, top ____ ft. MSL or __8__ ft.
G. Filter pack, top ____ ft. MSL or __8__ ft.
H. Screen joint, top ____ ft. MSL or __10__ ft.
I. Well bottom ____ ft. MSL or __20__ ft.
J. Filter pack, bottom ____ ft. MSL or __21__ ft.
K. Borehole, bottom ____ ft. MSL or __21__ ft.
L. Borehole, diameter __8__ in.
M. O.D. well casing __2__ in.
N. I.D. well casing __2__ in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 12 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft³
8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.1 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

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

Signature: _____ Firm: Meridian Env. - Cs Hg, LLC

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.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name: Former Donald Store	License/Permit/Monitoring Number	Boring Number: D1
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm:	Date Drilling Started: 02/18/2016 (m m d d y y y y)	Date Drilling Completed: 02/18/2016 (m m d d y y y y) — Drilling Method: Geoprobe/HSA
WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: _____ inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E	Lat ° ' " — Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____		
Facility ID	County: Taylor	County Code
Civil Town/City/ or Village: Pershing Township (Bitman P.O.)		

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				brown silt.				0		M				
			5	silty sand.			2" PVC	0						
			10	silty Sand				0		wet				
				sandy silt										
			15					0						
								0						
			20											
				EOB = 21 ft.										

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

Signature: _____ Firm: Meridian Environmental Consulting

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State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
Former Donald Store	Taylor	D-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☐ Yes ☒ No

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 _____	☐	[illegible]

3. Time spent developing well ~30 min.

4. Depth of well (from top of well casing) 20.__ ft.

5. Inside diameter of well 2.__ in.

6. Volume of water in filter pack and well casing ~2.__ gal.

7. Volume of water removed from well 10.__ gal.

8. Volume of water added (if any) ___.__ gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 5.58 ft.	8.__ ft.
Date	b. 3/9/2016 (m m / d d / y y y y)	3/9/2016 (m m / d d / y y y y)
Time	c. __:__ ☐ a.m. ☐ p.m.	__:__ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)
14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Ken Last Name: Shinko
Firm: Meridian Environmental Cslty

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Ken Last Name: Shinko
Facility/Firm: Meridian Env-Cslty, LLC
Street: 2711 N. Falco Rd
City/State/Zip: Fall Creek WI 54742

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Ken Shinko
Firm: Meridian Env. Cslty

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

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Donald Store	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: DZ
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or St. Plane _____ ft. N, _____ ft. E. S/C/N	Wis. Unique Well No.: _____ DNR Well ID No.: _____
Facility ID: _____	Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec. ___ T. ___ N. R. ___ ☐E ☐W	Date Well Installed: 2/18/2016 (m m d d y y y y)
Type of Well: Well Code ___ / ___	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Well Installed By: Name (first, last) and Firm: Kevin Weiss
Distance from Waste/Source _____ ft.	Enf. Stds. Apply ☐	Gov. Lot Number: _____

A. Protective pipe, top elevation ____0__ ft. MSL

B. Well casing, top elevation ____0__ ft. MSL

C. Land surface elevation ____0__ ft. MSL

D. Surface seal, bottom ____ ft. MSL or __1__ ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

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

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

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

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

E. Bentonite seal, top ____ ft. MSL or __8__ ft.

F. Fine sand, top ____ ft. MSL or __8__ ft.

G. Filter pack, top ____ ft. MSL or __8__ ft.

H. Screen joint, top ____ ft. MSL or __10__ ft.

I. Well bottom ____ ft. MSL or __20__ ft.

J. Filterpack, bottom ____ ft. MSL or __21__ ft.

K. Borehole, bottom ____ ft. MSL or __21__ ft.

L. Borehole, diameter __8__ in.

M. O.D. well casing __2__ in.

N. I.D. well casing __2__ in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 12 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

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

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.1 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

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

Signature: _____ Firm: Meridian Env. - Cs Hg, LLC

Please complete both Form 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.

State of Wisconsin
Department of Natural Resources

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

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Donald Store		D2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm:	02/18/2016 (m m d d y y y y)	02/18/2016 (m m d d y y y y)	Geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____

Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor		Pershing Township (Gilman P.O.)

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				next to GP-2									
				earth drill									
			5										
			10										
			15										
			20										
				EOB = 21 ft									

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

Signature _____ Firm Meridian Environmental Consulting

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.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
Former Donald Store	Taylor	D-2
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	__	_____ / ___

1. Can this well be purged dry? ☐ Yes ☒ No

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 ~30 min.

4. Depth of well (from top of well casisng) 20.__ ft.

5. Inside diameter of well 2.__ in.

6. Volume of water in filter pack and well casing ~2.__ gal.

7. Volume of water removed from well 10.__ gal.

8. Volume of water added (if any) ___.__ gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 6.50 ft.	8.5 ft.
Date	b. 3/9/2016 (m m d d y y y y)	3/9/2016 (m m d d y y y y)
Time	c. __:__ ☐ a.m. ☐ p.m.	__:__ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Ken Last Name: Shimko
Firm: Meridian Environmental Cslty

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Ken Last Name: Shimko
Facility/Firm: Meridian Env- Cslty, LLC
Street: 2711 N. Flco Rd
City/State/Zip: Fall Creek WI 54742

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Ken Shimko
Firm: Meridian Env. Cslty

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

te of Wisconsin
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MONITORING WELL CONSTRUCTION
Form 4400-113A 8-89

Facility/Project Name	Grid Location	Well Name
	ft. ☐ N. ☐ S.	MW-800
Facility License, Permit or Monitoring Number	ft. ☐ E. ☐ W.	Wis. Unique Well Number / DNR Well Number

Type of Well: Water Table Observation Well ☒ 11; Piezometer ☐ 12	Section Location: ____ 1/4 of ____ 1/4 of Section ____, T ____ N, R ____ ☐ E ☐ W	Date Well Installed: m m / d d / y y
Distance Well Is From Waste/Source Boundary: ____ ft.		Well Installed By: (Person's Name and Firm): Jerry Etter / Giles Engineering
Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source: ☐ Upgradient ☐ Sidegradient ☐ Downgradient ☐ Not Known	

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

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

13. Sieve analysis attached? ☐ Yes ☐ No

a. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ ____

b. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

c. Drilling additives used? ☐ Yes ☒ No

Describe ____

d. Source of water (attach analysis): ____

E. Bentonite seal, top ____ ft. MSL or 10 ft.
F. Fine sand, top ____ ft. MSL or 30 ft.
G. Filter pack, top ____ ft. MSL or 35 ft.
H. Well screen, top ____ ft. MSL or 40 ft.
I. Well screen, bottom ____ ft. MSL or 140 ft.
J. Filter pack, bottom ____ ft. MSL or 140 ft.
K. Borehole, bottom ____ ft. MSL or 140 ft.
L. Borehole, diameter 8.2 in.
M. O.D. well casing 2.34 in.
N. I.D. well casing 2.0 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 4.0 ft.
c. Material: Steel ☒ 04; Other ☐ ____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Expandable Cap
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐; Other ☐ ____
5. Annular space seal: Granular Bentonite ☒ 33; ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35; ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31; ____ % Bentonite ..... Bentonite-cement grout ☐ 50; 50 lbs ft³ volume added for any of the above
How installed: Tremie ☒ 01; Tremie pumped ☐ 02; Gravity ☐ 08
6. Bentonite seal: Bentonite granules ☐ 33; ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32; Chipped Bentonite Other ☒ ____
7. Fine sand material: Manufacturer, product name and mesh size: #45-55 Red Flint
Volume added 50 lbs ft³
8. Filter pack material: Manufacturer, product name and mesh size: #30 Red Flint
Volume added 350 lbs ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____
10. Screen material: PVC
Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ ____
Manufacturer: Dicorich
Slot size: 0.10 in.
Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒; Other ☐ ____

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

Signature: Jim Gribler Firm: Giles Engineering

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5,000 for each day of violation. In accordance

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Village of Donald		MW800

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Giles Engineering	6/10/97	6/10/97	4.25" ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet	Feet	8.25" Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of SE 1/4 of Section 17 T 32N N,R 4W
Lat 45° 15' 8"
Long 90° 53' 50"

Local Grid Location (If applicable)
☐ N Feet ☐ E
☐ S Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
TAYLOR	61	

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
			0	(0.0' - 1.0') TOPSOIL, dark brown, silty, moist. (OL, Loess)	OL									
			1	(1.0' - 4.0') SILT, with some clay and trace to little fine sand, light brown with some brown and gray mottles, homogeneous structure, medium dense, moist, no odor. (ML, Loess)	ML									
PZ801	18	2 3 4 6	2 3					2.2						
PZ802	16	5 4 4 5	4 5	(4.0' - 5.5') SANDY SILT, with little clay, sand is fine grained with trace of medium sand, reddish-brown (5YR 4/6), homogeneous structure, firm, moist, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			2.2						
PZ803	14	3 5 10 9	6 7	(5.5' - 7.5') SILTY SAND, fine to medium grained with little to some gravel and trace clay, reddish-brown (5 YR 4/6), homogeneous structure, medium dense, very moist to saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			2.2						
PZ804	20	2 2 3 3	8 9		SP SM			4.0						
PZ805	8	1 1 2 2	10 11 12	(7.5' - 8.0') SAND, medium grained, reddish brown, medium dense, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SP			3.0						

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

Signature: Alan G. Stone

Firm: Northern Environmental Tech Inc.
330 South 4th Avenue Park Falls, WI 54552
Tel: (715)762-1544 Fax: (715)762-3048

Boring Number MW800 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
PZ806	24	0 0 1 1	13 14	(8.0' - 10.0') SILTY SAND, fine to medium grained, with some gravel and trace clay, brown (5 YR 4/6), loose, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation) (10.0' - 12.0') SAND, medium grained with trace coarse sand and trace gravel, loose, saturated, no odor. (SP, Basal Till, Mikana Member, Copper Falls Formation) (12.0' - 14.0') SILTY SAND, fine to medium grained, with trace to some gravel and trace clay, brown (5 YR 4/6), soft, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			1.9						

ate of Wisconsin
partment of Natural Resources

MONITORING WELL CONSTRUCTION
Form 4400-113A 8-89

Facility/Project Name	Grid Location	Well Name
	ft. ☐ N. ☐ S.	PZ-800
cility License, Permit or Monitoring Number	ft. ☐ E. ☐ W.	Wis. Unique Well Number / DNR Well Number
Type of Well: Water Table Observation Well ☐ 11; Piezometer ☒ 12	Section Location: ____ 1/4 of ____ 1/4 of Section ____, T ____ N, R ____ ☐ E ☐ W	Date Well Installed: m m / d d / y y
Distance Well Is From Waste/Source Boundary: ____ ft.	Location of Well Relative to Waste/Source: ☐ Upgradient ☐ Sidegradient ☐ Downgradient ☐ Not Known	Well Installed By: (Person's Name and Firm): Jerry Ethe; Giles Engineering
Well A Point of Enforcement Std. Application? ☐ Yes ☐ No		

A. Protective pipe, top elevation ____ ft. MSL
. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
. Surface seal, bottom ____ ft. MSL or ____ ft.

