

Meridian Environmental Consulting, LLC

July 20, 2017

Aaron Kent Wisconsin Department of Natural Resources 1300 West Clairemont Avenue Eau Claire, Wisconsin 54701

Subject:

Soil and Ground Water Investigation Report

Julson Store (former) W125 County Road Z Mondovi, Wisconsin

PECFA No. 54755-9999-25 DNR BRRTS No. 03-06-001296

Meridian No. 05F823

Dear Aaron:

This report summarizes Site Investigation work conducted at the above referenced site. Based on the findings of the Site Investigation, we recommend a Remedial Excavation be completed this fall. Additional monitoring wells and ground water sampling will be installed after the excavation is completed. The site will then be monitored to Closure with GIS Registry for Soil and Ground Water.

The remainder of this report documents the site investigation work completed to date. Our recommendations are provided at the end of the report.

BACKGROUND INFORMATION

Site Description and History

The site is a vacant lot approximately 1 acre in size located at the southeast corner of the intersection of County Highway Z and County Highway BB in Dover Township, Buffalo County, Wisconsin (NE1/4, SE1/4, Sec. 2, Range 10 West, Township 23 North)(Figures 1 and 2). It is bordered by Hwy. Z on the north, Hwy. BB on the west, a small stream on the east, and a farm pasture to the south (Figure 3).

The site formerly had a small country store which sold gasoline as well as other products. A small (300 gallon) underground tank which stored gasoline was located at the northeast corner of the building. The age of the tank is unknown. The store was in operation in the mid-1900's (1940's-1970??). It closed in the late 1960's - early 1970's. The building burned down in the 1970's (?). A small building (vacant) remains along the southern property boundary.

Former Julson Store Page 2

There are overhead electric lines along the roadways. Fiber optic cables are buried along the north and western edge of the property in the road right of way of CTH Z and BB.

Underground Storage Tank

The underground storage tank was removed September 20, 1994. The tank inspector report is provided in Appendix A. According to the inspection report, the tank had a hole and petroleum impacts were observed in the soil. The release was reported to the DNR September 20, 1994.

No further environmental work was completed at the site.

Regional Setting

The area is characterized by valleys and ridges typical of Buffalo County. Bedrock in the area is composed of Cambrian sandstones. Farming is the predominant activity in the area including crop farming, cattle, and some dairy.

Local drainage is provided by Elk Creek which flows westerly down Bennett Valley (Figure 1) with eventual discharge into the Buffalo River about 8 miles west of the site.

The former Julson Store property is located along the south side of Bennett Valley (Figure 1). The small creek which forms the eastern boundary of the property flows northerly to Elk Creek.

The Buffalo County Highway Department regraded the northern edge of the property to control surface water runoff during highway improvements several years ago.

Potable Wells

Area residents utilize private wells for their water supply. Well construction forms from nearby wells are provided in Appendix B. The forms indicate area wells are drilled into the sandstone bedrock and utilize the sandstone aquifer for water supply. Typical water levels are 30-40 feet below grade (depending upon topographic elevation).

There is a water supply well located on the property (Figure 3). The well is a 4-inch diameter steel casing about 30 feet deep. The well is completed at grade without a cover. This well is considered Non-Potable at this time. Meridian installed a temporary plug; this well should either be capped or abandoned.

SITE INVESTIGATION

Soil Borings and Soil Sampling

Six soil borings (GP-1 thru GP-6) were installed June 12, 2017 in the locations shown on Figure 4. The borings were installed with a Geoprobe. The soil boring logs are provided in Appendix C.

Soil samples from selected intervals were submitted for laboratory analysis (PVOC + Naphthalene). The laboratory report is provided in Appendix D and the results are summarized in Table 1.

Petroleum impacts were measured in the borings GP-1 and GP-6. The property owner was present onsite during the drilling and helped estimate the approximate location of the former tank. Boring GP-1 appears to be in the former tank location. Building debris (e.g., brick) was encountered in the boring.

The soils are sandy with varying amounts of silt. Some fill material (cement, bricks) was found in the former tank/building area. A layer of organic topsoil (peat) was found about 3 feet below grade in GP-6.

The soil borings did not encounter bedrock but based on area well logs, sandstone bedrock is likely within 20 feet of grade.

Ground water was encountered within 10 feet of grade in all borings.

Ground Water Sampling

Temporary monitoring wells (T-1, T-3, T-4) were installed in GP-1, GP-3, and GP-4. The well construction forms are provided in Appendix C.

Ground water samples were collected from the temporary monitoring wells June 15, 2017. The samples were analyzed for PVOC+Naphthalene. The analytical report is provided in Appendix D and summarized in Table 2.

The temporary well elevations were surveyed June 15, 2017 during the sampling event. The depth to ground water was measured in each temporary well. The measurements and ground water levels are summarized in Table 3.

Free-phase petroleum (3 inches) was measured in T-1 during the June 15, 2017 sampling event.

Evaluation of Site Investigation Data

Hydrogeology

The site is underlain by sandy soils. Figure 5 is a cross-section illustrating the site geology. Ground water was measured about 10 feet below grade. Flow is to the north based on the water level measurements from the temporary wells. The water level measured in T-1 was affected by the 3 inches of free product measured.

Extent of Soil Contamination

The horizontal extent of impacted soil is estimated as shown on Figure 6. The vertical extent of impacted soil is estimated as shown in Figure 5.

Extent of Ground Water Contamination

The downgradient extent of ground water contamination is not defined with the temporary monitoring wells. The lateral extent appears to be limited to the former tank basin area.

A plume of contaminated ground water likely extends to the north beneath CTH Z (Figure 7). More monitoring wells should be installed to determine the lateral and vertical extent of impacted ground water.

CONCLUSIONS

- The site is underlain by sandy soils with varying degrees of silt.
- Ground water is found within 10 feet of grade. Ground water flow appears to be northerly consistent with expectations.
- There is impacted soil in the former tank area. The horizontal extent of the impacted soil
 appears to be limited to the former tank area with some impacts likely extending north
 beneath CTH Z. The impacted soil is found about 5 feet below grade to about 15 feet
 below grade.
- The ground water is impacted with petroleum in the former tank basin. The impacts
 produced free-phase petroleum floating on the water table in T-1. The horizontal and
 vertical extent of contaminated ground water is estimated but should be confirmed with a
 monitoring well network (2-inch monitoring wells in compliance with NR141).

RECOMMENDATIONS

- The impacted soil should be excavated. The excavation is estimated to be as shown in Figure 8 to a depth of about 15 feet (estimated 650 tons). Clean overburden soils should be set aside and used as backfill. The excavated soils will be disposed at the Eau Claire landfill. Up to 8 confirmation samples will be collected from the sidewalls of the excavation (3 ft depth).
- Subsequent to the remedial excavation, a monitoring well network should be installed in compliance with NR141. Figure 9 illustrates the proposed monitoring well network. A piezometer (screened 25 – 30 ft below grade) should be nested with the downgradient (northern) well.
- The wells' elevations and locations will be surveyed relative to each other. A USGS benchmark may exist near the site (see Figure 1). If this benchmark can be located, the monitoring well network will be surveyed relative to this elevation.
- After the monitoring wells are installed, the hydraulic conductivity should be measured with slug tests. We recommend three monitoring wells and one piezometer be tested.
- The monitoring well network and the onsite well should be sampled for PVOC+Naphthalene quarterly for two quarters. The ground water levels will be measured during each sampling event. Additional monitoring wells may be needed based on these results and ground water flow measurements.
- A letter report will be prepared summarizing the work completed and recommending additional work needed to achieve Closure with GIS Registry for Soil and Ground Water.

CHANGE ORDER

A Change Order for the recommended work is included with this report. The U&C Cost Schedule was used to provide an estimate of the costs for the proposed work. The subcontractor costs for the soil excavation will be competitively bid after DNR staff review of the proposed work.

SCHEDULE

The remedial excavation should be completed this fall to allow this site to Close within the remaining time that PECFA will be available.

Sincerely,

MERIDIAN ENVIRONMENTAL CONSULTING, LLC

Kenneth Shimko, PG

Project Manager

CHANGE ORDER

Usual and Customary Standardized Invoice #22 July 2017 - December 2017





PECFA #: 54755-9999-25

BRRT's #: 03-06-001296

Site Name: Julson Store (former)
Site Address: W125 CTH Z, Mondovi

Vendor Name: Change Order

Invoice #: Change Order
Invoice Date: July 2017

Check #: Change Order

U&C Total \$ 59,892.14

Variance to U&C Total \$

Grand Total \$ 59,892.14

TASK DESCRIPTION

SERVICES

ACTIVIT

ACTIVITY REFERENCE CODE DESCRIPTION

UNIT

MAX UNI

UNITS

TOTAL MAX

Abandon 3 temp wells and replace with 5 MWs (15 ft deep) and 1 piezometer (30 ft deep). Survey. Sample two quarters (PVOC+Naph)(5 MW + 1 pz + onsite well x 2 qtrs = 14 samples). Hydraulic conductivity tests (3 MWs and 1 piezometer). Permit from Buffalo County to install wells in ROW. Waste disposal (soil and purge water). Letter Report.

1	GW Sampling		GS05	Sample Collection	Well	\$	72.45	14	1,014.30
1	GW Sampling		GS25	Primary Mob/Demob	Site	S	628.11	2	1,256.22
1	GW Sampling		GS30	Temporary Well Abandonment	Well	S	26.99	3	80.97
4	Waste Disposal	Consultant	WD05	Consultant Coordination (1 - soil, 1 - purge water)	Site	\$	137.13	2	274.26
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	S	42.11	2	84.22
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$	108.15	7	757.05
4	Waste Disposal	Commodity	WD17	Landfill Environmental Fee (provide documentation)	ACTUAL COST			4	100.00
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob (1 - soil, 1-purge water)	Site	\$	287.70	2	575.40
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$	1,039.29	1.3	1,039.29
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	S	110.15	6	660.90
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$	5.40	100	540.00
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR10	26 - 50 ft bgs	Ft	\$	5.67	5	28.35
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$	593.04	1	593.04
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$	16.70	100	1,670.00
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR50	26 - 50 ft bgs	Ft	\$	18.38	5	91.90
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$	3.89	100	389.00
14	Monitoring Well Installation	Consultant	MWI10	26 - 75 ft bgs	Ft	\$	2.73	5	13.65
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$	16.70	105	1,753.50
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$	147.63	6	885.78
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	S	963.38	1	963,38
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$	202.65	6	1,215.90
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	s	203.28	2	406.56
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$	58.59	4	234.36
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$	652.79	1	652.79
20	Soil Boring/Monitoring Well Permits	1	SBMWP05	Soil Boring/Monitoring Well Permit	Permit	5	246.12	1	246.12
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee				

Excavate 650 tons of contaminated so	(clean overburden set aside for backfill).	This task will be competively Bid.
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24	Limited Soil Excavation	Consultant	LSE05	Consultant Oversight for Limited Soil Excavation	Ton	s	4.94	650 \$	3,211.00
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$	831.92	1 \$	831.92
24	Limited Soil Excavation	Commodity	LSE13	Laboratory (see task 24 total on Lab Schedule)	Lab Schedule			8 \$	288.16
24	Limited Soil Excavation	Commodity	LSE15	Limited Soil Excavation	Ton	S	60.00	650 \$	39,000.00
24	Limited Soil Excavation	Commodity	LSE16	Landfill Environmental Fee (provide documentation)	ACTUAL COST	see d	rill cuttings coord	task abov	e)
31	Consultant Overnight Per Diem		COPD05	Overnight (Well Install - 1 overnight, Excavation - 1 overnight	Night	\$	113.72	2 \$	227.44
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule			14 \$	424.90
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$	381.78	1 5	381.78