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

13. Sieve analysis attached? ☐ Yes ☐ No

4. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ ____

5. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

6. Drilling additives used? ☐ Yes ☒ No

Describe ____

7. Source of water (attach analysis):

. Bentonite seal, top ____ ft. MSL or 2.0 ft.
F. Fine sand, top ____ ft. MSL or 29.0 ft.
. Filter pack, top ____ ft. MSL or 30.0 ft.
. Well screen, top ____ ft. MSL or 31.0 ft.
L. Well screen, bottom ____ ft. MSL or 36.0 ft.
Filter pack, bottom ____ ft. MSL or 36.0 ft.
. Borehole, bottom ____ ft. MSL or 36.0 ft.
L. Borehole, diameter 8.2 in.
. O.D. well casing 2.34 in.
N. I.D. well casing 2.0 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04; Other ☐ ____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Expandable cap
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☒ 30; Annular space seal ☐; Other ☐ ____
5. Annular space seal: Granular Bentonite ☐ 33
____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
____ Lbs/gal mud weight ..... Bentonite slurry ☒ 31
____ % Bentonite ..... Bentonite-cement grout ☐ 50
50 GAL ☒ volume added for any of the above
How installed: Tremie ☒ 01; Tremie pumped ☒ 02; Gravity ☐ 08
6. Bentonite seal: Bentonite granules ☐ 33
☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
Bentonite slurry Other ☒ ____
7. Fine sand material: Manufacturer, product name and mesh size: #45-55 Red Flint
Volume added 50 lbs ☒
8. Filter pack material: Manufacturer, product name and mesh size: #30 Red Flint
Volume added 150 lbs ☒
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____
10. Screen material: PVC
Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ ____
Manufacturer: Diedrich
Slot size: 0.10 in.
Slotted length: 5.0 ft.
11. Backfill material (below filter pack): None ☒; Other ☐ ____

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

Signature: Jerry Ethe | Firm: Giles Engineering

ease complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5,000 for each day of violation. In accordance

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Village of Donald		PZ800

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Giles Engineering	6/10/97	6/10/97	4.25 " ID HSA

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet	Feet	8.25" Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of SE 1/4 of Section 17 T 32N N,R 4W
Lat 45° 15' 8"
Long 90° 53' 50"

Local Grid Location (If applicable)
☐ N ☐ E
Feet ☐ S Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
TAYLOR	61	

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
			1	(0.0' - 1.0') TOPSOIL, dark brown, silty, moist. (OL, Loess)	OL									
PZ801	18	2 3 4 6	2 3	(1.0' - 4.0') SILT, with some clay and trace to little fine sand, light brown with some brown and gray mottles, homogeneous structure, medium dense, moist, no odor. (ML, Loess)	ML			2.2						
PZ802	16	5 4 4 5	4 5	(4.0' - 5.5') SANDY SILT, with little clay, sand is fine grained with trace of medium sand, reddish-brown (5YR 4/6), homogeneous structure, firm, moist, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			2.2						
PZ803	14	3 5 10 9	6 7	(5.5' - 7.5') SILTY SAND, fine to medium grained with little to some gravel and trace clay, reddish-brown (5 YR 4/6), homogeneous structure, medium dense, very moist to saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			2.2						
PZ804	20	2 2 3 3	8 9		SP SM			4.0						
PZ805	8	1 1 2 2	10 11 12	(7.5' - 8.0') SAND, medium grained, reddish brown, medium dense, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SP			3.0						

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

Signature: Alan G. Stone

Firm: Northern Environmental Tech Inc.
330 South 4th Avenue Park Falls, WI 54552
Tel: (715)762-1544 Fax: (715)762-3048

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Boring Number PZ800 Use only as an attachment to Form 4400-122.

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	RQD/ Comments
PZ806	24	0 0 1 1	13	(8.0' - 10.0') SILTY SAND, fine to medium grained, with some gravel and trace clay, brown (5 YR 4/6), loose, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			1.9						
PZ807	20	0 1 1 2	14 15	(10.0' - 12.0') SAND, medium grained with trace coarse sand and trace gravel, loose, saturated, no odor. (SP, Basal Till, Mikana Member, Copper Falls Formation)				2.2						
PZ808	24	1 2 2 2	16 17	(12.0' - 32.0') SILTY SAND, fine to medium grained, with trace to some gravel and trace clay, brown (5 YR 4/6), soft, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)				2.2						
PZ809	18	1 2 3 3	18 19	Little instead of trace clay between 14' and 16'.				1.1						
PZ810	14	0 1 2 3	20 21	More clay, stiffer consistency, and slight plasticity between 17' and 20'. Little to some gravel present between 18 and 32 feet. Less clay between 20 and 32 feet.				2.4						
PZ811	12	6 7 7 5	22 23					3.7						
PZ812	16	24 7 6 6	24 25	Few cobbles present in soil matrix between 24' and 32'.				1.7						
PZ813	0	3 3 3 3	26 27											
PZ814	18	1 2 3 3	28 29					0.9						
PZ815	10	2 3 2 3	30 31 32	Thin seam of brown (5 YR 4/4) medium sand at 31 feet.				0.4						

Boring Number PZ800 Use only as an attachment to Form 4400-122. Page 3 of 3

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plastic Limit	Soil Properties: P 200	RQD/ Comments
PZ816	14	1 10 14 9	33	(32.0' - 34.0') SILTY SAND, fine to medium grained, with some gravel, brown (5 YR 4/3), dense, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			0.1						
PZ817	10	1 7 50+	34 35	(34.0' - 37.0') SAND, medium grained, with coarse sand, little to some gravel, and trace silt, brown (5 YR 4/6), dense, saturated, no odor.	SW			0.9						
PZ818	12	4 7 17 11	36 37 38	(37.0' - 38.0') SILTY SAND, fine to medium grained, with some gravel and trace clay, brown (7.5YR 4/4), dense, saturated, no odor. (SM, Basal Till, Mikana Member, Copper Falls Formation)	SM			0.1						

State of Wisconsin
Department of Natural Resources

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

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Donald Store		GP-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm:	02/18/2016 (m m/d d/y y y y)	02/18/2016 (m m/d d/y y y y)	Geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor		Pershing Township (Gilman P.O.)

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	gravel										
				gray silt w/ clay				7		M				
			5					20						
				gray silt w/ clay & sand.						wet				
			10					4						
				red brown clayey silt w/ sand.										
			15					4						
								0						
			20	EOB = 20 ft.										

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

Signature _____ Firm Meridian Environmental Consulting

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.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Donald Store		GP-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm:	02/18/2016 (m m d d y y y y)	02/18/2016 (m m d d y y y y)	Geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat _____ D ' "
Long _____ D ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor		Pershing Township (Gilman P.O.)

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				gravel										
				sandy silt. gray. gas odor				80		M				
			5	dark gray silt w/ sand				30						
			10	sandy silt				10		wet				
			15					0						
				EOB = 16 ft.										
			20											

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Signature _____ Firm Meridian Environmental Consulting

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Donald Store		GP-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm:	02/18/2016 (m m d d y y y y)	02/18/2016 (m m d d y y y y)	Geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N. _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor		Pershing Township (Gilman P.O.)

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log / Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				gravel									
				brown silt w/ clay			0		M				
			5	silty sand			0						
							0		wet				
			10	brown clayey silt w/ sand			0						
				EOB = 12 ft.									
			15										
			20										

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

Signature _____ Firm Meridian Environmental Consulting

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State of Wisconsin
Department of Natural Resources

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

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Donald Store		GP-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm:	02/18/2016 (m m d d y y y y)	02/18/2016 (m m d d y y y y)	Geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat _____ ° ' "
Long _____ ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor	_____	Pershing Township (Gilman P.O.)

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	gravel dark brn. silt				20		m				
			5	brn sandy silt				0						
			10					0		wet				
				EOB = 12 ft										
			15											
			20											

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

Signature _____ Firm Meridian Environmental Consulting

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Donald Store		GP-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm:	02/18/2016 (m m d d y y y y)	02/18/2016 (m m d d y y y y)	Geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor	_ _ _	Pershing Township (Bitman P.O.)

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				gravel										
				brn. silt				0		m				
			5	brn silty sand				0						
				brn silty sand				0		wet				
			10											
				EOB = 12 ft.										
			15											
			20											

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

Signature	Firm
	Meridian Environmental Consulting

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State of Wisconsin
Department of Natural Resources

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

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Donald Store		GP-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm:	02/18/2016 (m m / d d / y y y y)	02/18/2016 (m m / d d / y y y y)	Geoprobe/HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	_____ inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Taylor		Pershing Township (Gilman P.O.)

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	gravel brn. sandy silt				0		m				
			5					0						
			10					0		wet				
			15					0						
				EOB = 16 ft										
			20											

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

Signature _____ Firm Meridian Environmental Consulting

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GP-1

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other: _____

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County

Common Well Name: GP-1 | Gov't Lot # (if applicable)

¼ / ¼ | ¼ | Section | Township N | Range ☐ E ☐ W

Well Location ☐ ft. / ☐ M (Local Grid ☐) Datum

_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____ Zone

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft. / ☐ M Datum

_____ N, _____ ☐ E / ☐ W _____ Zone

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Reason For Abandonment | WI Unique Well No. of Replacement Well: _ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Former Donald Store

Facility ID | License/Permit/Monitoring No.

Street Address of Well: W16623 County Rd M

City, Village or Town: Pershing Township - Taylor Cty.

Present Well Owner | Original Well Owner

Street Address or Route of Present Owner

City: Gilman | State: WI | ZIP Code: 54433

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 2-18-16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.) | Casing Diameter (in.)

Lower Drillhole Diameter (in.) | Casing Depth (ft.)

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

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

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☒ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	20		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Meridian Env. Cslty

Date of Abandonment: 2-18-16

Street or Route: 2711 N. Pico Rd

Telephone Number: (715) 832-6608

City: Fall Creek | State: WI | ZIP Code: 54742

Signature of Person Doing Work

Date Signed: 3-20-16

DNR Use Only
Date Received | Noted By
Comments

GP-2

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) 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: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other: _____

1. General Information

WI Unique Well No. _____ DNR Well ID No. _____ County _____

Common Well Name: GP-2

¼ / ¼ ¼ Section Township N Range ☐ E ☐ W

Well Location ☐ ft / ☒ M (Local Grid ☐) Datum

_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____ Zone

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft / ☐ M Datum

_____ N, _____ ☐ E / ☐ W _____ Zone

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ ☐ S ☐ C ☐ N

Reason For Abandonment _____ WI Unique Well No. of Replacement Well _____

2. Facility / Owner Information

Facility Name: Former Dauld Store

Facility ID _____ License/Permit/Monitoring No. _____

Street Address of Well: W16623 County Rd M

City, Village or Town: Pershing Township - Taylor Cty.

Present Well Owner _____ Original Well Owner _____

Street Address or Route of Present Owner _____

City: Gilman State: WI ZIP Code: 54433

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 2-18-16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.) _____ Casing Diameter (in.) _____

Lower Drillhole Diameter (in.) _____ Casing Depth (ft.) _____

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

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

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☑ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☒ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	16		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Meridian Env. Csltg

Date of Abandonment: 2-18-16

Street or Route: 2711 N. Pilco Rd

Telephone Number: (715) 832-6608

City: Fall Creek State: WI ZIP Code: 54742

Signature of Person Doing Work: _____ Date Signed: 3-20-16

DNR Use Only

Date Received _____ Noted By _____

Comments _____

GP-3

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

1. General Information

WI Unique Well No. _____ DNR Well ID No. _____ County _____

Common Well Name GP-3 Gov't Lot # (if applicable) _____

¼ / ¼ ¼ Section To nship N Range ☐ E ☐ W

Well Location ☐ ft / ☐ M (Local Grid ☐) Datum

_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft / ☐ M Datum

_____ N, _____ ☐ E / ☐ W _____

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Reason For Abandonment _____ WI Unique Well No. of Replacement Well _____

2. Facility / Owner Information

Facility Name Former Donald Store

Facility ID _____ License/Permit/Monitoring No. _____

Street Address of Well W16623 County Rd M

City, Village or Town Pershing Township - Taylor Cty.

Present Well Owner _____ Original Well Owner _____

Street Address or Route of Present Owner _____

City Gilman State WI ZIP Code 54433

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date 2-18-16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.) _____ Casing Diameter (in.) _____

Lower Drillhole Diameter (in.) _____ Casing Depth (ft.) _____

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

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

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☒ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	12		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Meridian Env. Cslty
Date of Abandonment: 2-18-16
Street or Route: 2711 N. Rico Rd
Telephone Number: (715) 832-6608
City: Fall Creek State: WI ZIP Code: 54742
Signature of Person Doing Work:
Date Signed: 3-20-16

DNR Use Only
Date Received _____ Noted By _____
Comments _____

GP-4

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County

Common Well Name: GP-4 | Gov't Lot # (if applicable)

¼ / ¼ | ¼ | Section | Township N | Range ☐ E ☐ W

Well Location ☐ ft / ☒ M (Local Grid ☐) Datum
_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft / ☐ M Datum
_____ N, _____ ☐ E / ☐ W _____
WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Reason For Abandonment | WI Unique Well No. of Replacement Well: _____

2. Facility / Owner Information

Facility Name: Former Dould Store

Facility ID | License/Permit/Monitoring No.

Street Address of Well: W1623 County Rd M

City, Village or Town: Pershing Township - Taylor Cty.

Present Well Owner | Original Well Owner

Street Address or Route of Present Owner

City: Gilman | State: WI | ZIP Code: 54433

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 2-18-16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.) | Casing Diameter (in.)

Lower Drillhole Diameter (in.) | Casing Depth (ft.)

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

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

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☒ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	12		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Meridian Env. Cslty | Date of Abandonment: 2-18-16

Street or Route: 2711 N. Pleo Rd | Telephone Number: (715) 832-6608

City: Fall Creek | State: WI | ZIP Code: 54742

Signature of Person Doing Work | Date Signed: 3-20-16

DNR Use Only

Date Received | Noted By

Comments

GP-5

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

1. General Information

WI Unique Well No. — — — — — | DNR Well ID No. | County

Common Well Name: GP-5 | Gov't Lot # (if applicable)

¼ / ¼ | ¼ | Section | Township N | Range ☐ E ☐ W

Well Location ft / M (Local Grid ☐) Datum
_____ N / S _____ E / W _____
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ Zone S C N

Local Grid Origin ft / M Datum
_____ N, _____ E / W _____
WTM ☐ UTM ☐ Latitude/Longitude ☐ State Plane ☐ Zone S C N

Reason For Abandonment | WI Unique Well No. of Replacement Well: — — — — —

2. Facility / Owner Information

Facility Name: Former Dauld Store

Facility ID | License/Permit/Monitoring No.

Street Address of Well: W16623 County Rd M

City, Village or Town: Pershing Township - Taylor Cty.

Present Well Owner | Original Well Owner

Street Address or Route of Present Owner

City: Gilman | State: WI | ZIP Code: 54433

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 2-18-16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.) | Casing Diameter (in.)

Lower Drillhole Diameter (in.) | Casing Depth (ft.)

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

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

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☒ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	12		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Meridian Env. Cslty
Date of Abandonment: 2-18-16
Street or Route: 2711 N. Rico Rd
Telephone Number: (715) 832-6608
City: Fall Creek | State: WI | ZIP Code: 54742
Signature of Person Doing Work:
Date Signed: 3-20-16

DNR Use Only
Date Received | Noted By
Comments

GP-6

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Well / Drillhole / Borehole Abandonment

Form 3300-005 (R 12/04) Page 1 of 2

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

1. General Information

WI Unique Well No. _____ | DNR Well ID No. | County

Common Well Name: GP-6 | Gov't Lot # (if applicable)

¼ / ¼ | ¼ | Section | Township N | Range ☐ E ☐ W

Well Location ☐ ft / ☒ M (Local Grid ☐) Datum
_____ ☐ N / ☐ S _____ ☐ E / ☐ W _____

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Local Grid Origin ☐ ft / ☐ M Datum
_____ N, _____ ☐ E / ☐ W _____

WTM-☐ UTM-☐ Latitude/Longitude-☐ State Plane-☐ Zone ☐ S ☐ C ☐ N

Reason For Abandonment | WI Unique Well No. of Replacement Well: _____

2. Facility / Owner Information

Facility Name: Former Dauld Store

Facility ID | License/Permit/Monitoring No.

Street Address of Well: W1623 County Rd M

City, Village or Town: Pershing Township - Taylor Cty.

Present Well Owner | Original Well Owner

Street Address or Route of Present Owner

City: Gilman | State: WI | ZIP Code: 54433

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date: 2-18-16

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Groundsurface (ft.) | Casing Diameter (in.)

Lower Drillhole Diameter (in.) | Casing Depth (ft.)

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

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

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☐ N/A
Liner(s) removed?	☐ Yes	☐ No	☐ N/A
Screen removed?	☐ Yes	☐ No	☐ N/A
Casing left in place?	☐ Yes	☐ No	☐ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☐ N/A
Did sealing material rise to surface?	☐ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☒ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	16		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Sealing Work: Meridian Env. Cslty
Date of Abandonment: 2-18-16
Street or Route: 2711 N. Polco Rd
Telephone Number: (715) 832-6608
City: Fall Creek | State: WI | ZIP Code: 54742
Signature of Person Doing Work:
Date Signed: 3-20-16

DNR Use Only
Date Received | Noted By
Comments

APPENDIX D

PRIVATE WELL LOGS

WISCONSIN UNIQUE WELL NUMBER **FN480**

Source: WELL CONSTRUCTION

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth 44 FT

Property Owner: RUTH DIAMUND
Telephone Number: 715 -668 -5459

Mailing Address: W16653 CTH M

City: GILMAN
State: WI
Zip Code: 54433

County of Well Location: 61 TAYLOR
Co Well Permit No: NO W
Well Completion Date: December 12, 1992

Well Constructor: RONALD A KOMAREK SR
License #: 610

Address: W4746 SAARI RD

City: WESTBORO
State: WI
Zip Code: 54490

Hicap Permanent Well #
Common Well #

Facility ID (Public)
Public Well Plan Approval#
Date Of Approval
Specific Capacity: gpm/ft

1. Well Location

T=Town C=City V=Village: T of PERSHING
Fire#

Street Address or Road Name and Number: HWY M

Subdivision Name
Lot#
Block #

Gov't Lot or NE 1/4 of SW 1/4 of
Section 17 T 32 N R 4 W

2. Well Type 2 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well? LA678
DUG WELL-UPGRADE

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

3. Well Serves P # of homes and or (eg: barn, restaurant, church, school, industry, etc.)

M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop B=Drillhole

High Capacity: Well? N
Property? N

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

1. Landfill
25 2. Building Overhang
70 3. 1=Septic 2= Holding Tank
100 4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
138 7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
2525. Other NR 812 Waste Source DUG WELL

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
10.0	surface	20
6.0	20	44

Upper Enlarged Drillhole
Lower Open Bedrock
– 1. Rotary - Mud Circulation
X – 2. Rotary - Air
– 3. Rotary - Air and Foam
– 4. Drill-Through Casing Hammer
– 5. Reverse Rotary
– 6. Cable-tool Bit _ n. dia
– 7. Temp. Outer Casing _ in. dia. ____ depth ft. Removed ?
Other

6. Casing Liner Screen Material, Weight, Specification

Dia. (in.)	Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6.6	OD X280 ASTMA 53B 18.97# TYPE EW WELD JT SAWHILLUSA	surface	40

Dia.(in.)	Screen type, material & slot size	From	To
4.0	15 SLOT SS SCREEN	40	44

7. Grout or Other Sealing Material

Method BACKFILL

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CLAY SLURRY	surface	20.0	

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
	clay & hardpan mix	–	40
	Sand - gravel	40	44

ABANDONED

9. Static Water Level: 14.0 feet B ground surface (A=Above B=Below)

10. Pump Test: Pumping level 35.0 ft. below surface; Pumping at 45.0 GP M 1.0 Hrs

11. Well is: 18 in. A Grade (A=Above B=Below)
Developed? Y
Disinfected? Y
Capped? Y

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? N
If no, explain: IN USE

13. Initials of Well Constructor or Supervisory Driller: RK
Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above)
Date Signed

Additonal Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

Batch 195

WISCONSIN UNIQUE WELL NUMBER **LA678**

Source: WELL CONSTRUCTION

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Depth 556 FT

Property Owner: DIAMOND, RUTH
Telephone Number: 715 -668-5459

Mailing Address: W16653 CTH M

City: GILMAN | State: WI | Zip Code: 54433

County of Well Location: 61 TAYLOR | NO | Co Well Permit No: W | Well Completion Date: August 18, 1997

1. Well Location
T=Town C=City V=Village: T of PERSHING
Fire#:
Street Address or Road Name and Number: HWY M
Subdivision Name | Lot# | Block #

Well Constructor: RONALD A KOMAREK SR | License #: 610 | Facility ID (Public):

Address: W4746 SAARI RD | Public Well Plan Approval#:

City: WESTBORO | State: WI | Zip Code: 54490 | Date Of Approval:

Hicap Permanent Well # | Common Well # | Specific Capacity: gpm/ft

Gov't Lot or NE 1/4 of SW 1/4 of
Section 17 T 32 N R 4 W

2. Well Type 2 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
of previous unique well # FN480 constructed in 0

3. Well Serves # of homes and or HOMES
P (eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop B=Drillhole

High Capacity:
Well? N
Property? N

Reason for replaced or reconstructed Well?
PETRA POLUTION

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

1. Landfill
80 2. Building Overhang
90 3. 1=Septic 2= Holding Tank
100 4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in. diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25 25. Other NR 812 Waste Source MONITOR WELLS

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
8.0	surface	556
6.0	55	385

Upper Enlarged Drillhole / Lower Open Bedrock
X – 1. Rotary - Mud Circulation
– 2. Rotary - Air
– 3. Rotary - Air and Foam
– 4. Drill-Through Casing Hammer
– 5. Reverse Rotary
– 6. Cable-tool Bit _ in. dia
– 7. Temp. Outer Casing _ in. dia. _____ depth ft. Removed ?
Other

6. Casing Liner Screen Material, Weight, Specification

Dia. (in.)	Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6.6	ODX280 ASTMA53B 18 97# TYPE EW WELD JT SAWHILL USA	surface	55

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material
Method PUMPED TREMIE

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
NEAT CEMENT	surface	55.0	18 S

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
PC	HARDPAN CLAY MIX	0	50
Q	GRANITE	50	385

ABANDONED

9. Static Water Level
9.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 350.0 ft. below surface
Pumping at 4.0 GP H 2.0 Hrs

11. Well is: 36 in. A Grade
A=Above B=Below
Developed? Y
Disinfected? Y
Capped? Y

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Y
If no, explain

13. Initials of Well Constructor or Supervisory Driller: RK | Date Signed: 9/14/97

Initials of Drill Rig Operator (Mandatory unless same as above): RKJ | Date Signed: 9/30/97

Additional Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

Batch 502

Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER LB523

State of Wisconsin
Private Water Supply - WS/2
Department of Natural Resources
Box 7921
Madison, WI 53707

(Please type or print using a black pen.)

Property Owner: Ruth Diamond
Telephone Number: (715) ...
Mailing Address: W16653 CTH M
City: Gilman State: WI Zip Code: 54433
County of Well Location: Taylor
Co. Well Permit No. W
Well Completion Date (mm-dd-yy): 11-16-98

Well Constructor (Business Name): Komarek Well Drlg License #: 610
Address: W4146 Saari Rd
City: Westboro State: WI Zip Code: 54490

1. Well Location Please use decimals instead of fractions.
☑ Town ☐ City ☐ Village of Pershing Fire # (If avail.)
Grid or Street Address or Road Name and Number (If avail.): Hwy M
Subdivision Name Lot # Block #
Gov't Lot # ____ or NE 1/4 of SW 1/4 of Section 17, T 32 N; R 4 ☐ E ☑ W

2. Mark well location with a dot in correct 40-acre parcel of section. N W E S

3. Well Type ☐ New ☑ Replacement ☐ Reconstruction
of previous unique well # LA678 constructed in 19 ____
Reason for new, replaced or reconstructed well? contamination
☑ Drilled ☐ Driven Point ☐ Jetted ☐ Other

4. Well serves 1 # of (homes) and or ____ (Ex: barn, restaurant, church, school, industry, etc.)
High Capacity: Well? ☐ Yes ☑ No Property? ☐ Yes ☑ No

5. Well located on highest point of property, consistent with the general layout and surroundings? ☑ Yes ☐ No If no, explain on back side.
Well located in floodplain? ☐ Yes ☑ No
Distance in Feet From Well To Nearest:

___	1. Landfill
60	2. Building Overhang
70	3. Septic or Holding Tank (circle one)
80	4. Sewage Absorption Unit
___	5. Nonconforming Pit
___	6. Buried Home Heating Oil Tank
___	7. Buried Petroleum Tank
___	8. Shoreline/Swimming Pool
___	9. Downspout/Yard Hydrant
___	10. Privy
___	11. Foundation Drain to Clearwater
___	12. Foundation Drain to Sewer
___	13. Building Drain ☐ Cast Iron or Plastic ☐ Other
___	14. Building Sewer ☐ Gravity ☐ Pressure ☐ Cast Iron or Plastic ☐ Other
___	15. Collector or Street Sewer
___	16. Clearwater Sump
___	17. Wastewater Sump
___	18. Paved Animal Barn Pen
___	19. Animal Yard or Shelter
___	20. Silo - Type
___	21. Barn Gutter
___	22. Manure Pipe ☐ Gravity ☐ Pressure ☐ Cast Iron or Plastic ☐ Other
___	23. Other Manure Storage
	Other NR 112 Waste Source
___	24.