Variance Variance

Usual and Customary Standardized Invoice #22 July 2017 - December 2017





	BALL	TOTAL LAB CHARGES	S ######		TASK 33	14	1	######	TASK 24	8	\$288.16
MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS		MAX COST	SAMPLES		TOTAL	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	S	44.94		S				
AIR	A2	BETX	SAMPLE	S	49.46		S				
AIR	A3	GRO	SAMPLE	Š	46.10		\$				
AIR	A4	VOC's	SAMPLE	S	71.93		\$				
WATER	W1	GRO/PVOC	SAMPLE	S	29.19		\$				
WATER	W2	PVOC	SAMPLE	S	26.99		\$				
WATER	W3	PVOC + 1,2 DCA	SAMPLE	S	43.79		Š				
WATER	W4	PVOC + Naphthalene	SAMPLE	S	30.35	14		424.90			
WATER	W5	VOC	SAMPLE	S	71.93	3.7	\$	424.30			
WATER	W6	PAH	SAMPLE	S	72.98		\$				
WATER	W7	Lead	SAMPLE	5	12.39		S				
WATER	W8	Cadmium	SAMPLE	\$	13.55		S				
WATER	W9	Hardness	SAMPLE	\$	12.39		\$				
WATER	W10	BOD. Total	SAMPLE	Š	23.63		\$	3			
WATER	W11	Nitrate	SAMPLE	\$	11.24		\$				
WATER	W12	Total Kjeldahl	SAMPLE	S	20.27		\$				
WATER	W13	Ammonia	SAMPLE	S	16.91		S				
WATER	W14	Sulfate	SAMPLE	S	10.19		\$				
WATER	W15	Iron	SAMPLE	S	10.19		S				
WATER	W16	Manganese	SAMPLE	Š	10.19		\$				
WATER	W17	Alkalinity	SAMPLE	S	10.19		\$	-			
WATER	W18	methane	SAMPLE	S	46.10		S				
WATER	W19	Phosphorous	SAMPLE	S	18.06		S				
WATER	W20	VOC Method 524.2	SAMPLE	\$	176.30		Š				
WATER	W21	EDB Method 504	SAMPLE	\$	95.45		Š		MAX COST	SAMPLES	TOTAL
SOILS	SI	GRO	SAMPLE	\$	24.78		\$		\$ 24.78	ONIVII ELO	\$ -
SOILS	S2	DRO	SAMPLE	Š	30.35		Š		\$ 30.35		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	S	28.14		Š		\$ 28.14		s -
SOILS	S4	PVOC	SAMPLE	Š	25.83		Š		\$ 25.83		s -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	š	49.46		S		\$ 49.46		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	S	36.02		S		\$ 36.02	8	
SOILS	S7	VOC	SAMPLE	Š	71.93		Š		\$ 71.93		\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	š	50.61		Š		\$ 50.61		s -
SOILS	S9	PAH	SAMPLE	\$	72.98		S		\$ 72.98		\$ -
SOILS	S10	Lead	SAMPLE	\$	12.39		S		\$ 12.39		\$ -
SOILS	S11	Cadmium	SAMPLE	\$	14.60		\$			SK 24 TOTAL	
SOILS	S12	Free Liquid	SAMPLE	Š	11.24		\$		12	01124 101712	200.10
SOILS	S13	Flash Point	SAMPLE	š	25.83		S				
SOILS	S14	Grain Size - dry	SAMPLE	Š	42.74		\$				
SOILS	S15	Grain Size - wet	SAMPLE	\$	57.33		S				
SOILS	S16	Bulk Density	SAMPLE	\$	13.55		S				
SOILS	S17	Permeability	SAMPLE	\$	41.58		S				
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	Š	20.27		S				
SOILS	S19	Nitrogen as Ammonia	SAMPLE	S	16.91		S				
SOILS	S20	% Organic Matter	SAMPLE	\$	29.19		\$				
SOILS	S21	TOC as NPOC	SAMPLE	\$	57.33		S				
SOILS	S22	Soil Moisture Content	SAMPLE	\$	6.83		\$				
SOILS	S23	Air Filled Porosity	SAMPLE	\$	25.83		\$				
SOILS	S24	% Total Solids	SAMPLE	Š	6.83		\$				
SOILS	S25	Field Capacity	SAMPLE	S	28.14		\$				
SOILS	S26	TCLP Lead	SAMPLE	s	83.16		\$				
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$	26.99		S				
SOILS	S28	TCLP Cadmium	SAMPLE	\$	83.16		\$				
SOILS	S29	TCLP Benzene Viscosity + Density	SAMPLE	\$	83.16		\$				
LNAPL	LFPS01	Interfacial tension I (LNAPL/water [dyne/cm]) Interfacial tension II (LNAPL/air [dyne/cm])	SAMPLE	s	561.33		5	-			
		Interfacial tension III (water/air) [dyne/cm])		_	TA	SK 33 TOTAL	L \$	424.90			



Table 1: Soil Analytical Data

Julson Store (Former) Dover Township/Buffalo County Meridian No. 05F823

Sample	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Total TMB	m&p-Xylene	o-Xylene	Xylene (Total)
NTEDC	1600	8020	63800	5520	818000	219000	182000				260000
RCL-gw	5.1	1570	27	658.2	1107.2			1382			3960
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1: 3-4	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
1: 7-8	1880	58800	1520J	21100	5560	163000	121000	41700	189000	4160	193000
1: 11-12	4620	44700	1850	13200	11600	112000	83100	29300	143000	3500	146000
1: 15-16	<25	36.6	<25	<25	<25	33.2	<25	<50	109	<25	109
2: 3-4	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
2: 7-8	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
2: 11-12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
3: 3-4	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
3: 7-8	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
3: 11-12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
4: 3-4	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
4: 7-8	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
4: 11-12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
5: 3-4	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
5: 7-8	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
5: 11-12	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
6: 3-4	<25	<25	<25	<25	<25	<25	<25	<50	<50	<25	<75
6: 7-8	<500	4990	<500	19400	<500	172000	128000	44200	27800	2830	30600
6:10	<1000	30200	<1000	42300	<1000	376000	282000	93800	145000	7750	153000
6: 11-12	26600	131000	6460	32900	415000	306000	228000	77800	418000	154000	572000

Table 2: Ground Water Analytical Data

Julson Store (Former)
Dover Township/Buffalo County
Meridian No. 05F823

Sample	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-TMB	1,3,5-TMB	Total TMB	Xylene (Total)
Units	ug/l	ug/I	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NR140 ES	5	700	60	100	800			480	2000
NR140 PAL	0.5	140	12	10	160			96	400
T-1 (installed 6/12/17)									
* 6/15/2017	3380	3650	<97	819	4500	3810	1120	4930	12100
T-3 (installed 6/12/17)									
6/15/2017	<.4	1.2	<.48	<.42	<.39	<.42	<.42	<.42	5
T-4 (installed 6/12/17)									
6/15/2017	<.4	<.39	<.48	<.42	<.39	<.42	<.42	<.42	<1.2
Onsite Well (non-potable) (30	feet deep)								
6/15/2017	<.4	<.39	<.48	<.42	<.39	<.42	<.42	<.42	<1.2

100 Concentration exceeds NR140 ES (Enforcement Standard)

^{* 3} inches free product measured in T-1 (June 15, 2017)

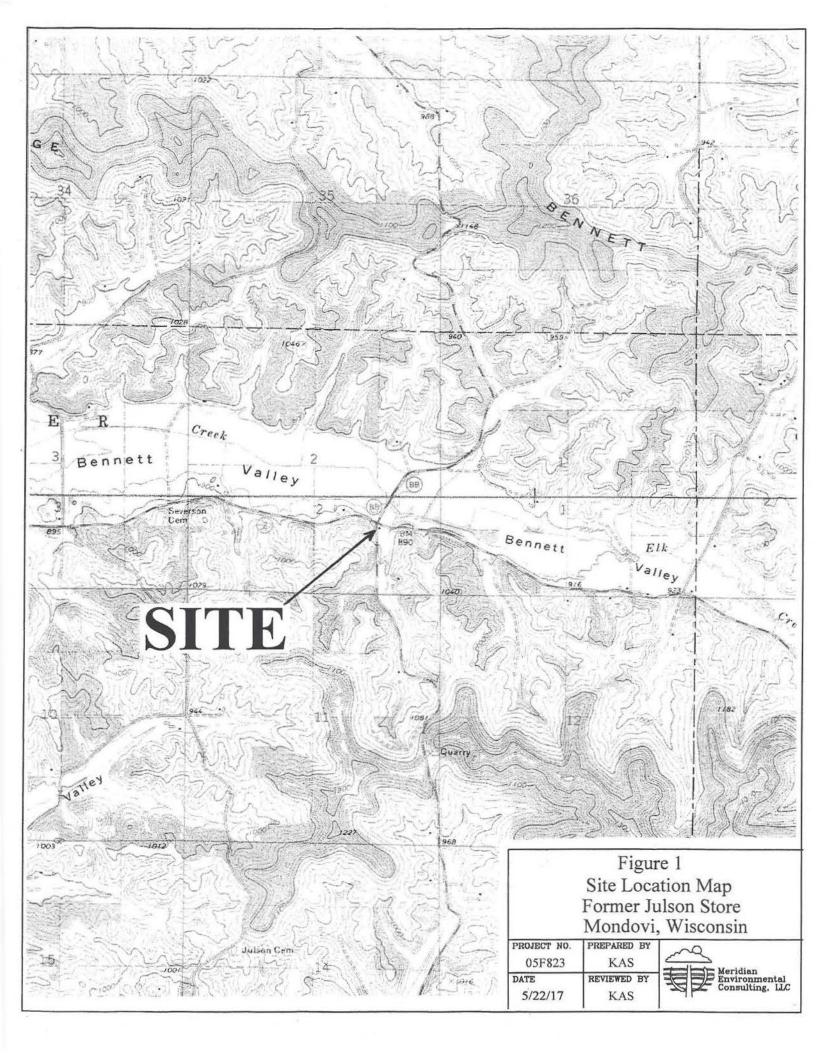
Table 3: Ground Water Levels

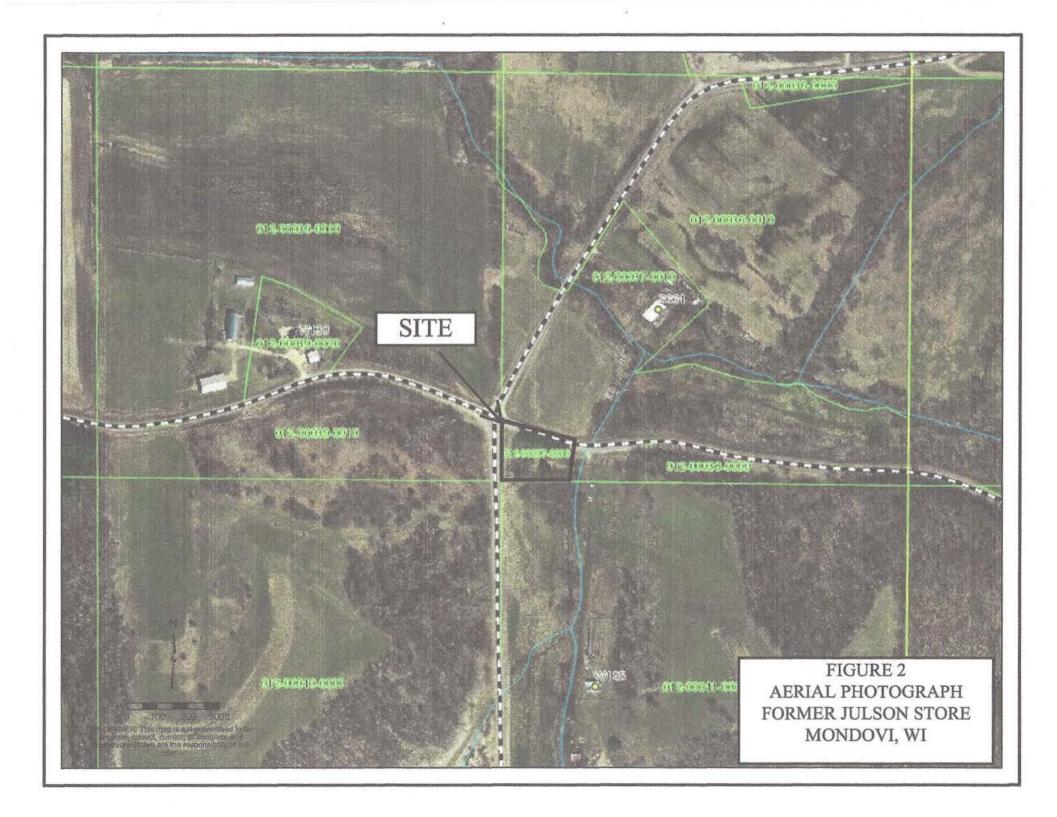
Julson Store (Former) Dover Township/Buffalo County Meridian No. 05F823