6. Drillhole Dimensions

Dia. (in.)	From (ft.)	To (ft.)
16	surface	33
		30'

Method of constructing upper enlarged drillhole only.
☐ 1. Rotary - Mud Circulation
☒ 2. Rotary - Air
☐ 3. Rotary - Foam
☐ 4. Reverse Rotary
☐ 5. Cable-tool Bit ____ in. dia.
☒ 6. Temp. Outer Casing 14 in. dia.
Removed? ☒ Yes ☐ No
If no, explain
☐ 7. Other

9. Geology (DNR USE ONLY)

Type, Caving/Noncaving, Color, Hardness, Etc.	From (ft.)	To (ft.)
hardpan/clay	Surface	14
silty gravel	14	18
clay/gravel mix	18	33

CURRENT IN USE

7. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6.625	ASTM A 53 B 28.58 Sawn. Weld SA	surface	14
8"	S.S. pipe size x 18 slot screen	14	19
8"	gravel packed 1/4 rock	19	33

Dia. (in.)	screen type, material & slot size	From	To
	DNR approved-screen	14	19

8. Grout or Other Sealing Material
Method: backfill

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
bentonite - Granular - med chips	surface	14	[illegible]
bentonite granular - med chip	19	33	

10. Static Water Level
____ ft. above ground surface
15 ft. below ground surface

11. Pump Test
Pumping Level 30 ft. below surface
Pumping at 1 GPM for 4 hours

12. Well Is: 18 in. ☒ Above ☐ Below Grade
Developed? ☒ Yes ☐ No
Disinfected? ☒ Yes ☐ No
Capped? ☒ Yes ☐ No

13. Did you permanently seal all unused, noncomplying, or unsafe wells? ☐ Yes ☒ No If no, explain: in use

14. Signature of Point Driver or Licensed Supervisory Driller [signature] Date Signed 12-28-98
Signature of Drill Rig Operator (Mandatory unless same as above) [signature] Date Signed 12-28-98

Make additional comments on reverse side about geology, additional screens, water quality, etc.

WELL CONSTRUCTION REPORT

WISCONSIN UNIQUE WELL NUMBER **UR078**

Source: WELL CONSTRUCTION

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 02/02)bw

Property Owner: PERSHING, TN OF, ELLIS, ANDIE
Telephone Number: 715-668-5372
Depth 41 FT

Mailing Address: W16219 ELLIS RD

City: GILMAN | State: WI | Zip Code: 54433

County of Well Location: 61 TAYLOR | NO
Co Well Permit No: W
Well Completion Date: July 22, 2008

1. Well Location
T=Town C=City V=Village: T of PERSHING
Fire#:
Street Address or Road Name and Number: HWY M
Subdivision Name | Lot# | Block #

Well Constructor: WILLIAM D BRUNNER | License #: 515 | Facility ID (Public):
Address: BRUNNER WELL DRLG | Public Well Plan Approval#:
City: MEDFORD | State: WI | Zip Code: 54451 | Date Of Approval:
Hicap Permanent Well # | Common Well # | Specific Capacity: 4.9 gpm/ft

Gov't Lot or NE 1/4 of SW 1/4 of
Section 17 T 32 N R 4 W

2. Well Type 2 (See item 12 below)
1=New 2=Replacement 3=Reconstruction
of previous unique well # _____ constructed in _____
Reason for replaced or reconstructed Well?

3. Well Serves: P
of homes and or TOWN HALL
(eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? N Property? N

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain? N
Distance in feet from well to nearest: (including proposed)

1. Landfill
20 2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in . diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
10.0	surface	20
6.0	20	41

Upper Enlarged Drillhole
Lower Open Bedrock
– 1. Rotary - Mud Circulation
X – 2. Rotary - Air
– 3. Rotary - Air and Foam
– 4. Drill-Through Casing Hammer
– 5. Reverse Rotary
– 6. Cable-tool Bit _ in. dia
– 7. Temp. Outer Casing _ in. dia. _____ depth ft. Removed ?
Other

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
_P_	HARDPAN	0	39
_Y_	SAND & GRAVEL	39	41

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia.(in.)		From (ft.)	To (ft.)
6.0	NEW BLK. STEEL T&C 19.45 #/FT. A53B WHEATLAND	surface	41

Dia.(in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
DRILL CUTTINGS	surface	20.0	S

9. Static Water Level
19.0 feet B ground surface
A=Above B=Below

10. Pump Test
Pumping level 28.0 ft. below surface
Pumping at 44.0 GP M 2.0 Hrs

11. Well Is: 30 in. A Grade
A=Above B=Below
Developed? Y
Disinfected? Y
Capped? Y

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Y
If no, explain

13. Initials of Well Constructor or Supervisory Driller: WDB Date Signed: 7/22/08

Initials of Drill Rig Operator (Mandatory unless same as above) Date Signed

Additonal Comments? UR
Owner Sent Label? Y
Variance Issued?
More Geology?

Batch 1128

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Taylor — Town ☒ Village ☐ City ☐ Pershing (Check one and give name)

T32N R4W

2. Location NW 1/4 of NW 1/4 sec 17, T32N R-4W (Name of street and number of premise or Section, Town and Range numbers)

3. Owner ☐ or Agent ☐ Donald school in Gillman school Dist. (Name of individual, partnership or firm)

4. Mail Address Gillman Wis (Complete address required)

5. From well to nearest: Building 4 ft; sewer 40 ft; drain ____ ft; septic tank 60 ft; ____ dry well or filter bed ____ ft; abandoned well 50 ft.

6. Well is intended to supply water for: School

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
9	0	12	5	12	30

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
5	stand steel	0	30

9. GROUT:

Kind	From (ft.)	To (ft.)
Mud	0	12

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	12
Sand & Gravel	12	30

RECEIVED
AUG 27 1957
ENVIRONMENTAL SANITATION

11. MISCELLANEOUS DATA:

Yield test: 2 Hrs. at 6 GPM.

Depth from surface to water-level: 7 ft.

Water-level when pumping: 12 ft.

Water sample was sent to the state laboratory at: Madison (City) on Aug 20 1957

Construction of the well was completed on: Aug 16 1957

The well is terminated 8 inches ☒ above, below ☐ the permanent ground surface.

Was the well disinfected upon completion? Yes X No ____

Was the well sealed watertight upon completion? Yes X No ____

Signature E. F. Moffit (Registered Well Driller) — Sheldon Wis (Complete Mail Address)

Please do not write in space below

Rec'd AUG ... 1957 — No. 28546

Ans'd AUG 22 1957

Interpretation

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.					
48 hrs.					
Confirm					
B. Coli					

Examiner ____

T A 2 4 3 5

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH
See Instructions on Reverse Side

JAN 5 1948

1. County: Talor — Town ☒ Village ☐ City ☐ (Check one and give name): Pershing
2. Location: Donald — SE Sec 17? T32N R4W (Name of street and number of premises or Sec. Tn. and R. numbers)
3. Owner ☒ or Agent ☐: Donald School (Name of individual, partnership or firm)
4. Mail Address: R 2 Gilman (Complete address required)
5. From well to nearest: Building 8 ft; sewer ____ ft; drain ____ ft; septic tank 100 ft; dry well or filter bed ____ ft; abandoned well 50 ft.
6. Well is intended to supply water for: School

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)
6	0	20

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
4	Pipe	0	59½
3½	screen	59½	66

9. GROUT:

Kind	From (ft.)	To (ft.)
Clay	8	20

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	20
sand	20	30
gravel	30	40
Clay	40	50
Gravel	50	65
granite	65	66

11. MISCELLANEOUS DATA:

Yield test: 4 Hrs. at 5 GPM.

Depth from surface to water: 10 ft.

Water-level when pumping: 15 ft.

Water sample sent to laboratory at Madison on Dec 5 1947

Construction of the well was completed on 29 Nov 1947

The well is terminated 6 in above pit inches ☐ above, below ☐ the permanent ground surface.

Was the well disinfected upon completion? Yes X No ____

Was the well sealed watertight upon completion? Yes X No ____

Signature: Leo Bredesen (Registered Well Driller) — Green Wood Wis (Complete Mail Address)

TA2433

APPENDIX E

LABORATORY ANALYTICAL REPORTS

Pace Analytical®
www.pacelabs.com

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

March 02, 2016

Kenneth Shimko
Meridian Environmental Consulting, LLC
2711 North Elco Rd
Fall Creek, WI 54742

RE: Project: DONALD STORE
Pace Project No.: 40128528

Dear Kenneth Shimko:
Enclosed are the analytical results for sample(s) received by the laboratory on February 23, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: DONALD STORE
Pace Project No.: 40128528

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP Certification ID: 460263
Virginia VELAP ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

Pace Analytical®
www.pacelabs.com

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

SAMPLE SUMMARY

Project: DONALD STORE
Pace Project No.: 40128528

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40128528001	1:3-4	Solid	02/18/16 00:00	02/23/16 07:20
40128528002	1:7-8	Solid	02/18/16 00:00	02/23/16 07:20
40128528003	1:10'	Solid	02/18/16 00:00	02/23/16 07:20
40128528004	1:14'	Solid	02/18/16 00:00	02/23/16 07:20
40128528005	1:19-20	Solid	02/18/16 00:00	02/23/16 07:20
40128528006	2: 3-4	Solid	02/18/16 00:00	02/23/16 07:20
40128528007	2: 7-8	Solid	02/18/16 00:00	02/23/16 07:20
40128528008	2: 11-12	Solid	02/18/16 00:00	02/23/16 07:20
40128528009	2: 15-16	Solid	02/18/16 00:00	02/23/16 07:20
40128528010	3: 3-4	Solid	02/18/16 00:00	02/23/16 07:20
40128528011	3: 7-8	Solid	02/18/16 00:00	02/23/16 07:20
40128528012	3: 11-12	Solid	02/18/16 00:00	02/23/16 07:20
40128528013	4: 3-4	Solid	02/18/16 00:00	02/23/16 07:20
40128528014	4: 7-8	Solid	02/18/16 00:00	02/23/16 07:20
40128528015	4: 11-12	Solid	02/18/16 00:00	02/23/16 07:20
40128528016	5: 3-4	Solid	02/18/16 00:00	02/23/16 07:20
40128528017	5: 7-8	Solid	02/18/16 00:00	02/23/16 07:20
40128528018	5: 11-12	Solid	02/18/16 00:00	02/23/16 07:20
40128528019	6: 3-4	Solid	02/18/16 00:00	02/23/16 07:20
40128528020	6: 7-8	Solid	02/18/16 00:00	02/23/16 07:20
40128528021	6: 11-12	Solid	02/18/16 00:00	02/23/16 07:20
40128528022	6: 15-16	Solid	02/18/16 00:00	02/23/16 07:20
40128528023	MW1: 3-4	Solid	02/18/16 00:00	02/23/16 07:20
40128528024	MW1: 7-8	Solid	02/18/16 00:00	02/23/16 07:20
40128528025	MW1: 11-12	Solid	02/18/16 00:00	02/23/16 07:20

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(920)469-2436

SAMPLE ANALYTE COUNT

Project: DONALD STORE
Pace Project No.: 40128528

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40128528001	1:3-4	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528002	1:7-8	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528003	1:10'	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528004	1:14'	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528005	1:19-20	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528006	2: 3-4	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528007	2: 7-8	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528008	2: 11-12	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528009	2: 15-16	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528010	3: 3-4	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528011	3: 7-8	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528012	3: 11-12	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528013	4: 3-4	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528014	4: 7-8	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528015	4: 11-12	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528016	5: 3-4	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528017	5: 7-8	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	BTH	1	PASI-G
40128528018	5: 11-12	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40128528019	6: 3-4	WI MOD GRO	PMS	12	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: DONALD STORE
Pace Project No.: 40128528

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	KTS	1	PASI-G
40128528020	6: 7-8	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40128528021	6: 11-12	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40128528022	6: 15-16	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40128528023	MW1: 3-4	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40128528024	MW1: 7-8	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	KTS	1	PASI-G
40128528025	MW1: 11-12	WI MOD GRO	PMS	12	PASI-G
		ASTM D2974-87	KTS	1	PASI-G

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Green Bay, WI 54302
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PROJECT NARRATIVE

Project: DONALD STORE
Pace Project No.: 40128528

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: Meridian Environmental Consulting, LLC
Date: March 02, 2016

General Information:
25 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

Sample Preparation:
The samples were prepared in accordance with TPH GRO/PVOC WI ext. with any exceptions noted below.

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

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

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

QC Batch: GCV/15740

S7: Surrogate recovery outside control limits (not confirmed by re-analysis).
- 2: 3-4 (Lab ID: 40128528006)
  - a,a,a-Trifluorotoluene (S)

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: GCV/15740

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- 2: 3-4 (Lab ID: 40128528006)
  - a,a,a-Trifluorotoluene (S)

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

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

ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 1:3-4 **Lab ID: 40128528001** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<100**	ug/kg	240	100	4	02/24/16 06:45	02/24/16 16:50	71-43-2	W
Ethylbenzene	**757**	ug/kg	294	123	4	02/24/16 06:45	02/24/16 16:50	100-41-4	
Methyl-tert-butyl ether	**<100**	ug/kg	240	100	4	02/24/16 06:45	02/24/16 16:50	1634-04-4	W
Naphthalene	**1790**	ug/kg	294	123	4	02/24/16 06:45	02/24/16 16:50	91-20-3	
Toluene	**188J**	ug/kg	294	123	4	02/24/16 06:45	02/24/16 16:50	108-88-3	
Total Trimethylbenzenes	**19700**	ug/kg	589	245	4	02/24/16 06:45	02/24/16 16:50		
1,2,4-Trimethylbenzene	**13100**	ug/kg	294	123	4	02/24/16 06:45	02/24/16 16:50	95-63-6	
1,3,5-Trimethylbenzene	**6620**	ug/kg	294	123	4	02/24/16 06:45	02/24/16 16:50	108-67-8	
Xylene (Total)	**5340**	ug/kg	883	368	4	02/24/16 06:45	02/24/16 16:50	1330-20-7	
m&p-Xylene	**3380**	ug/kg	589	245	4	02/24/16 06:45	02/24/16 16:50	179601-23-1	
o-Xylene	**1960**	ug/kg	294	123	4	02/24/16 06:45	02/24/16 16:50	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	106	%	80-120		4	02/24/16 06:45	02/24/16 16:50	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.5**	%	0.10	0.10	1		03/01/16 10:16		

Sample: 1:7-8 **Lab ID: 40128528002** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**185**	ug/kg	66.5	27.7	1	02/24/16 06:45	02/24/16 11:41	71-43-2	
Ethylbenzene	**262**	ug/kg	66.5	27.7	1	02/24/16 06:45	02/24/16 11:41	100-41-4	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 11:41	1634-04-4	W
Naphthalene	**120**	ug/kg	66.5	27.7	1	02/24/16 06:45	02/24/16 11:41	91-20-3	
Toluene	**43.1J**	ug/kg	66.5	27.7	1	02/24/16 06:45	02/24/16 11:41	108-88-3	
Total Trimethylbenzenes	**542**	ug/kg	133	55.4	1	02/24/16 06:45	02/24/16 11:41		
1,2,4-Trimethylbenzene	**406**	ug/kg	66.5	27.7	1	02/24/16 06:45	02/24/16 11:41	95-63-6	
1,3,5-Trimethylbenzene	**136**	ug/kg	66.5	27.7	1	02/24/16 06:45	02/24/16 11:41	108-67-8	
Xylene (Total)	**629**	ug/kg	200	83.1	1	02/24/16 06:45	02/24/16 11:41	1330-20-7	
m&p-Xylene	**464**	ug/kg	133	55.4	1	02/24/16 06:45	02/24/16 11:41	179601-23-1	
o-Xylene	**166**	ug/kg	66.5	27.7	1	02/24/16 06:45	02/24/16 11:41	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1	02/24/16 06:45	02/24/16 11:41	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.8**	%	0.10	0.10	1		03/01/16 10:16		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 1:10' **Lab ID: 40128528003** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**182**	ug/kg	68.4	28.5	1	02/24/16 06:45	02/24/16 12:07	71-43-2	
Ethylbenzene	**383**	ug/kg	68.4	28.5	1	02/24/16 06:45	02/24/16 12:07	100-41-4	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:07	1634-04-4	W
Naphthalene	**158**	ug/kg	68.4	28.5	1	02/24/16 06:45	02/24/16 12:07	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:07	108-88-3	W
Total Trimethylbenzenes	**621**	ug/kg	137	57.0	1	02/24/16 06:45	02/24/16 12:07		
1,2,4-Trimethylbenzene	**466**	ug/kg	68.4	28.5	1	02/24/16 06:45	02/24/16 12:07	95-63-6	
1,3,5-Trimethylbenzene	**155**	ug/kg	68.4	28.5	1	02/24/16 06:45	02/24/16 12:07	108-67-8	
Xylene (Total)	**678**	ug/kg	205	85.5	1	02/24/16 06:45	02/24/16 12:07	1330-20-7	
m&p-Xylene	**522**	ug/kg	137	57.0	1	02/24/16 06:45	02/24/16 12:07	179601-23-1	
o-Xylene	**156**	ug/kg	68.4	28.5	1	02/24/16 06:45	02/24/16 12:07	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	02/24/16 06:45	02/24/16 12:07	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.3**	%	0.10	0.10	1		03/01/16 10:16		

Sample: 1:14' **Lab ID: 40128528004** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:33	71-43-2	W
Ethylbenzene	**76.5**	ug/kg	67.1	28.0	1	02/24/16 06:45	02/24/16 12:33	100-41-4	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:33	1634-04-4	W
Naphthalene	**49.6J**	ug/kg	67.1	28.0	1	02/24/16 06:45	02/24/16 12:33	91-20-3	
Toluene	**81.9**	ug/kg	67.1	28.0	1	02/24/16 06:45	02/24/16 12:33	108-88-3	
Total Trimethylbenzenes	**400**	ug/kg	134	55.9	1	02/24/16 06:45	02/24/16 12:33		
1,2,4-Trimethylbenzene	**295**	ug/kg	67.1	28.0	1	02/24/16 06:45	02/24/16 12:33	95-63-6	
1,3,5-Trimethylbenzene	**104**	ug/kg	67.1	28.0	1	02/24/16 06:45	02/24/16 12:33	108-67-8	
Xylene (Total)	**544**	ug/kg	201	83.9	1	02/24/16 06:45	02/24/16 12:33	1330-20-7	
m&p-Xylene	**396**	ug/kg	134	55.9	1	02/24/16 06:45	02/24/16 12:33	179601-23-1	
o-Xylene	**148**	ug/kg	67.1	28.0	1	02/24/16 06:45	02/24/16 12:33	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	02/24/16 06:45	02/24/16 12:33	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.6**	%	0.10	0.10	1		03/01/16 10:16		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 1:19-20 **Lab ID: 40128528005** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 12:59		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 12:59	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 12:59	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 12:59	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 12:59	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.9**	%	0.10	0.10	1		03/01/16 10:17		

Sample: 2: 3-4 **Lab ID: 40128528006** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**282J**	ug/kg	355	148	5	02/24/16 06:45	02/24/16 17:41	71-43-2	
Ethylbenzene	**2730**	ug/kg	355	148	5	02/24/16 06:45	02/24/16 17:41	100-41-4	
Methyl-tert-butyl ether	**<125**	ug/kg	300	125	5	02/24/16 06:45	02/24/16 17:41	1634-04-4	W
Naphthalene	**4230**	ug/kg	355	148	5	02/24/16 06:45	02/24/16 17:41	91-20-3	
Toluene	**364**	ug/kg	355	148	5	02/24/16 06:45	02/24/16 17:41	108-88-3	
Total Trimethylbenzenes	**23600**	ug/kg	709	296	5	02/24/16 06:45	02/24/16 17:41		
1,2,4-Trimethylbenzene	**11600**	ug/kg	355	148	5	02/24/16 06:45	02/24/16 17:41	95-63-6	
1,3,5-Trimethylbenzene	**12000**	ug/kg	355	148	5	02/24/16 06:45	02/24/16 17:41	108-67-8	
Xylene (Total)	**4230**	ug/kg	1060	443	5	02/24/16 06:45	02/24/16 17:41	1330-20-7	
m&p-Xylene	**2940**	ug/kg	709	296	5	02/24/16 06:45	02/24/16 17:41	179601-23-1	
o-Xylene	**1300**	ug/kg	355	148	5	02/24/16 06:45	02/24/16 17:41	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	123	%	80-120		5	02/24/16 06:45	02/24/16 17:41	98-08-8	D3,S7
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.4**	%	0.10	0.10	1		03/01/16 10:17		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 2: 7-8 **Lab ID: 40128528007** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<500**	ug/kg	1200	500	20	02/24/16 06:45	02/24/16 17:16	71-43-2	W
Ethylbenzene	**30900**	ug/kg	1350	562	20	02/24/16 06:45	02/24/16 17:16	100-41-4	
Methyl-tert-butyl ether	**<500**	ug/kg	1200	500	20	02/24/16 06:45	02/24/16 17:16	1634-04-4	W
Naphthalene	**18800**	ug/kg	1350	562	20	02/24/16 06:45	02/24/16 17:16	91-20-3	
Toluene	**1520**	ug/kg	1350	562	20	02/24/16 06:45	02/24/16 17:16	108-88-3	
Total Trimethylbenzenes	**231000**	ug/kg	2700	1120	20	02/24/16 06:45	02/24/16 17:16		
1,2,4-Trimethylbenzene	**169000**	ug/kg	1350	562	20	02/24/16 06:45	02/24/16 17:16	95-63-6	
1,3,5-Trimethylbenzene	**61300**	ug/kg	1350	562	20	02/24/16 06:45	02/24/16 17:16	108-67-8	
Xylene (Total)	**160000**	ug/kg	4050	1690	20	02/24/16 06:45	02/24/16 17:16	1330-20-7	
m&p-Xylene	**126000**	ug/kg	2700	1120	20	02/24/16 06:45	02/24/16 17:16	179601-23-1	
o-Xylene	**33600**	ug/kg	1350	562	20	02/24/16 06:45	02/24/16 17:16	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	118	%	80-120		20	02/24/16 06:45	02/24/16 17:16	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.0**	%	0.10	0.10	1		03/01/16 10:17		

Sample: 2: 11-12 **Lab ID: 40128528008** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 13:24		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 13:24	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 13:24	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:24	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 13:24	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.1**	%	0.10	0.10	1		03/01/16 11:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 2: 15-16 **Lab ID: 40128528009** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 13:50		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 13:50	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 13:50	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 13:50	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 13:50	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.0**	%	0.10	0.10	1		03/01/16 11:05		

Sample: 3: 3-4 **Lab ID: 40128528010** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 14:16		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 14:16	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 14:16	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:16	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	02/24/16 06:45	02/24/16 14:16	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.8**	%	0.10	0.10	1		03/01/16 11:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 3: 7-8 **Lab ID: 40128528011** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 14:41		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 14:41	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 14:41	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 14:41	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 14:41	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.6**	%	0.10	0.10	1		03/01/16 11:05		