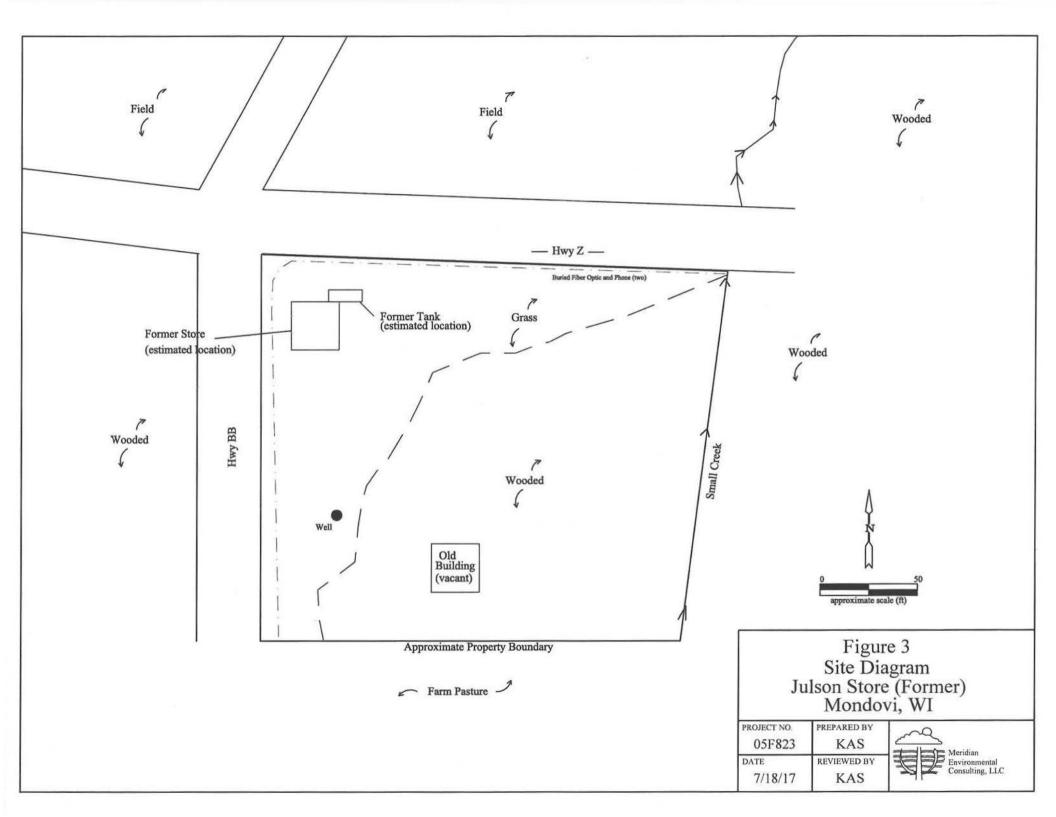
T-1 (installed June	12, 2017	in GP-1)	T-3 (installed June	12, 2017	in GP-3)	T-4 (installed June	12, 2017	in GP-4)
Surface Elevation		98	Surface Elevation		98	Surface Elevation		102
Top of Casing		100	Top of Casing		99.19	Top of Casing		102.9
Top of Screen		93	Top of Screen		92	Top of Screen		96
Bottom of Screen		83	Bottom of Screen		82	Bottom of Screen		86
Measurement Date	DTW (ft	GW Elev. (ft)	Measurement Date	DTW (ft)	GW Elev. (ft)	Measurement Date	DTW (ft)	GW Elev. (ft)
6/15/2017*	8.9	91.1	6/15/2017	7.53	91.66	6/15/2017	10.02	92.88
				ï				