Sample: 3: 11-12 **Lab ID: 40128528012** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 15:07		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 15:07	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 15:07	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:07	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	02/24/16 06:45	02/24/16 15:07	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.5**	%	0.10	0.10	1		03/01/16 11:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 4: 3-4 **Lab ID: 40128528013** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:33	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:33	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:33	1634-04-4	W
Naphthalene	**42.2J**	ug/kg	74.6	31.1	1	02/24/16 06:45	02/24/16 15:33	91-20-3	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:33	108-88-3	W
Total Trimethylbenzenes	**459**	ug/kg	149	62.2	1	02/24/16 06:45	02/24/16 15:33		
1,2,4-Trimethylbenzene	**238**	ug/kg	74.6	31.1	1	02/24/16 06:45	02/24/16 15:33	95-63-6	
1,3,5-Trimethylbenzene	**221**	ug/kg	74.6	31.1	1	02/24/16 06:45	02/24/16 15:33	108-67-8	
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 15:33	1330-20-7	W
m&p-Xylene	**70.7J**	ug/kg	149	62.2	1	02/24/16 06:45	02/24/16 15:33	179601-23-1	
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 15:33	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 15:33	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.6**	%	0.10	0.10	1		03/01/16 11:05		

Sample: 4: 7-8 **Lab ID: 40128528014** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 19:24		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 19:24	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 19:24	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:24	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 19:24	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.8**	%	0.10	0.10	1		03/01/16 11:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 4: 11-12 **Lab ID: 40128528015** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 19:50		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 19:50	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 19:50	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 19:50	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	02/24/16 06:45	02/24/16 19:50	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.8**	%	0.10	0.10	1		03/01/16 11:06		

Sample: 5: 3-4 **Lab ID: 40128528016** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 20:16		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 20:16	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 20:16	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:16	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 20:16	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.0**	%	0.10	0.10	1		03/01/16 11:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 5: 7-8 **Lab ID: 40128528017** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 20:41		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 20:41	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 20:41	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 20:41	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	02/24/16 06:45	02/24/16 20:41	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.6**	%	0.10	0.10	1		03/01/16 11:06		

Sample: 5: 11-12 **Lab ID: 40128528018** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 21:07		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 21:07	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 21:07	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:07	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	02/24/16 06:45	02/24/16 21:07	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.2**	%	0.10	0.10	1		02/25/16 17:02		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 6: 3-4 **Lab ID: 40128528019** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 21:33		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 21:33	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 21:33	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:33	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 21:33	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.1**	%	0.10	0.10	1		02/25/16 17:02		

Sample: 6: 7-8 **Lab ID: 40128528020** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 21:58		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	180	75.0	1	02/24/16 06:45	02/24/16 21:58	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	02/24/16 06:45	02/24/16 21:58	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	02/24/16 06:45	02/24/16 21:58	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/24/16 06:45	02/24/16 21:58	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.1**	%	0.10	0.10	1		02/25/16 17:02		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: 6: 11-12 **Lab ID: 40128528021** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 11:29		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	150	75.0	1	02/29/16 06:20	02/29/16 11:29	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 11:29	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:29	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	02/29/16 06:20	02/29/16 11:29	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**27.5**	%	0.10	0.10	1		02/25/16 17:02		

Sample: 6: 15-16 **Lab ID: 40128528022** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 11:54		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	150	75.0	1	02/29/16 06:20	02/29/16 11:54	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 11:54	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 11:54	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	02/29/16 06:20	02/29/16 11:54	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.0**	%	0.10	0.10	1		02/25/16 17:03		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: MW1: 3-4 **Lab ID: 40128528023** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 12:20		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	150	75.0	1	02/29/16 06:20	02/29/16 12:20	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 12:20	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:20	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1	02/29/16 06:20	02/29/16 12:20	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.6**	%	0.10	0.10	1		02/25/16 17:03		

Sample: MW1: 7-8 **Lab ID: 40128528024** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 12:46		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	150	75.0	1	02/29/16 06:20	02/29/16 12:46	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 12:46	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 12:46	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1	02/29/16 06:20	02/29/16 12:46	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.8**	%	0.10	0.10	1		02/25/16 17:03		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40128528

Sample: MW1: 11-12 **Lab ID: 40128528025** Collected: 02/18/16 00:00 Received: 02/23/16 07:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	91-20-3	W
Toluene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	108-88-3	W
Total Trimethylbenzenes	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 13:12		W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	108-67-8	W
Xylene (Total)	**<75.0**	ug/kg	150	75.0	1	02/29/16 06:20	02/29/16 13:12	1330-20-7	W
m&p-Xylene	**<50.0**	ug/kg	100	50.0	1	02/29/16 06:20	02/29/16 13:12	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	50.0	25.0	1	02/29/16 06:20	02/29/16 13:12	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	02/29/16 06:20	02/29/16 13:12	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.8**	%	0.10	0.10	1		02/25/16 17:03		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DONALD STORE
Pace Project No.: 40128528

QC Batch: GCV/15740 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 40128528001, 40128528002, 40128528003, 40128528004, 40128528005, 40128528006, 40128528007, 40128528008, 40128528009, 40128528010, 40128528011, 40128528012, 40128528013, 40128528014, 40128528015, 40128528016, 40128528017, 40128528018, 40128528019, 40128528020

METHOD BLANK: 1298572 Matrix: Solid
Associated Lab Samples: 40128528001, 40128528002, 40128528003, 40128528004, 40128528005, 40128528006, 40128528007, 40128528008, 40128528009, 40128528010, 40128528011, 40128528012, 40128528013, 40128528014, 40128528015, 40128528016, 40128528017, 40128528018, 40128528019, 40128528020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	02/24/16 09:38	
1,3,5-Trimethylbenzene	ug/kg	<25.0	50.0	02/24/16 09:38	
Benzene	ug/kg	<25.0	50.0	02/24/16 09:38	
Ethylbenzene	ug/kg	<25.0	50.0	02/24/16 09:38	
m&p-Xylene	ug/kg	<50.0	100	02/24/16 09:38	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	02/24/16 09:38	
Naphthalene	ug/kg	<25.0	50.0	02/24/16 09:38	
o-Xylene	ug/kg	<25.0	50.0	02/24/16 09:38	
Toluene	ug/kg	<25.0	50.0	02/24/16 09:38	
Total Trimethylbenzenes	ug/kg	<50.0	100	02/24/16 09:38	
Xylene (Total)	ug/kg	<75.0	150	02/24/16 09:38	
a,a,a-Trifluorotoluene (S)	%	101	80-120	02/24/16 09:38	

LABORATORY CONTROL SAMPLE & LCSD: 1298573 1298574

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1110	1190	111	119	80-120	7	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1080	1150	108	115	80-120	6	20	
Benzene	ug/kg	1000	1040	1100	104	110	80-120	5	20	
Ethylbenzene	ug/kg	1000	1090	1150	109	115	80-120	5	20	
m&p-Xylene	ug/kg	2000	2180	2300	109	115	80-120	5	20	
Methyl-tert-butyl ether	ug/kg	1000	1020	1040	102	104	80-120	2	20	
Naphthalene	ug/kg	1000	1030	1110	103	111	80-120	7	20	
o-Xylene	ug/kg	1000	1090	1160	109	116	80-120	6	20	
Toluene	ug/kg	1000	1080	1130	108	113	80-120	5	20	
Total Trimethylbenzenes	ug/kg	2000	2190	2340	110	117	80-120	6	20	
Xylene (Total)	ug/kg	3000	3270	3450	109	115	80-120	5	20	
a,a,a-Trifluorotoluene (S)	%				103	102	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DONALD STORE
Pace Project No.: 40128528

QC Batch: GCV/15748 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 40128528021, 40128528022, 40128528023, 40128528024, 40128528025

METHOD BLANK: 1299583 Matrix: Solid
Associated Lab Samples: 40128528021, 40128528022, 40128528023, 40128528024, 40128528025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	02/29/16 09:46	
1,3,5-Trimethylbenzene	ug/kg	<25.0	50.0	02/29/16 09:46	
Benzene	ug/kg	<25.0	50.0	02/29/16 09:46	
Ethylbenzene	ug/kg	<25.0	50.0	02/29/16 09:46	
m&p-Xylene	ug/kg	<50.0	100	02/29/16 09:46	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	02/29/16 09:46	
Naphthalene	ug/kg	<25.0	50.0	02/29/16 09:46	
o-Xylene	ug/kg	<25.0	50.0	02/29/16 09:46	
Toluene	ug/kg	<25.0	50.0	02/29/16 09:46	
Total Trimethylbenzenes	ug/kg	<50.0	100	02/29/16 09:46	
Xylene (Total)	ug/kg	<75.0	150	02/29/16 09:46	
a,a,a-Trifluorotoluene (S)	%	102	80-120	02/29/16 09:46	

LABORATORY CONTROL SAMPLE & LCSD: 1299584 1299585

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1020	1040	102	104	80-120	2	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1000	1020	100	102	80-120	2	20	
Benzene	ug/kg	1000	1010	1030	101	103	80-120	1	20	
Ethylbenzene	ug/kg	1000	1020	1040	102	104	80-120	2	20	
m&p-Xylene	ug/kg	2000	2000	2040	100	102	80-120	2	20	
Methyl-tert-butyl ether	ug/kg	1000	979	993	98	99	80-120	1	20	
Naphthalene	ug/kg	1000	937	961	94	96	80-120	3	20	
o-Xylene	ug/kg	1000	1010	1030	101	103	80-120	2	20	
Toluene	ug/kg	1000	1030	1050	103	105	80-120	2	20	
Total Trimethylbenzenes	ug/kg	2000	2020	2060	101	103	80-120	2	20	
Xylene (Total)	ug/kg	3000	3010	3080	100	103	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				103	103	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DONALD STORE
Pace Project No.: 40128528

QC Batch: PMST/12456 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40128528018, 40128528019, 40128528020, 40128528021, 40128528022, 40128528023, 40128528024, 40128528025

SAMPLE DUPLICATE: 1299575

Parameter	Units	40128528018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.2	10.8	4	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DONALD STORE
Pace Project No.: 40128528

QC Batch: PMST/12470 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40128528001, 40128528002, 40128528003, 40128528004, 40128528005, 40128528006, 40128528007

SAMPLE DUPLICATE: 1300794

Parameter	Units	40128528004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.6	10.5	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DONALD STORE
Pace Project No.: 40128528

QC Batch: PMST/12471 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 40128528008, 40128528009, 40128528010, 40128528011, 40128528012, 40128528013, 40128528014, 40128528015, 40128528016, 40128528017

SAMPLE DUPLICATE: 1300850

Parameter	Units	40128774003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.1	9.1	0	10	

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QUALIFIERS

Project: DONALD STORE
Pace Project No.: 40128528

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
S7	Surrogate recovery outside control limits (not confirmed by re-analysis).
W	Non-detect results are reported on a wet weight basis.