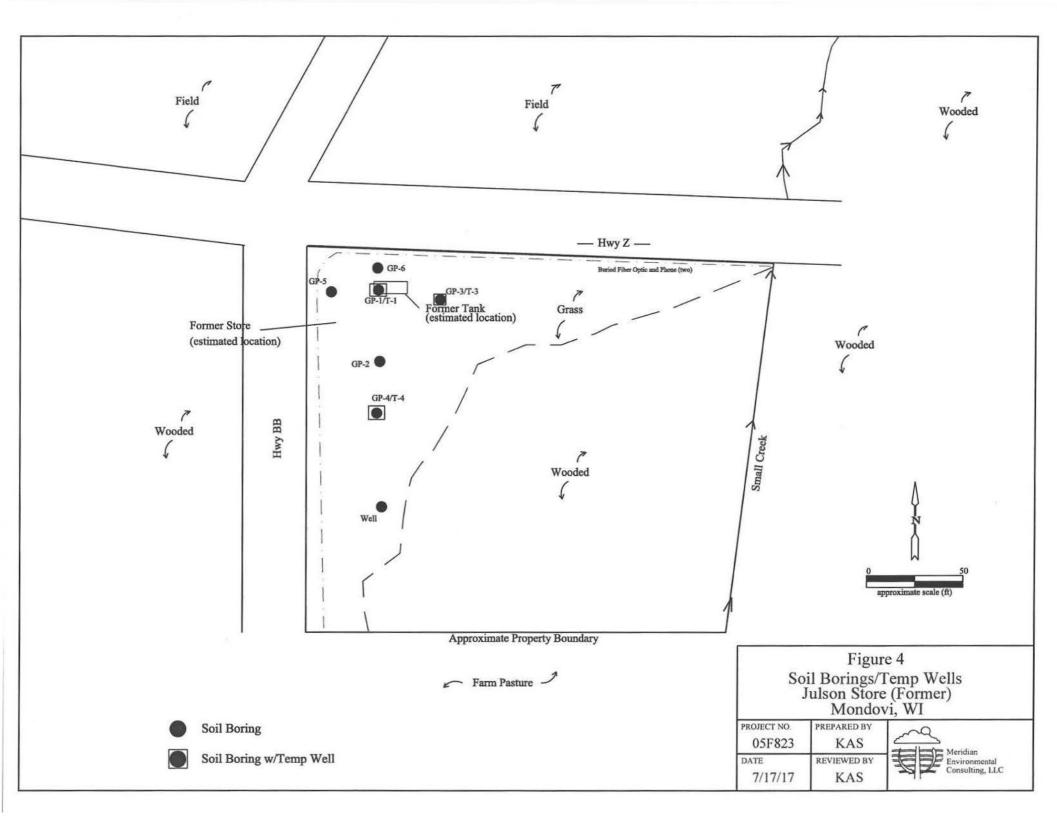
^{*} Measured 3 inches free product

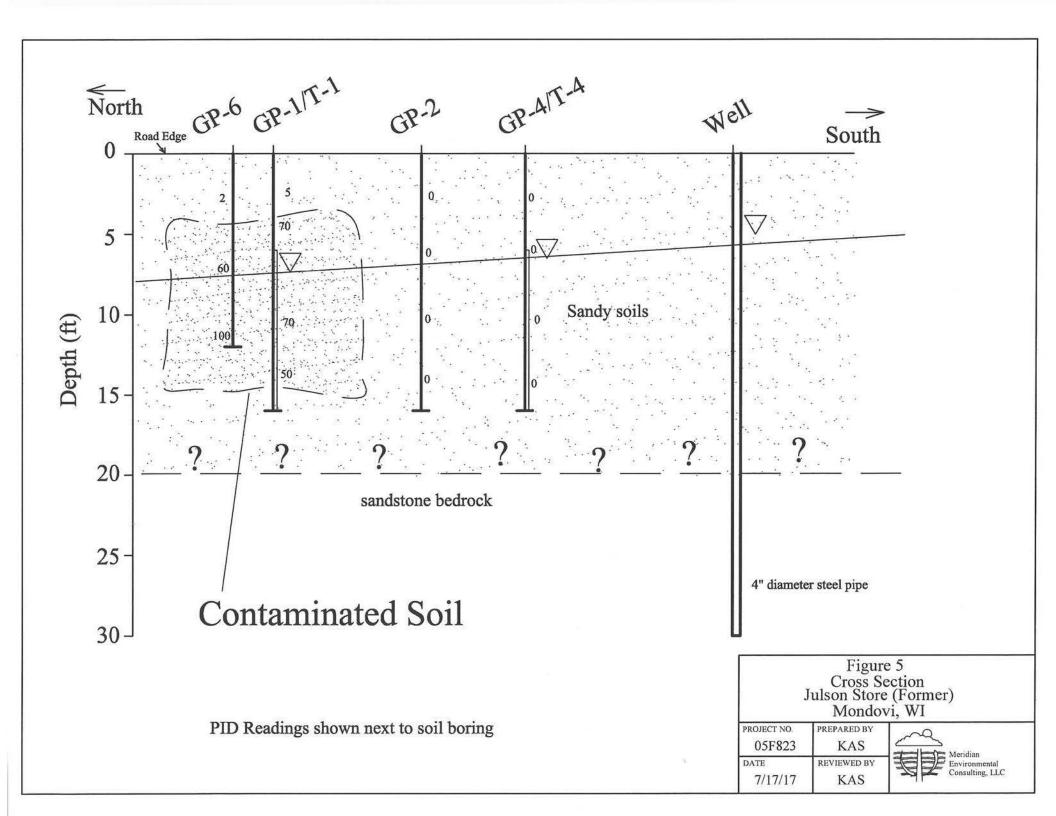
FIGURES

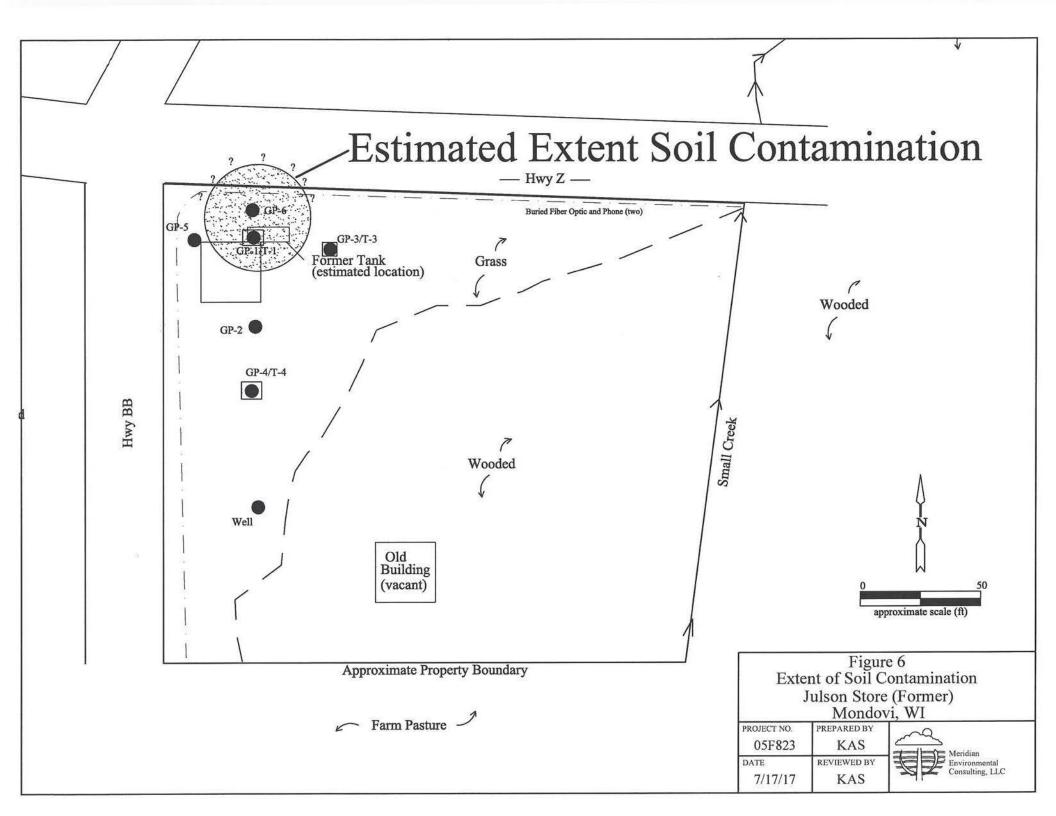


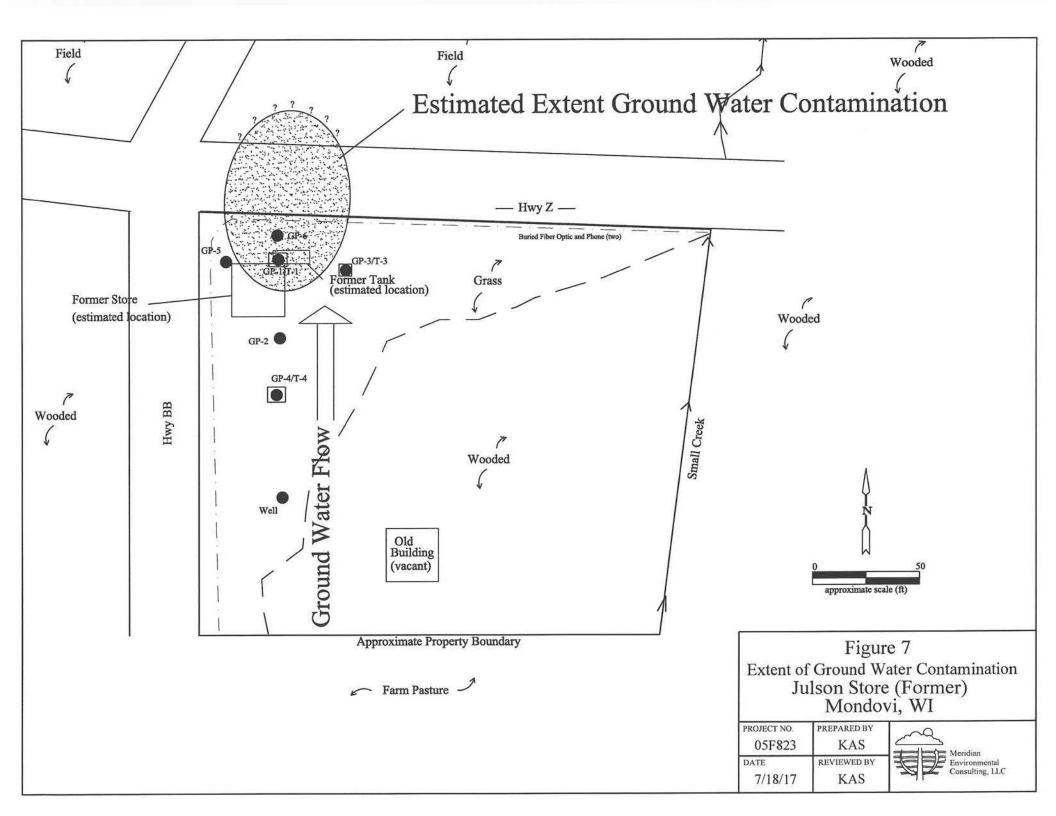


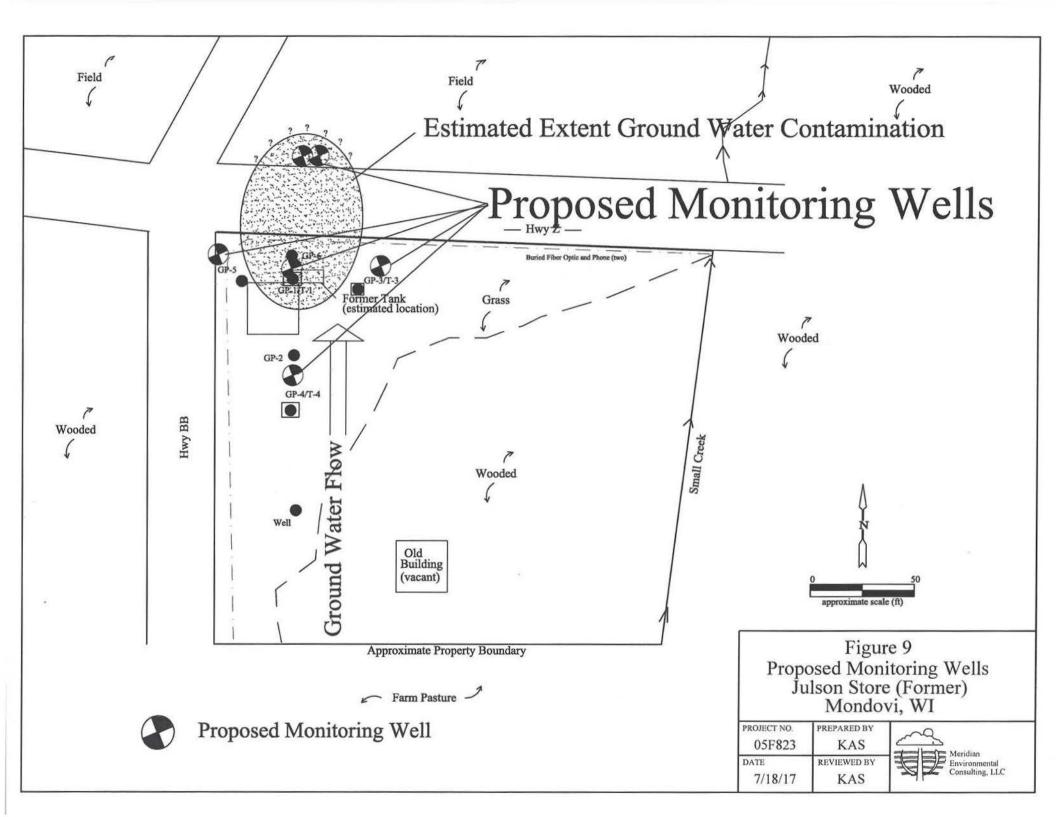












APPENDIX A

Tank Inspector Report

September 20,1994

Western Wisconsin Inspection 919 Fairfax St. Altoona, WI 54720

MEMO TO: DNR Eileen Kramer

1300 W. Clairemont Ave. Eau Claire, WI 54701

RE:

Tank closure contamination

Hwy. BB & Z W 125 Mondovi, WI 54755 Town of Dover Buffalo County

OWNER:

John Marum W 490 Cty. Z

Mondovi, WI 54755

Please be advised that obvious contamination was present at the above location when a 300 gallon gasoline tank was removed. It should be noted that a well is present on this property and a stream is approximately 200 ft. from the tank location.

OBVIOUS CONTAMINATION:

5 1/2 foot---odor and stain present

TANK:

Empty with a 2" x 6" hole in the bottom

300 gallon steel---38" x 5'

Appears to have had a dispenser directly

over the top of the tank (probably years ago)

TANK LOCATION ON PROPERTY:

3 feet from the main building (Northeast corner)

Tank installation was East/West

WELL:

85' South of tank location

STREAM:

200' East of tank location

The property owner was not present when the tank was removed and a site assessment was ommitted because of the hole in the tank and the location of the well/stream.

Sincerely,

Morris Lear

Tank Inspector

Spache	APACHE HOSE & BELTING 3001 4th ST. S.E P.O. Box 14747 MINNEAPOLIS, MINNESOTA 55414 PHONE 612-331-3145 FAX 1-800-328-4149 612-331-6537	Rev. 2-92 Date Time 3
f BB		Wisc Inapports
	Street Street	Received by Your Call Will Call Again Called to See You
	Olda THAKK	They are to
		this a.m
	e well	will send info,
		marum 11 i ank
		x 6" hole in the bottom 138" x 5' had a dispenser directly the tank (probably years ago)
VESTERN WISCONSIN INSPECTION 919 Fairfax Street, Suite 200		main building (Northeast corner) on was East/West
Altoona, Wisconsin 54720		nk location
		nk location



BUCK LEAR

Education
Inspection
UST/AST Inspection
Investigation

919 Fairfax Street Altoona, Wisconsin 54720 Phone: (715) 833-7671 Fax: (715) 833-7634

Visconsin Department of Industry, Labor and Human Relations

UNDERGROUND PETROLFUM PRODUCT

Send Completed Form To: Safety & Buildings Division

For Office Use Only: Tank ID #	TAN	K INVENTORY red By Sec. 102.142, Wi	Ma	D. Box 7969 adison, WI 53707 lephone: (608) 267-528(
Underground tanks in Wisconsin that Please see the reverse side for additio with at least 10 percent of its total voleach tank. Send each completed form this tank by submitting a form?	have stored or currently nal information on this plume (included piping) long to the agency designary MO If yes, are ther government agency prog	vistore petroleum or regorogram. An undergroocated below ground letted in the top right correcting/updatir	gulated substance ound storage tan evel. A separate ner. Have you p ng information o	tes must be registered. sk is defined as any tank form is needed for previously registered
 Abandoned With Product 6. Abandoned No Product (empty) 	one): Closed - Tank Removed Closed - Filled With Inert Material Out of Service - Provide De	(Indicate new owner below)	Where Tank Loca	Providing Fire Coverage ted:
A. IDENTIFICATION: (Please Print)	_ outorserine rionne or		060	20, 2
1. Tank Site Name JOHN + DIANE MARI	Im Site Add	ress , B B + 'Z"		Site Telephone No. (715) 946-3415
City Dover Village	Town of:	State wI	ip Code 54755	But tale
2. Owner Name (mail sent here unless indicat		Owner Mailing Address (ma	ail sent here unless in	
JOHN & DIANE MARUN	∩ Town of:	W490 CTY Z	ip Code	County
MONDOVI		LW!	54755	BUFFALO
3. Alternate Mailing Name If Different Than	#2	Alternate Mailing Street Ac	Idress If Different Fr	om #2
☐ City ☐ Village	☐ Town of:	State Z	ip Code	County
4. Tank Age (date installed, if known: or year	s old) 5. Tank Capacity (gall	lons) 6. Tank Manufactur	er's Name (if known)
5. 🗌 Industrial 6. 🗍 G	ulk Storage overnment ther (specify):	3. Utility 7. School		Mercantile Residential
3.	eel - Fiberglass Reinforced Pla Other: If yes, identify type: tank gauging 2. Vapor	5. Other stic Composite 9. Unki	er (specify): nown Is Tank Doub Spill Contains dwater monitoring	le Walled? ☐ Yes 🔯 No
D. PIPING CONSTRUCTION 1. Bare Steel 2. Cathodically Protecte 4. Fiberglass 5. Other (specify): Piping System Type: 1. Pressurized piping w				9 \ \ Unknown
3. ☐ Suction piping with a	heck valve at pump and inspe	ctable	2. 🖸 30ction pi	ping with check valve at tank
Piping leak detection method: used if pressurize 3. Groundwater monitoring 4.			☐ Interstitial moni ☐ Not Required	toring
	Other:		Double Walled:	Yes No
E. TANK CONTENTS 1. □ Diesel	her emix 	3. Unleaded 7. Empty 11. Waste Oil 14. Kerosene cal or waste.	8. [12. [] Fuel Oil] Sand/Gravel/Slurry] Propane] Aviation
f Tank Closed, Give Date (mo/day/yr):		Has a site assessment been-	completed? (see re-	verse side for details)
Sept 20	0,1994		□ Yes □ No	
f installation of a new tank is being reported, inc. 1. Fire Department 2. DII		tallation inspection: 3. Other (identify)		
Name of Owner or Operator (please print):			Whether:	
John Marum			Owner or	Operator
Signature of Owner or Operator:		Date Sig	ned: / /	
Genell W Blander			9/20/90	4
SRD.7437 IR DS/94) IMPORTANT:	Complete as many item	is on this form as possi	ble. Failure to r	provide sufficient

Wisconsin Department of Industry, Labor and Human Relations

Complete one form for each site closure.

CHECKLIST FOR UNDERGROUND TANK CLOSURE

RETURN COMPLETED CHECKLIST TO: Safety & Buildings Division Fire Prevention & Underground Storage Tank Section P. O. Box 7969, Madison, WI 53707

A. IDENTIFICATION	ON: (Please Print)	Indicate whethe			☐ Tank	Only	Pipin	g Only
JOHN 4	DIANE MA	RIIM	JOHA		UF MA	DILA	`	
Site Street Address (nol P.O. Box)	34	Owner Stree	l Address	- /04/	11/4/		
Huy BB"	+ Z	W/25	W49		· 			
Dover	☐ Village	Y Town of:	City [Village Town	of: Stat	17.0	Zip Code 5475	2
State	Zip Code	County L A	County	Teleph	one No. (inclu		0770 de)	15
WI	54755	Buffa	10 BUFF		51946	6-30	415	
3. Closure Company			osure Company Street A					
Closure Company Tel	IRE EQUI	code) Cid	2620 DAV	le, Zip Code				
1715183	2-2987	E	FAU CLAIR	E.WI S				
 Name of Company 	y Performing Closure Asse	essment As	sessment Company Stre	et Address, City, Sta	te, Zip Code			
Telephone # (includ	e area code) Certified As	sessor Name (Print)	Assessor	Signature		Assess	sor Certifica	tion No.
()	1							
Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents	* Clos	sure Asse	essment
1. '	DQ.			300	02		□·Y □	N
2.	i						OY O	N
3.		. 0					DY D	N
4.							OY O	N
5.							DYD	N
6.							OY O	
* Indicate which produce 11-Waste oil; 13-0	duct by numeric code: Chemical (indicate the	01-Diesel; 02-Lea	ided; 03-Unleaded; 04 or numbers(s)	4-Fuel Oil; 05-Gas	ohol; 06-Oth	er; 09-Ur 14-Keros	known; 10 sene; 15-A	0-Premix; Aviation.
	as provided to the loca						ПИ	ПNА
	e obtained before begi						□N	□ NA
	box at right in resp		ements in Section	s B - E.		emover	Inspecto	-
	Y OUT OF SERVICE r approval of temporar		which		7	erified	Verifie	<u>d</u>
is effective until						Y DN		
Product Remo	oved es drained into tank (o	r other container)	and resulting liquid re	moved AND		Y 🗆 N		
	removed to bottom of					YON		
c. All product	removed to within 1"	of bottom	and upper return lin	or copped		N D Y		
Fili pipe, gaug All product lin	ge pipe, tank truck vap	or recovery mungs mps located elsew	here are removed an	d capped, OR		Y DN		
4. Dispensers/pu	imps left in place but I	ocked and power of	disconnected			IY DN		
Vent lines left	open	rany closure				Y DN		
C. CLOSURE BY		nary closure		***************************************				
	piping drained into tan	k (or other contains	er)			Y DN	×	X
2. Piping disconi	nected from tank and r	emoved			🗵	$[Y \square N$	X	
3. All liquid and	residue removed from	tank using explosi	on proof pumps or ha	ind pumps	· · · · · ·	I N N	Z3 X)	X
All pump moto Fill pines gau	ors and suction hoses	ponded to tank or over the connections, su	otherwise grounded. ubmersible pumps an	d other fixtures re	moved.	YUN		
NOTE: DROP	TUBE SHOULD NOT	BE REMOVED IF	THE TANK IS TO B	E PURGED THRO	UGH		•	
6 Vent lines left	an EDUCTOR. connected until tanks	purged				Y 🗆 N		
7 Tank opening	s temporarily plugged	so vapors exit thro	ugh vent			YUN	XXX	
 Tank atmosph Tank removed 	ere reduced to 10% of from excavation after	r the lower flamma PURGING/INERTI	NG; placed on level of	ground and blocke	d LX	L D W	LEU	
to prevent mo	vement				X	Y D Z	X	
	before being removed	being removed fro	om site	PAGE -		IA D M	文	(ACI
SBD-8951 (R. 12/91)		- 00	JAN TOL OIL HEAT	100				

С	CLOSURE BY REMOVAL (continued) 11. Tank labeled in 2" high letters after removal but before being moved from site. NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE;	Remover Verified	Inspector Verified	NA
	FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE. 12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site. 13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal. 14. Site security is provided while the excavation is open.	Y N N N N N N N N N	XXX	
D	. CLOSURE IN PLACE NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT. 1. Product from piping drained into tank (or other container).			
	 Piping disconnected from tank and removed. All liquid and residue removed from tank using explosion proof pumps or hand pumps. All pump motors and suction hoses bonded to tank or otherwise grounded. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE. 	Y N N N N N N N N N		
	6. Vent lines left connected until tanks purged. 7. Tank openings temporarily plugged so vapors exit through vent. 8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F. 9. Tank properly cleaned to remove all sludge and residue. 10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled. 11. Vent line disconnected or removed. 12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.		000000	
_				
	NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10. 1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site. 2. Do points of obvious contamination exist? 3. Are there strong odors in the soils? 4. Was a field screening instrument used to pre-screen soil sample locations? 5. Was a closure assessment omitted because of obvious contamination? 6. Was the DNR notified of suspected or obvious contamination? Agency, office and person contacted: Skipp Daker 284-142P Eiler 7. Contamination suspected because of: Odor Soil Staining Free Product Sheen On Groundwa	A COW	N N N N Strument T	est
	METHOD OF ACHIEVING 10% LEVEL DESCRIPTION ☐ Educator Or Diffused Air Blower Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig. ☐ Dry Ice ☐ Dry Ice ☐ Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed of area. Dry ice evaporated before proceeding. ☐ Inert Gas (CO/2 or N/2) NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERICENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT ☐ Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank of Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing Tank atmosphere monitored for flammable or combustible vapor levels. ☐ Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before ground.	ver the greate E. THE TAN opposite the videvice groun monitored at	est possible IK MAY NOT vent. ided.	T BE
G.	NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW			
١.	REMOVER/CLEANER INFORMATION			-
	Remover Name (print) Remover Signature Remover Certific	cation No. D	9/20/9 Pate Signed	4
	INSPECTOR INFORMATION			
	06023 715-833-7671	nspector Cert	3 ification No.	_

APPENDIX B Potable Well Logs

WELL CONSTRUCTOR'S REPORT FORM 3300-15

SEP 12 1975

OCT 7 1975

NOTE
WHITE COPY - DIVISION'S COPY
GREEN COPY - DRILLER'S COPY
YELLOW COPY - OWNER'S COPY

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES Box 450 Madison, Wisconsin 53701

1. COUNT	Y 84				HECK ONE				AME		
	Buffa	lo		To.	vn _	Village	Cit	y Do	ver		
2. LOCAT	TON THE			wnship	Range	3. OWN	ER AT TIME	OF DRILL	ING /		
OP Crid	or street no.		treet name	23N	10 W	100	ruin	A. A	weson		
OK - GHO	or street no.	٥	freet name			ADDI	3	BX	237		
AND -If a	vallable subdiv	vision name, le	ot & block no.			POST	OFFICE	i uli			
4. Distant	e in feet fro	m well to ne	earest:	BUILDING SA	NITARY SEWI		DRAIN TILE SEWER		TON DRAIN	WASTE W	
	cord answer in	The second of the second	2000 2000	12 3	39						TIL
C.I.	TER DRAIN	105		SEEPAGE PIT	11	2	130		NDONED WELL	SINK HOLE	
		,		ich as dump, q	uarry, drainag	c well, strear	n, pond, lake,	etc.)			
. Well is i	ntended to s	upply water	r for:	Fa	ugh						
. DRILLI	HOLE					9. FOR	MATIONS				
Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)	-		Kind	1	From (ft.)	To (
8	Surface	55				Sa	cuf			Surface	15
4	55	68				50	It san	estor	و	15	47
CASING Dia. (in.)	, LINER, CL	URBING, A lind and Weig		From (ft.)	To (ft.)	50	Isto	Te		47	68
4	New Bl	Stool.	TAC	Surface	55		1				
	Mar Os	wee.	11.00				/				
						1					
	-			-		1	-				
						/					
GROUT	OR OTHER	SEALING I	MATERIAL			10. TYP	E OF DRIL	LING MA	CHINE USED		
	Kind			From (ft.)	To (ft.) /	Cable		. —	Direct Rotary	Revers	e Rotary
7 -	4- 0	200	000.	Surface	7	_	y – air		Rotary - hammer	_	
	To you	Alles	Clay	0411000	1		ling mud		drilling mud & ai		□Wat
Ce	ment			7	55	Well cons	truction cor	npleted or	9-3	7	19 75
MISCEL Id test:	LANEOUS	DATA 2	Hrs. at	. 18	GPM	Well is ter		12	inches	7 above	inal grad
oth from s	urface to no	rmal water l	level	3	0 ft.	Well disin	fected upon	completio	on	✓ Yes	
oth to wat	er level wher	pumping		3.	5 ft.	Well sealer	d watertight	upon con	npletion	▼ Yes	
er sample	sent to				mak	Dison	. 1	aboratory	on: 9-	10	19 7
r opinion of casing iven on re	joints, meth	other pollut and of finish	ion hazards, ing the well	information , amount of	concerning cement used	difficulties in grouting	encountere g, blasting, s	d, and dat ub-surface	a relating to nea	arby wells, scri ccess pits, etc.	eens, sea , should
NATURE	*E136 31UE.					COMPLETE	MAIL ADD	RESS			
0 -	0 + 1	2 DA	L .		-111-	1	0		a 540	22	
rans	T. A.	much	Regis	stered Well E	do not write	in space by	elow	-, un	, _ , 6	18560	205
IFORM TE 032	ST RESULT	-	GAS	- 24 HRS.		48 HRS.	CONFI	RMED	REMARI		