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DONALD STORE
Pace Project No.: 40128528

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40128528001	1:3-4	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528002	1:7-8	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528003	1:10'	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528004	1:14'	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528005	1:19-20	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528006	2: 3-4	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528007	2: 7-8	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528008	2: 11-12	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528009	2: 15-16	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528010	3: 3-4	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528011	3: 7-8	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528012	3: 11-12	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528013	4: 3-4	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528014	4: 7-8	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528015	4: 11-12	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528016	5: 3-4	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528017	5: 7-8	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528018	5: 11-12	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528019	6: 3-4	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528020	6: 7-8	TPH GRO/PVOC WI ext.	GCV/15740	WI MOD GRO	GCV/15742
40128528021	6: 11-12	TPH GRO/PVOC WI ext.	GCV/15748	WI MOD GRO	GCV/15750
40128528022	6: 15-16	TPH GRO/PVOC WI ext.	GCV/15748	WI MOD GRO	GCV/15750
40128528023	MW1: 3-4	TPH GRO/PVOC WI ext.	GCV/15748	WI MOD GRO	GCV/15750
40128528024	MW1: 7-8	TPH GRO/PVOC WI ext.	GCV/15748	WI MOD GRO	GCV/15750
40128528025	MW1: 11-12	TPH GRO/PVOC WI ext.	GCV/15748	WI MOD GRO	GCV/15750
40128528001	1:3-4	ASTM D2974-87	PMST/12470		
40128528002	1:7-8	ASTM D2974-87	PMST/12470		
40128528003	1:10'	ASTM D2974-87	PMST/12470		
40128528004	1:14'	ASTM D2974-87	PMST/12470		
40128528005	1:19-20	ASTM D2974-87	PMST/12470		
40128528006	2: 3-4	ASTM D2974-87	PMST/12470		
40128528007	2: 7-8	ASTM D2974-87	PMST/12470		
40128528008	2: 11-12	ASTM D2974-87	PMST/12471		
40128528009	2: 15-16	ASTM D2974-87	PMST/12471		
40128528010	3: 3-4	ASTM D2974-87	PMST/12471		
40128528011	3: 7-8	ASTM D2974-87	PMST/12471		
40128528012	3: 11-12	ASTM D2974-87	PMST/12471		
40128528013	4: 3-4	ASTM D2974-87	PMST/12471		
40128528014	4: 7-8	ASTM D2974-87	PMST/12471		
40128528015	4: 11-12	ASTM D2974-87	PMST/12471		
40128528016	5: 3-4	ASTM D2974-87	PMST/12471		
40128528017	5: 7-8	ASTM D2974-87	PMST/12471		
40128528018	5: 11-12	ASTM D2974-87	PMST/12456		
40128528019	6: 3-4	ASTM D2974-87	PMST/12456		
40128528020	6: 7-8	ASTM D2974-87	PMST/12456		
40128528021	6: 11-12	ASTM D2974-87	PMST/12456		
40128528022	6: 15-16	ASTM D2974-87	PMST/12456		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DONALD STORE
Pace Project No.: 40128528

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40128528023	**MW1: 3-4**	ASTM D2974-87	PMST/12456		
40128528024	**MW1: 7-8**	ASTM D2974-87	PMST/12456		
40128528025	**MW1: 11-12**	ASTM D2974-87	PMST/12456		

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

Page 1 of 2

40128528

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	Meridian Env. Co Llc
Branch/Location:	
Project Contact:	Ken Shimko
Phone:	715-832-6608
Project Number:	
Project Name:	Donald Store
Project State:	WI
Sampled By (Print):	Ken Shimko
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Ken Shimko
Mail To Company:	Meridian Env Co Llc
Mail To Address:	2711 N. Elco Rd Fall Creek WI 54742
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

Matrix Codes

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: 1 pvoc + naph	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	1: 3-4	2/18		S			X	Pg. 1 of 2	1-40zVA 1-40mlVF	
002	7-8									
003	10'									
004	14'									
005	19-20									
006	2: 3-4									
007	7-8									
008	11-12									
009	15-16									
010	3: 3-4									
011	7-8									
012	11-12									

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	See Page Two →	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
40128528

Receipt Temp = R01 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

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C019a(27Jun2006)

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CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	Meridian Env. Co LLC
Branch/Location:	
Project Contact:	Ken Shinka
Phone:	715-832-6608
Project Number:	
Project Name:	Donald Store
Project State:	WI
Sampled By (Print):	Ken Shinka
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Ken Shinka
Mail To Company:	Meridian Env Co LLC
Mail To Address:	2711 N. Elco Rd Fall Creek WI 54742
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: PVOC + Naph	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
013	4: 3-4	2/18		S	X	Page 2 of 2	1-40zpA 1-40mlvF	
014	7-8	↓		↓	↓			
015	11-12	↓		↓	↓			
016	5: 3-4	↓		↓	↓			
017	7-8	↓		↓	↓			
018	11-12	↓		↓	↓			
019	6: 3-4	↓		↓	↓			
020	7-8	↓		↓	↓			
021	11-12	↓		↓	↓			
022	15-16	↓		↓	↓			
023	MW1: 3-4	↓		↓	↓			
024	7-8	↓		↓	↓			
025	11-12	↓		↓	↓			

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	2/22/16 4pm	Dunham	2/23/16 4p
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.: 40128528

Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 6.0 08/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

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Green Bay, WI 54302

Project #: **WO#: 40128528**

40128528

Client Name: meridian

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

Tracking #: 1135311

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

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

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

Thermometer Used N/A **Type of Ice:** Wet Blue Dry None ☒ Samples on Ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr:

Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 2/23/16
Initials: TR

				Comments:
Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☐Yes	☒No	☐N/A	2. no collect time 2/23/16 TR
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No	☐N/A	7.
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☒N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☐Yes	☒No	☐N/A	12. no collect date 2/23/16 TR
-Includes date/time/ID/Analysis Matrix: S				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☐Yes	☒No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☒N/A	14.
Trip Blank Present:	☐Yes	☒No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased):				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 2-23-16

F-GB-C-031-Rev.03 (9April2015) SCUR Form

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March 16, 2016

Kenneth Shimko
Meridian Environmental Consulting, LLC
2711 North Elco Rd
Fall Creek, WI 54742

RE: Project: DONALD STORE
Pace Project No.: 40129262

Dear Kenneth Shimko:
Enclosed are the analytical results for sample(s) received by the laboratory on March 11, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

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

CERTIFICATIONS

Project: DONALD STORE
Pace Project No.: 40129262

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP Certification ID: 460263
Virginia VELAP ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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SAMPLE SUMMARY

Project: DONALD STORE
Pace Project No.: 40129262

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40129262001	D1	Water	03/09/16 00:00	03/11/16 07:45
40129262002	D2	Water	03/09/16 00:00	03/11/16 07:45
40129262003	MW-800	Water	03/09/16 00:00	03/11/16 07:45
40129262004	P-800	Water	03/09/16 00:00	03/11/16 07:45
40129262005	TRIP BLANK	Water	03/09/16 00:00	03/11/16 07:45

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SAMPLE ANALYTE COUNT

Project: DONALD STORE
Pace Project No.: 40129262

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40129262001	D1	WI MOD GRO	PMS	9	PASI-G
40129262002	D2	WI MOD GRO	PMS	9	PASI-G
40129262003	MW-800	WI MOD GRO	PMS	9	PASI-G
40129262004	P-800	WI MOD GRO	PMS	9	PASI-G
40129262005	TRIP BLANK	WI MOD GRO	PMS	9	PASI-G

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PROJECT NARRATIVE

Project: DONALD STORE
Pace Project No.: 40129262

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: Meridian Environmental Consulting, LLC
Date: March 16, 2016

General Information:
5 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

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

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

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

Additional Comments:

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

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40129262

Sample: D1 **Lab ID: 40129262001** Collected: 03/09/16 00:00 Received: 03/11/16 07:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		03/15/16 13:08	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 13:08	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		03/15/16 13:08	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 13:08	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 13:08	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 13:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 13:08	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		03/15/16 13:08	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1		03/15/16 13:08	98-08-8	

Sample: D2 **Lab ID: 40129262002** Collected: 03/09/16 00:00 Received: 03/11/16 07:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**29.6**	ug/L	10.0	4.0	10		03/15/16 16:08	71-43-2	
Ethylbenzene	**202**	ug/L	10.0	3.9	10		03/15/16 16:08	100-41-4	
Methyl-tert-butyl ether	**<4.8**	ug/L	10.0	4.8	10		03/15/16 16:08	1634-04-4	
Naphthalene	**151**	ug/L	10.0	4.2	10		03/15/16 16:08	91-20-3	
Toluene	**7.3J**	ug/L	10.0	3.9	10		03/15/16 16:08	108-88-3	
1,2,4-Trimethylbenzene	**568**	ug/L	10.0	4.2	10		03/15/16 16:08	95-63-6	
1,3,5-Trimethylbenzene	**200**	ug/L	10.0	4.2	10		03/15/16 16:08	108-67-8	
Xylene (Total)	**646**	ug/L	30.0	12.5	10		03/15/16 16:08	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	106	%	80-120		10		03/15/16 16:08	98-08-8	

Sample: MW-800 **Lab ID: 40129262003** Collected: 03/09/16 00:00 Received: 03/11/16 07:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		03/15/16 18:17	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 18:17	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		03/15/16 18:17	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 18:17	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 18:17	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 18:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 18:17	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		03/15/16 18:17	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		03/15/16 18:17	98-08-8	

REPORT OF LABORATORY ANALYSIS

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

Project: DONALD STORE
Pace Project No.: 40129262

Sample: P-800 **Lab ID: 40129262004** Collected: 03/09/16 00:00 Received: 03/11/16 07:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		03/15/16 15:42	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 15:42	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		03/15/16 15:42	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 15:42	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 15:42	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 15:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 15:42	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		03/15/16 15:42	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1		03/15/16 15:42	98-08-8	

Sample: TRIP BLANK **Lab ID: 40129262005** Collected: 03/09/16 00:00 Received: 03/11/16 07:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		03/15/16 18:42	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 18:42	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		03/15/16 18:42	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 18:42	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		03/15/16 18:42	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 18:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/15/16 18:42	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		03/15/16 18:42	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		03/15/16 18:42	98-08-8	

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QUALITY CONTROL DATA

Project: DONALD STORE
Pace Project No.: 40129262

QC Batch: GCV/15810 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40129262001, 40129262002, 40129262003, 40129262004, 40129262005

METHOD BLANK: 1306342 Matrix: Water
Associated Lab Samples: 40129262001, 40129262002, 40129262003, 40129262004, 40129262005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	03/15/16 10:18	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	03/15/16 10:18	
Benzene	ug/L	<0.40	1.0	03/15/16 10:18	
Ethylbenzene	ug/L	<0.39	1.0	03/15/16 10:18	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	03/15/16 10:18	
Naphthalene	ug/L	<0.42	1.0	03/15/16 10:18	
Toluene	ug/L	<0.39	1.0	03/15/16 10:18	
Xylene (Total)	ug/L	<1.2	3.0	03/15/16 10:18	
a,a,a-Trifluorotoluene (S)	%	105	80-120	03/15/16 10:18	

LABORATORY CONTROL SAMPLE & LCSD: 1306343 1306344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.7	20.7	103	103	80-120	0	20	
1,3,5-Trimethylbenzene	ug/L	20	20.5	20.4	102	102	80-120	0	20	
Benzene	ug/L	20	21.8	21.7	109	108	80-120	1	20	
Ethylbenzene	ug/L	20	20.7	20.6	103	103	80-120	0	20	
Methyl-tert-butyl ether	ug/L	20	20.7	20.7	104	103	80-120	0	20	
Naphthalene	ug/L	20	20.7	20.6	104	103	80-120	1	20	
Toluene	ug/L	20	21.3	21.0	107	105	80-120	2	20	
Xylene (Total)	ug/L	60	60.5	59.9	101	100	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				103	104	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1306453 1306454

Parameter	Units	40129262002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	568	200	200	838	840	135	136	29-200	0	20	
1,3,5-Trimethylbenzene	ug/L	200	200	200	455	454	127	127	57-171	0	20	
Benzene	ug/L	29.6	200	200	245	245	108	107	69-150	0	20	
Ethylbenzene	ug/L	202	200	200	403	405	100	102	80-146	1	20	
Methyl-tert-butyl ether	ug/L	<4.8	200	200	204	207	102	103	80-120	1	20	
Naphthalene	ug/L	151	200	200	367	377	108	113	66-137	3	20	
Toluene	ug/L	7.3J	200	200	224	222	108	107	67-156	1	20	
Xylene (Total)	ug/L	646	600	600	1260	1270	102	104	71-162	1	20	
a,a,a-Trifluorotoluene (S)	%						102	104	80-120			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALIFIERS

Project: DONALD STORE
Pace Project No.: 40129262

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DONALD STORE
Pace Project No.: 40129262

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40129262001	D1	WI MOD GRO	GCV/15810		
40129262002	D2	WI MOD GRO	GCV/15810		
40129262003	MW-800	WI MOD GRO	GCV/15810		
40129262004	P-800	WI MOD GRO	GCV/15810		
40129262005	TRIP BLANK	WI MOD GRO	GCV/15810		

(Please Print Clearly)