co BF REV. 3-71

D.	ce: ELE	VIQUE WE CTRON				Y04		State of Wi-Priva Department Of N Madison, WI 53	iatural Resourc	es, Box 7921)2/02)bw
Owner E	BAUER, RICK	& SHARI			Te Ni	elephone 715 = umber	- 563 - 4707	7 1. Well Location		D	epth 45	F
Mailing V	W22 COUNTY	ROAD Z						T of DOVE			Fire#	W22
City	EVA			State	wi Z	ip Code	54738	Street Address or COUNTY ROA		nd Number		
	f Well Location BUFFALO	WC	Co Wel	Permit N	io V	Vell Completion November		Subdivision Nam	e	Lot#	Block	(#
Well Cons					# Facilit	y ID (Public)		Gov't Lot	or	SE 1/4 of	SE	1/4 of
OIUM, K	CELLY WELL	DRILLING INC	D 	8217	Public	Well Plan App	proval#	Section 1	T 23 N	R 10 V	N	
	MISSELL ROA	AD.			rubite	wen Flan App	лочан			10 0	v	
City STRUM				ip Code 54770	Date 0	of Approval		2. Well Type		(See item 12 bel 3=Reconstruction		
Hicap Pern	manent Well #	(Common W	'el] #	Specifi	ic Capacity		of previous uniqu				
			110115		11	gpm/ft		Reason for replace				
Well Ser		omes and or ;; barn, restaura		school, ii	ndustry, e	tc.) High Car	ipacity:	,				
William Darwood	OTM N=NonCom P						? N	1 1=Drilled 2=D	Oriven Point 3=	Jetted 4=Other		
								ing those on neighbo				
stance in fe	ed in floodplain eet from well to	nearest: (inclu	ding propo	sed)		Downspout/ ' D. Privy	Yard Hydrant			Wastewater Sun Paved Animal B	*	
	1. Landfill					Foundation I	Drain to Clear	water		Animal Yard or		
	2. Building O	-	m 1				Drain to Sewer 20. Silo					
45		ic 2= Holdin			13	Building Dra			21.	Barn Gutter		
	 Sewage Ab Nonconform 	S was	IL.		. 17		Iron or Plasti	c 2=Other vity 2=Pressure	22.	Manure Pipe	1=Gravity	2=Pressu
	6. Buried Hor		17 T-1		1-4				2012	1=Cast iro		2=Other
						1	Cast Iron or P	lastic 2=Other	23. (Other manure St		
	7. Buried Petr		ni Tank		15	Collector Sev				Other manure St Ditch	orage	
. 7		oleum Tank		ol			wer units		24. 1			e
8 Orillhole D	7. Buried Petr 8. 2 1=Shore Dimensions and	roleum Tank eline 2= Swin	nming Poo	-	16	. Collector Sev	ump Geology	in . diam.	24. 1 25. (Ditch Other NR 812 W	aste Sourc	m To
8 Drillhole D	7. Buried Petr 8. 2 1=Shore Dimensions and om To	roleum Tank eline 2= Swin Construction Upper Er	nming Poo	llhole	16 Lower	Collector Sev Clearwater St Open Bedrock	werunits	in diam. 8. Type, Caving/N	24. 1 25. (Ditch	aste Sourc	m To
Drillhole D Fro a.(in.) (ft)	7. Buried Petr 8. 2 1=Shore Dimensions and om To (ft)	coleum Tank cline 2= Swin Construction Upper Er - 1. Rotar - 2. Rotar	nming Poor Method plarged Dril y - Mud Ci y - Air	Ilhole rculation	Lower	Collector Sev.	wer units	8. Type, Caving/No	24. 1 25. (Ditch Other NR 812 W	Fro	m To) (ft. 2
Drillhole D Fro a.(in.) (ft)	7. Buried Petr 8. 2 1=Shore Dimensions and om To (ft)	coleum Tank eline 2= Swin Construction Upper Er - 1. Rotar - 2. Rotar - 3. Rotar	nming Poor Method nlarged Dril y - Mud Ci y - Air y - Air and	Ilhole rculation Foam	Lower	Collector Sev.	Geology Codes L T B_U_B	8. Type, Caving/Nor Soil	24. 1 25. (Geology oncaving, Colo	Ditch Other NR 812 W	Fro (ft. 0	m To) (ft. 2 -
Drillhole D Fro a.(in.) (ft)	7. Buried Petr 8. 2 1=Shore Dimensions and om To (ft)	Construction Upper Er - 1. Rotar - 2. Rotar - 3. Rotar - 4. Drill - 5. Reve	nming Pool Method hlarged Dril y - Mud Cr y - Air y - Air and -Through Corse Rotary	Ilhole rculation Foam	Lower	Collector Sev.	Geology Codes L T B_U_B	8. Type, Caving/No	24. 1 25. (Geology oncaving, Colo	Ditch Other NR 812 W	Fro	m To) (ft. 2 -
Drillhole D From a.(in.) (ft)	7. Buried Petr 8. 2 1=Shore Dimensions and om To (ft) ce 5	Construction Upper Er - 1. Rotar - 2. Rotar - 3. Rotar - 4. Drill - 5. Reve - 6. Cable	nming Pool Method hlarged Dril y - Mud Cri y - Air y - Air and -Through Crise Rotarytool Bit_	Ilhole rculation Foam Casing Har	Lower	Collector Sev.	Geology CodesL_T B_U_B THN_T	8. Type, Caving/Nor Soil	24. 1 25. (Geology oncaving, Colo	Ditch Other NR 812 W	Fro (ft. 0	m To) (ft. 2 -
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Drillhole D Fre a.(in.) (ft)	7. Buried Petr 8. 2 1=Shore Dimensions and om To (ft) (ft) ce 5 45	Construction Upper Er - 1. Rotar - 2. Rotar - 3. Rotar - 4. Drill - 5. Reve - 6. Cable - 7. Temp Remo	nming Pool Method nlarged Dril y - Mud Ci y - Air y - Air and -Through Core Rotarytool Bit Outer Cas pved ?	Foam Casing Har in dr	Lower	Collector Sev. Clearwater St Open Bedrock depth ft.	Geology CodesL_T B_U_B THN_T	8. Type, Caving/Nor Soil	24. 1 25. (Geology oncaving, Colo	Ditch Other NR 812 W	Fro (ft. 0	m To) (ft. 2 -
Drillhole D Fro a.(in.) (ft) .0 surface	7. Buried Petr 8. 2 1=Shore Dimensions and om To (ft) ce 5 5 45	Construction Upper Er - 1. Rotar - 2. Rotar - 3. Rotar - 4. Drill - 5. Reve - 6. Cable - 7. Tempe Other	nming Pool Method nlarged Dril y - Mud Ci y - Air y - Air and -Through Corrected Corrected Sit . Outer Case oved?	Foam	Lower	Collector Sev. Clearwater St Open Bedrock depth ft.	Geology CodesL_T B_U_B THN_T	8. Type, Caving/Nor Soil	24. 1 25. (Geology oncaving, Colo	Ditch Other NR 812 W	Fro (ft. 0	m To) (ft. 2 -
Drillhole D Fro a.(in.) (ft)	7. Buried Petr 8. 2 1=Shore Dimensions and om To (ft) ce 5 5 45	Coleum Tank Cline 2= Swin Construction Upper Er - 1. Rotar - 2. Rotar - 3. Rotar - 4. Drill - 5. Reve - 6. Cable - 7. Temp Remo Other terial, Weight, facturer & Metl	nming Pool Method nlarged Dril y - Mud Cr y - Air y - Air and -Through Cr rese Rotary -tool Bit Outer Cas oved? Specification of Asset	Foam	Lower nmer a in. dia.	Collector Sev. Clearwater Si Open Bedrock depth ft.	Geology CodesL_T B_U_B THN_T	8. Type, Caving/Nor Soil	24. 1 25. (Geology oncaving, Colo	Ditch Other NR 812 W	Fro (ft. 0	m To) (ft. 2 -
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Telephone Color	Sour	ce: WEL	IQUE WELL NUM L CONSTRUC	MBER CTION		RE62	100	State of Wi-Private Water Syst Department Of Natural Resour Madison, WI 53707	ces, Box 7921	Form 336 (Rev 02/ epth 95	
State Monoconforming Proposed Specific Capacity Specific C			ENNIS		Num	436-6040	T=Town C=City V=Village			F.1	
Courty of Well Location WC EM Plant	Address	11392 14111 N		T State	I 7in		The state in the state of the s	and Number			
Well Constructors PELIX GLEEN PLBG HTG & WELL DRLG 131 Address ASS RIVERSIDE AVE Cry Susc Zip Code MoNDOUV Well States Cry Susc Zip Code MoNDOUV Well States From Fore Common Well # Oceanment	City LA	KE ELMO			MN Zip	Code	55042	CLAYTON NELSON RD			
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MONDOM HIGH PRIMARY Common Well # Specific Capacity 1.1 gpm/f1 S. Well Serves # of homes and or Personal relationship of the previous problems of the previous problems of the problems of th	Address		16 & WELL DRLG	131	Public V	Vell Plan Appr	roval#	Section 1 T 23 N	R 10 V	V	
First Fernander Well # Common Well # Specific Capacity To		M/I			Date Of	Approval		2. Well Type 1	(See item 12 beld	ow)	
1.1 gpm/ft Greater G			(1)5-13(6)	200000000	Specific	Capacity					
New House Construction Note House Constr	2.5			50.PCE. 45	1	140.2		of previous unique well #	constructe	ed in	43
4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Well located in flooding land in the property and by the property of	ages money all land			ı, school, in	dustry, etc						
Sistance in elect from well to anseste: (including proposed) 1. Landfill 15 2. Building Overhang 10. Privy 18. Paved Animal Barn Pen 19. Animal Yard or Shelter 19. Animal Yard	M=Munic O=	OTM N=NonCom P=	Private Z=Other X=NonPot A	=Anode L=Lo	oop H=Drillho	Property?	? N	1 1=Drilled 2=Driven Point 3	=Jetted 4=Other		
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5. Notary - 4. Drill-Through Casing Hammer - 5. Reverse Rotary - 7. Temp. Outer Casing in dia 7. Temp. Outer Casing in dia 7. Temp. Outer Casing in dia 8. NEW BLK T/C PIPE ASTM A53 G B (LTV STEEL) 19.45LBS Dia.(in.) Screen type, material & slot size Dia.(in.) Screen type, material & slot size From To Without Transplant Casing From To Kind of Sealing Material Method TREMIE PIPE-GROUT PUMP Kind of Sealing Material PORTLAND CEMENT Surface - 30.0 6 S ITHN_ FIRM BROWN SANDSTONE 36 95 THN_ FIRM BROWN SANDSTONE THN_ FIRM BROWN SANDSTONE THO LETAL STATEMENT SANDSTONE THE SECOND SANDSTONE THO LETAL STATEMENT SANDSTONE THO LETAL STATEMENT SANDSTONE THO LETAL STATEMENT SANDSTONE THO LETAL STATEMENT SANDSTONE THE SECOND SA										256	
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Bilin A Grade A=Above B=Below Developed? Y B=Below	# °	STEEL) 19.4	5LBS	6				The second secon			
Bilin A Grade A=Above B=Below Developed? Y B=Below							1	vers must an expense of the second			
Bilin A Grade A=Above B=Below Developed? Y B=Below	1			*							~
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12/12/03				sur	face - 3	0.0 6 S	10		GNP	12/1	
	-	***********				8	Initials of Dr	ill Rig Operator (Mandatory unle	ss same as above	5.0000000000000000000000000000000000000	
	dditonal Cor	mments?	Variance Issued?			استا	10	/=1 I	Batch	893	