Company Name:	Meridian Env Cons
Branch/Location:	
Project Contact:	Ken Shimko
Phone:	715-832-6608
Project Number:	
Project Name:	Donald Store
Project State:	WI
Sampled By (Print):	Ken Shimko
Sampled By (Sign):	[signature]
PO #:	
Regulatory Program:	

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CHAIN OF CUSTODY

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

40129262

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

FILTERED? (YES/NO) — Y/N
PRESERVATION (CODE)* — Pick Letter
Analyses Requested: PVOC+Naph

Quote #:	Ken Shimko
Mail To Contact:	Meridian Env Cons
Mail To Company:	
Mail To Address:	2711 N. Falls Rd Fall Creek WI 54742
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	PVOC+Naph	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	D1	3/9		GW	x		3-40ml VB	
002	D2	↓		↓	↓		↓	
003	MW-800	↓		↓	↓		↓	
004	P-800	↓		↓	↓		↓	
005	① Trip Blank						2-40ml VB	

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

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

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

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3/10/16 9a	Dunham	3/10/16 9a
Dunham	3-11-16 0745	[signature] Pace	3-11-16 0745

PACE Project No. 40129262
Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006) ① Trip Blank in shipment Lab added to COC. 3-11-16 SKW

Version 6.0 06/14/06
ORIGINAL

Sample Condition Upon Receipt

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Pace Analytical

Project #: WO#: 40129262

40129262

Client Name: Meridian

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

Tracking #: 1142915

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

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

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

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

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

Temp Blank Present: ☐ yes ☒ no

Person examining contents: Date: 3-11-16 SKW Initials:

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

			Comments:
Chain of Custody Present:	☒Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No ☐N/A	7.
Sufficient Volume:	☒Yes	☐No ☐N/A	8.
Correct Containers Used:	☒Yes	☐No ☐N/A	9.
-Pace Containers Used:	☒Yes	☐No ☐N/A	
-Pace IR Containers Used:	☐Yes	☐No ☒N/A	
Containers Intact:	☒Yes	☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No ☒N/A	11.
Sample Labels match COC:	☐Yes	☒No ☐N/A	12. 003 - FD on sample is MW00. No collect date + time on all Samples. 3-11-16 SKW
-Includes date/time/ID/Analysis Matrix: W			
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No ☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No ☒N/A	
exceptions: VOA coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☒Yes	☐No	Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☒No ☐N/A	14.
Trip Blank Present:	☐Yes	☐No ☐N/A	15. Entire shipment Lab added to COC. 3-11-16 SKW
Trip Blank Custody Seals Present	☒Yes	☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 354	3-11-16 SKW		

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

Person Contacted: Date/Time:

Comments/ Resolution: Original and copy of COC in shipment. 3-11-16 SKW

Project Manager Review: **Date:** 3-11-16

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June 27, 2016

Kenneth Shimko
Meridian Environmental Consulting, LLC
2711 North Elco Rd
Fall Creek, WI 54742

RE: Project: DONALD STORE
Pace Project No.: 40134240

Dear Kenneth Shimko:
Enclosed are the analytical results for sample(s) received by the laboratory on June 23, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
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CERTIFICATIONS

Project: DONALD STORE
Pace Project No.: 40134240

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP Certification ID: 460263
Virginia VELAP ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: DONALD STORE
Pace Project No.: 40134240

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40134240001	D1	Water	06/21/16 00:00	06/23/16 07:30
40134240002	D2	Water	06/21/16 00:00	06/23/16 07:30
40134240003	MW-800	Water	06/21/16 00:00	06/23/16 07:30
40134240004	P-800	Water	06/21/16 00:00	06/23/16 07:30
40134240005	STANGRET	Water	06/21/16 00:00	06/23/16 07:30
40134240006	TRIP BLANK	Water	06/21/16 00:00	06/23/16 07:30

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SAMPLE ANALYTE COUNT

Project: DONALD STORE
Pace Project No.: 40134240

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40134240001	**D1**	WI MOD GRO	PMS	9	PASI-G
40134240002	**D2**	WI MOD GRO	PMS	9	PASI-G
40134240003	**MW-800**	WI MOD GRO	PMS	9	PASI-G
40134240004	**P-800**	WI MOD GRO	PMS	9	PASI-G
40134240005	**STANGRET**	WI MOD GRO	PMS	9	PASI-G
40134240006	**TRIP BLANK**	WI MOD GRO	PMS	9	PASI-G

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PROJECT NARRATIVE

Project: DONALD STORE
Pace Project No.: 40134240

Method: **WI MOD GRO**
Description: WIGRO GCV
Client: Meridian Environmental Consulting, LLC
Date: June 27, 2016

General Information:
6 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

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

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

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

Additional Comments:

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

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ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40134240

Sample: D1 **Lab ID: 40134240001** Collected: 06/21/16 00:00 Received: 06/23/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/25/16 01:43	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 01:43	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/25/16 01:43	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 01:43	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 01:43	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 01:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 01:43	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		06/25/16 01:43	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		06/25/16 01:43	98-08-8	

Sample: D2 **Lab ID: 40134240002** Collected: 06/21/16 00:00 Received: 06/23/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**72.7**	ug/L	10.0	4.0	10		06/25/16 06:00	71-43-2	
Ethylbenzene	**509**	ug/L	10.0	3.9	10		06/25/16 06:00	100-41-4	
Methyl-tert-butyl ether	**<4.8**	ug/L	10.0	4.8	10		06/25/16 06:00	1634-04-4	
Naphthalene	**399**	ug/L	10.0	4.2	10		06/25/16 06:00	91-20-3	
Toluene	**5.4J**	ug/L	10.0	3.9	10		06/25/16 06:00	108-88-3	
1,2,4-Trimethylbenzene	**591**	ug/L	10.0	4.2	10		06/25/16 06:00	95-63-6	
1,3,5-Trimethylbenzene	**304**	ug/L	10.0	4.2	10		06/25/16 06:00	108-67-8	
Xylene (Total)	**697**	ug/L	30.0	12.5	10		06/25/16 06:00	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		10		06/25/16 06:00	98-08-8	

Sample: MW-800 **Lab ID: 40134240003** Collected: 06/21/16 00:00 Received: 06/23/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/25/16 02:09	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 02:09	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/25/16 02:09	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 02:09	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 02:09	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 02:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 02:09	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		06/25/16 02:09	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		06/25/16 02:09	98-08-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: DONALD STORE
Pace Project No.: 40134240

Sample: P-800 **Lab ID: 40134240004** Collected: 06/21/16 00:00 Received: 06/23/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/25/16 02:35	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 02:35	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/25/16 02:35	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 02:35	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 02:35	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 02:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 02:35	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		06/25/16 02:35	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		06/25/16 02:35	98-08-8	

Sample: STANGRET **Lab ID: 40134240005** Collected: 06/21/16 00:00 Received: 06/23/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/25/16 01:18	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 01:18	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/25/16 01:18	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 01:18	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 01:18	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 01:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 01:18	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		06/25/16 01:18	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		06/25/16 01:18	98-08-8	

Sample: TRIP BLANK **Lab ID: 40134240006** Collected: 06/21/16 00:00 Received: 06/23/16 07:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/25/16 04:43	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 04:43	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/25/16 04:43	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 04:43	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/25/16 04:43	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 04:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/25/16 04:43	108-67-8	
Xylene (Total)	**<1.2**	ug/L	3.0	1.2	1		06/25/16 04:43	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1		06/25/16 04:43	98-08-8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DONALD STORE
Pace Project No.: 40134240

QC Batch: GCV/16204 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40134240001, 40134240002, 40134240003, 40134240004, 40134240005, 40134240006

METHOD BLANK: 1354459 Matrix: Water
Associated Lab Samples: 40134240001, 40134240002, 40134240003, 40134240004, 40134240005, 40134240006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	06/24/16 23:35	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	06/24/16 23:35	
Benzene	ug/L	<0.40	1.0	06/24/16 23:35	
Ethylbenzene	ug/L	<0.39	1.0	06/24/16 23:35	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	06/24/16 23:35	
Naphthalene	ug/L	<0.42	1.0	06/24/16 23:35	
Toluene	ug/L	<0.39	1.0	06/24/16 23:35	
Xylene (Total)	ug/L	<1.2	3.0	06/24/16 23:35	
a,a,a-Trifluorotoluene (S)	%	103	80-120	06/24/16 23:35	

LABORATORY CONTROL SAMPLE & LCSD: 1354460 1354461

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.9	19.4	99	97	80-120	3	20	
1,3,5-Trimethylbenzene	ug/L	20	19.4	19.0	97	95	80-120	2	20	
Benzene	ug/L	20	20.7	20.4	104	102	80-120	1	20	
Ethylbenzene	ug/L	20	19.6	19.3	98	97	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	21.9	21.1	109	106	80-120	3	20	
Naphthalene	ug/L	20	20.4	19.9	102	99	80-120	3	20	
Toluene	ug/L	20	20.0	19.7	100	99	80-120	1	20	
Xylene (Total)	ug/L	60	59.2	58.6	99	98	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				103	101	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1354682 1354683

Parameter	Units	40134240002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	591	200	200	830	843	120	126	48-177	2	20	
1,3,5-Trimethylbenzene	ug/L	304	200	200	564	573	130	134	73-145	2	20	
Benzene	ug/L	72.7	200	200	281	285	104	106	74-139	1	20	
Ethylbenzene	ug/L	509	200	200	683	709	87	100	74-140	4	20	
Methyl-tert-butyl ether	ug/L	<4.8	200	200	220	213	110	106	80-120	3	20	
Naphthalene	ug/L	399	200	200	606	591	103	96	73-133	3	20	
Toluene	ug/L	5.4J	200	200	214	219	104	107	80-128	2	20	
Xylene (Total)	ug/L	697	600	600	1290	1330	100	106	69-143	3	20	
a,a,a-Trifluorotoluene (S)	%						101	101	80-120			

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

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QUALIFIERS

Project: DONALD STORE
Pace Project No.: 40134240

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

Pace Analytical®
www.pacelabs.com

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DONALD STORE
Pace Project No.: 40134240

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40134240001	**D1**	WI MOD GRO	GCV/16204		
40134240002	**D2**	WI MOD GRO	GCV/16204		
40134240003	**MW-800**	WI MOD GRO	GCV/16204		
40134240004	**P-800**	WI MOD GRO	GCV/16204		
40134240005	**STANGRET**	WI MOD GRO	GCV/16204		
40134240006	**TRIP BLANK**	WI MOD GRO	GCV/16204		

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

401341240

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

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

(Please Print Clearly)	
Company Name:	Meridian Env. Clt
Branch/Location:	
Project Contact:	Ken Shinko
Phone:	715-832-6608
Project Number:	
Project Name:	Donald Store
Project State:	WI
Sampled By (Print):	Ken Shinko
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Ken Shinko
Mail To Company:	Meridian E.C.
Mail To Address:	2711 N. Flico Rd Fall Creek WI 54742
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested: pVOL + Naph	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	D1	6/21		GW			x		3-40mlVB	
002	D2	"		"			"			
003	MW-800	"		"			"			
004	P-800	"		"			"			
005	Stangret	"		"			"			
006	① Trip blank								2-40mlVB	

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6-22-16 9a	Dunham	6-22-16 9a
Dunham 623160730		mainmckay PACE 623160730	

PACE Project No.
401341240

Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006) ① added to COC per lab. mm623160730

ORIGINAL

Sample Condition Upon Receipt

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

Pace Analytical™

Project # WO#: 40134240

40134240

Client Name: Meridian

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

Tracking #: 1183274

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

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

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

Thermometer Used na

Type of Ice: Wet (Blue) Dry None ☐ Samples on Ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr:

Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 6·23·16
Initials:

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☐Yes	☑No	☐N/A	2. Branch/location project # mm16231b
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☐Yes	☑No	☐N/A	12. 003-ED m800, all samples no collect date: mm16231b
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☑N/A	
exceptions: (VOA) coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14.
Trip Blank Present:	☑Yes	☐No	☐N/A	15.
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): 357				

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

Person Contacted: Date/Time:

Comments/ Resolution: 001 + 002, 1oz of sediment mm16231b

Project Manager Review: [signature] **Date:** 6-23-16