WISCON Source:	VSIN UNIQUE WEL WELL CONST		and the second seco	TW3	82	State of Wi-Private Water Sys Department Of Natural Resour Madison, WI 53707		Form 3300- (Rev 02/02)	
Property BRA	DSHAW, GUY		Telep Numb	hone 212 -	925 – 1379	1. Well Location	De	epth 160	F
Mailing 825			1,44111	JCI		T=Town C=City V=Village T of DOVER		Fire#	
Address City BURLIN	IGTON	State	WI Zip (Code	53105	Street Address or Road Name CO RD BB CLAYTON NEL			
County of Wel		Co Well Permit N		Completion		Subdivision Name	Lot#	Block #	
	FALO	W		January 1					_
Well Construct PELKE GLE	tor N PLBG HTG & WELL D	License RLG 131	# Facility I	D (Public)		Gov't Lot or	NE 1/4 of	NE 1/4	of
Address 835 RIVERSI	IDE AVE	-	Public W	ell Plan Appr	roval#	Section 1 T 23	R 10 W	1	
City	ADDITION STATES	tate Zip Code	Date Of A	Approval		2. Well Type 1	(See item 12 belo	ow)	
MONDOVI		M 54755 mmon Well #	Specific	Samuela.		1=New 2=Replacement	3=Reconstruction		
Troup I ominine		minor wen #	Specific C	gpm/ft		of previous unique well #	constructe	d in	
Well Serves	# of homes and or			High Cap	pacity:	Reason for replaced or reconstr			
Р	(eg: barn, restauran			n	N	NEW HOUSE CONSTRUCT	ACCOUNT ON AN OWNER		_
	N=NonCom P=Private Z=Other X= ated upslope or sideslope an					1 1=Drilled 2=Driven Point 3 ng those on neighboring properti			
	floodplain? N rom well to nearest: (includi				ard Hydrant		Wastewater Sum	р	
	andfill	- P Proposition	10. 1		ar v e sa		Paved Animal Ba		
15 2. B	Building Overhang				Drain to Cleary	\$2000 93 00	Animal Yard or S	helter	
50 3.	1=Septic 2= Holding	Tank		Suilding Drai	Drain to Sewer 20. Silo 21. Barn Gutter				
	Sewage Absorption Unit			1=Cast I	fron or Plastic	2=Other 22	9000 00000	1=Gravity 2=Pre	acci i
	Nonconforming Pit		14. E			ity 2=Pressure	1=Cast iron	or Plastic 2=Oth	
	Buried Home Heating Oil	lank	15. 0		ver: units	i - 41	Other manure Stor	rage	
	Buried Petroleum Tank 1=Shoreline 2= Swimn	ning Pool	16. C	Clearwater Su	ımp		Other NR 812 Wa	iste Source	
tana	ensions and Construction N				Geology	8. Geology		From	To
From	To Upper Enla	rged Drillhole		en Bedrock	Codes	Type, Caving/Noncaving, Co	lor, Hardness, etc	(ft.)	(ft)
(in.) (ft)		- Mud Circulation -			T_C_ B	ROWN CLAY		0 1	0
.O surface		Air and Foam			E_N_ G	REEN SANDSTONE		10 5	0
.0 30	- 4. Drill-T 160 - 5. Revers	hrough Casing Han e Rotary	nmer		THN_ FI	RM BROWN SANDSTON		50 16	0
+		ool Bit_10 in. di Outer Casing		depth ft.	<u> </u>				+
+	Remov		, III. GIG	depui it.					+
Seeing Linear C	Other		Francis	То		20			
a. (in.)	Gereen Material, Weight, St Manufacturer & Metho		From (ft.)	(ft.)					
	EW BLK T/C PIPE ASTM FEEL 19.45 LBS A F SEID		surface	50					4
	Line 10, 10 moor 11, orange		1						+
		. [- 1						+
					9. Static Wa	ater Level	11. Well Is:	24 in. A G	end.
					125.0 fee			A=At	
				1	10. Pump Te	A=Above B=Below	Developed?		
Dia.(in.)	Screen type, material & slo	ot size	From	То	Pumping le	evel 138.0 ft below surface	Disinfected? Y	(
				[at 20.0 GP M 1.0 Hrs			
	Sealing Material					notify the owner of the need to p on this property?	ermanently abando	n and fill all	
Method GRO	OUT PUMP TREMMIE PI		om To	Sacks	If no, explai				
200	ind of Sealing Material	(ft	-		13. Initials of	Well Constructor or Supervisory	Driller GNP	Date Signed 1/18/07	ē
PC	ORTLAND CEMENT	sur	face 30.	-	Initials of Dr	ill Rig Operator (Mandatory unle			_
					Endais of Di	many operator (mandatory unit	Same as above)	1/18/07	
tonal Commen	nts? Variance Issued	7			10	/F11	Batch 1	066	

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

1. County Buffle	Village Check one and give name
2 Location Number of pre	City Check one and give name 2
8. Owner For Agent Marvin	Ferrit DEC 17 1959
4. Mail Address Mondon	ENVIRONMENTAL SANITATION
	ft; drainft; septic tank 42ft;
dry well or filter bed 25 ft; abandoned well	L ft.
6. Well is intended to supply water for:	aran
7. DRILLHOLE:	10. FORMATIONS:
Dia. (in.) From (ft.) To (ft.) Dia. (in.) From (ft.) To (ft.)	Kind Prom To (it.)
8 0 40	Sand 0/6
4 40 110	2 Irol 1655
8. CASING AND LINER PIPE OR CURBING:	Blue 7 ml 55 110
Dis. (in.) Kind and Weight From (ft.) To (ft.)	Water College
4 Sin 6 42	
	RECEIVED
	JAN 20 1950
9. GROUT:	ENVISONMENTAL
Kind From (it.) To (it.)	
Cement 1 40	
	Construction of the well was completed on:
11. MISCELLANEOUS DATA:	nov 18 1959
Vield test: 55 Hrs. at 560 GPM.	The well is terminated inches
V-12-12-12-12-12-12-12-12-12-12-12-12-12-	☐ above, below ☐ the permanent ground surface.
Depth from surface to water-level: 33 ft.	Was the well disinfected upon completion?
Water-level when pumping:3/ft.	
Water sample was sent to the state laboratory at:	YesNo
α . $\hat{\alpha}$. $\hat{\alpha}$	Was the well sealed watertight upon completion?
Moderan on the 2 1959	Yes No
2 1/ 0	10 1
ignature Milo Highey	Box 167 Eleva, Wy
Registered Well Driller	Complete Mail Address/
DEC 31959 42068	10 ml 10 ml 10 ml 10 ml
No ±2000	***** ********************************
ns'dSAFE	Gas—24 hrs
terpretation	48 hrs
	Confirm
	B. Coli 1856003
J.	Examiner

BF1033

County Buffalo Twp. V	Iner	Sec2
NW, SE, Saction 2	T23N, R10W .	

TO THE WISCONSIN STATE BOARD OF HEALTH, WELL DRILLING DIVISION, MADISON, WIS.

WELL LOG PREMISES DIAGRAM, and REPORT

For Official Record of the Board (TO BE USED FOR THAT PURPOSE ONLY) Address Mondoni Dove Date of Report __ Oyail 2 Registration No. 168 Give below the location of the property on which well is drilled. If incorporated village or city: If unincorporated hamlet _ If Lake Shore Plat ... If Subdivision If Farm Just Space Codaty Blk. If other public building . Two. WELL LOG and REPORT WELL DIAGRAM
Vertical Lines = in. Dia.
Horizontal Lines = it. Depth
Use a red line to show casing Kind of casing and liner in feet. Kind of shoe, Indicate grout, screen, seal, etc. Record of FINAL Pumping Test Give depth of formations in feet. State if dry or water bearing. 4 ft top soil and 17 ft- 4in Duration of test. Well drillers special stel Pipe Pumping Rate. 4 in steel drive shoe 76 ft Red sand Depth of pump in well. Ft _103 Rock Standing water-level (from surface.) Ft. 80 Water level when pumping 13 pt sight sand Rock Water. End of test. Check: Clear _ 15 H Bluck sound Rose Clondy -Turbid _ Water Rum Was well sterilized before test? typed version of above: To which Laboratory was sample sent?

Maduton 4 ft. top soil and sand Date 3-19-39 76 ft. Red sand Rock Was the well sealed on completion? 13 ft. light sand Rock Yes ____ No __ Water Bearing How high did you leave casing above grade? 15 ft. Blush sand Rock Water Bearing Well was completed april 20 1938 Well Driller: Oscar Julion Signature Julion

(Be sure to complete the report on the reverse side)

PREMISES DIAGRAM

(See Rules)

Draw a representative sketch of the premises on which this well is located, showing the location of the well with reference to buildings and possible sources of pollution. Indicate the condition of the surroundings by printing descriptive words like high, low, level, slope, lake, river, swamp, forest, meadow, barnyard, cesspool, privy, sewer, etc., at their respective locations and show distance from the well on the sketch. Also show direction of the campass. See Part III of Code for specimen Diagram.

REMARKS: Report blasting and unusual items in this space:

ded ded	NORTH
re represe land dividits.	
large squa Section of 10 A. trac- 10 position in the S	*
The pare	

Sec. 2 T 23NR /0W(R) (W)

(Each division equals 10) (If more or less indicate:

DRAW PREMISES DIAGRAM BELOW. (See Sec. 32 and Illustrations Part III Well Drilling Code)

Privey dwelling poultry house

Barn yard

Wash way

Adrainage

Adrainage

Show in circle the "North" Direction of the Diagram.

Note: Additional copies of this form may be obtained at 5c per copy in lots of 10 or more. Send remittance with order to State Board of Health, Well Drilling Division, Madison.

wells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, subsurface pumprooms, access pits, etc., should be given on reverse side.

Dave Olso	Registered Well I	OLSON B	ROS. WELL DRILL I EAU CLAIRE, W	
		not write in space	and the last of th	
COLIFORM TEST RESULT	GAS — 24 HRS.	GAS 48 HRS.	CONFIRMED	REMARKS 1856004
BF1035			-	
DI 1000	1	1	1	Plot

Old well caved in - apparently not enough casing. Will be abandoned proper.

NIZHOUSE THE OF WISCONSIN DEC S 3 1969 WELL CONSTRUCTOR'S REPORT WHITE COPY - DIVISION'S COPY GREEN COPY - DRILLER'S COPY YELLOW COPY - OWNER'S COPY Madison, Wisconsin 53701 1. COUNT CHECK ONE Town ☐ Village ☐ City NW SW NW Sec. 2 4. OWNER'S C FLOOR DRAIN FOUNDATION DRAIN WASTE WATER DRAIN 5. Distance in feet from well to nearest: C. L | TILE |SEWER CONNECT DINDEPENDENT C. 1. TILE C. I. (Record enswer in appropriate block) 78 CLEAR WATER DRAIN | SEPTIC TANK | PRIVY SEEPAGE PIT ABSORPTION FIELD BARN STLO ABANDONED WELL | SINK HOLE 190 86 OTHER POLLUTION SOURCES (Give description such as dump, quarry, drainage wall, atream, pond, lake, etc.) 6. Well is intended to supply water for: Farm 7. DRILLHOLE 10. FORMATIONS Dia. (in.) From (ft.) To (ft.) Dis. (in.) From (ft.) To (ft.) From (ft.) To (ft.) Surface Surface 23 23 43 8. CASING, LINER, CURBING, AND SCREEN 86 42 Kind and Weight Dia. (in.) From (ft.) To (ft.) Surface 9. GROUT OR OTHER SEALING MATERIAL From (ft.) To (ft.) Surface rill cutter 23 1969 Well construction completed on 12 - 10 **Kabove** 11. MISCELLANEOUS DATA final grade Well is terminated GPM below Yield test: Hrs. at Well disinfected upon completion X Yes ☐ No Depth from surface to normal water level Well sealed watertight upon completion ☐ No Depth to water level when pumping laboratory on: 12-22 1969 Water sample sent to Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, type of casing joints, method of finishing the well, amount of cement used in grouting, blasting, subsurface pumprooms, access pits, etc., should be given on reverse side. COMPLETE MAIL ADDRESS SIGNATURE 7. Schulf Registered Well Driller Please do not write in space below 1956037 REMARKS GAS - 24 HRS. CONFIRMED COLIFORM TEST RESULT GAS - 48 HRS. plat BF1036

WELL CONSTRUCTOR'S REPORT FORM 3300—15

SEP 15 1975

NOTE WHITE COPY - DIVISION'S COPY GREEN COPY - DRILLER'S COPY

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES Box 450 Madison, Wisconsin 53701

				•	YELLO	W COPY -	OWNERS	COPY				
1. COUNTY	5 01	0			CHECK ONE			-	NAME			
	Luffar	Co.		▼r	Authority of the Control of the Cont	_ Village		-	aver			
2. LOCAT	ION FOR	ection S	ection T	ownship	Range 10W	3. OV	NER AT T	MEDED	RILLING			
OR - Grid	or street no.	Str	reet name	42N	1000	AD	DRESS	neg	ga			
	20, 17/19 (1 7.0 3.00)					R	1#2	,	•			
AND -11 av	ailable subdivi	sion name, lot	& block no	٥.		POS	TOFFICE	0.				
				BY THE PURISH OF		1	Mond	love	juste	ب		
4. Distance	e in feet fron	well to nea	rest:	BUILDING IS	C. L TIL	E C. I.	TILE SE	FOUN WER CONI		DRAIN IDEPENDE	WASTE W	ATER DRAIN
(Rec	ord answer in	appropriate bi	lock)	25		1						
CLEAR WAT	TER DRAIN	SEPTIC TANK	K PRIVY	SEEPAGE P	T ABSORPT	ON FIELD	BARN	SILO	ABANDON	ED WELL	SINK HOLE	
CI	TILE	72	1 1		8	4					İ	
Omiren nor					1						<u> </u>	
OTHER POL	LUTION SOU	RCES (Give d	escription s	uch as dump.	quarry, draina	ge well, stre	am, pond, l	ake, etc.)				
5. Well is in	ntended to su	pply water	for:									
				Home	-							
6. DRILLE	HOLE			1		9. FO	RMATIO	NS			T es	
Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.) To (ft.)	+		Kind			From (ft.)	To (ft.)
8	Surface	47				5	2.0	<i>i</i> .			Surface	87
, 1	14.01	-11		1	1	-		^			(0
4	47	54				So	Hisa	ulai	-		8	38
	, LINER, CU			1		1	10	4			38	511
Día, (in.)	Ki	nd and Weight	7	From (ft.)	To (ft.)	150	malls.	love			20	54
4	New-K	Il Stee	PTE	Surface	47	1						
	1000	1200	16.89		1	1						
						1						
						1						
					-	1						
					/	<i>f</i>						
					1				-125		1	
. GROUT	OR OTHER S	SEALING M	IATERIAL	1 000 0000	1/		PE OF DA	RILLING	MACHIN	E USED		
	Kind			From (ft.)	To (ft)	Cab	le Tool	1.	Direct	Rotary	L Revers	e Rotary
611	things			Surface	1		ary – air rilling mud	I		- hammer ng mud & ai		
1	1			n	41					ng muu ox ar	I LIAIF	Water
CE	men			1	7/	Well cor	nstruction	complete	d on 5	- 4	above	1975
ield test:	LANEOUS D	AIA	Hrs. at	1	8 GPM	Well is t	erminated	14	/ inch	es 2		final grade
ieiu test.		W	ins, at		J 51 m		C 50 - 20 - 20 - 20 - 2	-//	10000000000			
epth from s	urface to nor	maf water le	evel	13	5 ft.	Well disi	infected up	pon comp	letion		Yes	☐ No
				31	2	Mall cas	ed waterti	ight upon	completi	on	Yes Yes	□ No
epth to wat	er level when	pumping		3.	ft.	Well seal	eu water u	ight upon	complete		153	
ater sample	sent to			21	aller	d M		laborat	ory on:	9-	10	1975
ur opinion		ther pollution	on hozardo	informatio	r concerning	difficultie	e ancount	orad and	data rela	tion to ne	arby wells, scr	opne roule
											ccess pits, etc	
given on re-										m 1-10		
GNATURE						COMPLE	TE MAIL A	DDRESS				
1 000	20	0+				Por	0		u1:	, 5	4622	
ruu.	scru	3	Reg	istered Well	Driller e do not writ	e in space	below	re,	uns	-, -,	19560	20
LIFORM TE	ST RESULT	0	GAS	S - 24 HRS.		48 HRS.		NFIRMED		REMARI		36
										1		

Department of Natural Resources Private Water Supply Box 7921 Madison, Wisconsin 53707

NOTE:

WELL CONSTRUCTOR'S REPORT Form 3300-15 Rev. 2-79

White Copy - Division's Copy Green Copy - Driller's Copy Yellow Copy - Owner's Copy

類N 2 1 1987

							-								-	/ /	01		
1. CO	UNTY		Bufi	0.7.0		CHEC							Name	-	-075				
	-	11/2	Section or			Section			Villag		City		-	Dov					
2 100	CATION	-	122001	- SE		2		nship R	10W 3.	NAME			- Y			F DRILLI	NG CH	ECK	(A ONE
OR		id or	Street No.	Street or	Road		1 2,)TA	LUIT	ADDRE		u,y n	lorld	RILLDA	25				
				Rt 3	Вах	234.	Mar	ndovi	. WI		760 I	R Ma	iń						
ANI	D - If a	vaila	ble subdivis	ion name,	-	-	-			POST O			T			ZIP CO	DE		
											Mondo	ovi.	WI 5	4755					
	ance in fe		100 miles	Building	Sani	tary Bldg	. Drair	sa Sa	nitary Blo	tg. Sewer	C	Floor	Drain ted To:	S	torm B	Bldg. Drain Storm			31dg, Sev
	earest: ver in app		cord	15*	0.	1.	Other	r	C.I.	Other	C.I.S	ewer	Other Se	ewer	C.I.	Other	C.		Other
Street	Sewer	Ott	ner Sewers	Foundation	on Dra	in Coppe	cted to	of Sewa	ge Sump	Clean	water S	eptic	Holding	Sewan	e Abso	rption Unit	Mani	ire H	opper or
San	Storm	C.I.	Other	Sewer	1	Sewage Sump	1	CJ.	Other	Sur		Tank	Tank	Seepa	-		Rete	ntion	or Tank
NOLI				Clearwate Dr.	r	Clearwa	ter					75:	_	Seepa	ge Bed ge Tren	100	-		-
Privy	Pet Waste	Pit: N	vonconform		ng S	ubsurfac	e Pumi	proom	Barr			SDO		ss Line	Sile	Farther	Silage	Eart	hen
NT and	Pit	Well Pump			- 1	lonconfo	rming	Existing	Gutte	Barn Pen	Yard	, ve1:	Fac	orage	W/O Pit	Storage or Pit	rench	Iviati	me basi
None		Tank	NAME OF THE OWNER, OWNE		1						1	1			1	1		-	
Tempor Stack or	ary Manu Platform	re y	Watertight I Manure Tan	k or Pr	anure essure	Gasoli	ne or	Dispos	Pond or L		nure Sto					escribe)	- 77	1.	
None	-		Basin	Pi	pe	Oil Tai	nk	(Spec	fy Type)	- 00	nerete F	Toor o	md	= '	Roan	doned W	eTT	60)*
5. Well i	is intende	d to	supply wate	er for:					19.	FORMA	TIONS	crete	Walls		_		_	_	
100000					ingl	Le Fan	nily	Home				Kind				From (ft.)		To	o (ft.)
6. DRII	LLHOLE						-						-						
Dia. (in	.) From	(IL)	To (ft.)	Dia. (in.)	F	rom (ft.)	1	To (ft.)			Cop Se	bil				Surface	_		3
10		2000	40	6		40		58	- 1	Clay						3			
	Surf	ace	40	-	+	40	+	00		OLAY							-	1	1
	1			i						5	hale					11	i	3	O
7. CASI	NG, LINE	ER, C	URBING A	ND SCREE	EN						9					-	-	_	
Dia. (in.) Mater	221, W	eight, Spec	sembly	Fr	om (ft.)	13	To (ft.)		2	andSt	one				30	1	5	8
,	New	Blk	. St. :	r & c	1	A STATE OF THE PARTY OF THE PAR					2								
6	ASTM	[A-	53 .19	451bs.	S	urface	1	43							-		-		
	1						1		1		2				-		1		
-	-	-			+		-		-		-			-	1		+		
	Sei	dem	an (NKK	()	1		1				1								
											2								
											1								
									10.	TYPE OF	DRILL	ING							
)			Cab!	e Tool		- w/c	tary-han Irilling d & air	nmer	In	Jettin	a with	h
. GROU	T OR OT	HER	SEALING	MATERIA	1	om (ft.)	1 7	o (ft.)		- Roti	rvair		1	tary-han	mer			Sec.	
		VIII	1		FIC	mi (11.)	1 -	U (LL.)		☐ w/dr	illing mu		₩ & a	ir				Wate	ir
	Cemer	rt C	rout		Šti	rface	+	40		Rota	ry-w/dri	Hing	Rev	erse Ro	tary			-	
						***									10				
							1		Well	construct	ion comp	pleted	on			per 16,		19.8	5_
1. MI	SCELL	ANE	OUS DAT	A			10					18	323.0		Z ab	fin	ai grad	e	
Yie	dd Test:	_			Hrs. 2	t		GP	Well well	is termina	ted —	10	inc	nes .	De	low	-		
Den	oth from	surfa	ce to norm:	al water lev	el	20		FL	WeB.	lisinfected	upon co	omple	tion	(Y Y	s 🗆 No			
	oth of wa	2 12	real .								1						1011-		
10000	hen pum		30	Ft.	Stab	ilized [Ye	s 🗆	No Well s	ealed wat	ertight u	pon c	ompletio	n (X Ye	s 🗆 No			
			พราว	follo	wat	Pter i	nst	allat	ion o	רישונה ל	hiza							19	
	ter sample				_	Printer Co. A	No. out 11	O THE REAL PROPERTY.	a 11 Ca	U-112 &	III Co	SALU-TI-S	Van San Carrier	0 march	t mell-	prompte of	ale ma		of
our opin	ion conce	mour	other polls	ution hazar t used in 21	ds, inf	formation g, blastin	g, etc.,	erning d should	he given	encounte on reverse	side.	data)	amung t	o nearo)	wells,	screens, se	olo, Inc	alou.	J.
1170		-		-	-					ess Name		nlete	Mailing	Adres				_	_
gnature	Y		0	16	7	į			Pelk	e Plu	nbing	& F	leatin	g. Ji	2C.				
	1 001	13	1	Jent	OR.	egistered	Well I	Driller	835	River	side A	ver	nue, M	ondo	vi, i	NI 5475	5		

1311

WELL (CONSTRUCT	ror's	REPORT			FEB 6		TE OF WISCONSIN OF NATURAL RE Box 450	
Wel-6				GRE	EN COPY -	DIVISION'S COPY DRILLER'S COPY OWNER'S COPY	Madiso	on, Wisconsin 537	01
I. COUNTY	111			CHEC	K ONE	NAM			1
2. LOCATIO	Number and	Street or	* arcine.	Town			Dovela	Phon available.)	- 1
-1	ESEX	4 Se	011	-T2	3N -	RIOW	29. 3 (2. 1. 2. 1.	THE SEASON SEEDS	j
1 OWNER	AT TIME OF IN	RILLING	4.	1	,			7	
- OWNER'S	OMPLEZE M	AIL ADI	TRESS (1000		7 /			
	RFD	2		Inde	pende	nce, Wis	54747	7	
	e in feet from	100	0	27		WER FLOOR DRAIN LE C.I. TILE S	FOUNDATION DRAIN EWER CONNECTED INDEPE	WASTE W.	TIL
CLEAR WAT	ER DRAIN SEI	PTIC TAX	NK PRIVY	SESPAGE PI	T ABSORP	TION FIELD BARN	SILO ABANDONED Y	ELL SINK HOLE	
5.2	-	51					1 2	A .	
OTHER POL	LUTION SOURCE	ES (Give	destipos	such as dumi	o, querry, de	inage well, stream pos	d, lake, etc.)	<i>y</i> 1	-
5. Well is	intended to	supply	water for	New	Hom	1.			
7. DRILLHO	DLE	75.5		. , , - 0	11071	10. FORMATION	IS		
Dia. (in.)	From (ft.)	To (fl.)	Die. (in.)	From (ft.)	To (ft.)	K	nd	From (A.)	To (ft.
8	Surface	22				Clay		Surface	5
4	22 8	31				Sand	2	5	33
CASING	, LINER, CURB	ING, A		From (ft.)	To (ft.)	lech	atres.	33	811
	,			Surface	40	250710.			
4	New BIS	tell	740	1	170				
		/	0.89						
-	-								
				= =					
GROUT C	OR OTHER SE	ALING	MATERIA				-		
	Kind		-	From (ft.)	To (ft.)				
Drill	cuttin	100		Surface	22				
,	6	1				Well construction	completed on	-20	197
. MISCELL	ANEOUS DAT	TA	7		مدن ا	- MARINA - LANGE - MARINA - MA		above fin	
eld test:		7	Hrs. a	at /	5 GPM	Well is terminate	d 12 inches	Pelow	al grade
epth from	surface to no	rmal wa	ater level	4	14 ft.	Well disinfected	upon completion	🔀 Yes	□ N
	ter level when			4	18 ft.	Well sealed water	ertight upon completio	n ' ½ Yes	□ N
ater sampl	e sent to	2	1.1	2-			laboratory on:	- 1	19 7
ells, screen		e of ca	sing join	s, method	of finishi	ng the well, amo	lties encountered, and unt of mement used in		
		י לנוול	-ici 4000	'S ME ALLEI	. v.i revel	A	Nanece		
NATURE	0	20				COMPLETE MAIL A		No.	
jar	P7. S.	Hue	Reg	jistered We	ll Driller	Cockera	ne ulis.	54623	٤
			0			ite in space belov		rimes is all	
LIFORM TES	RESULT		Ga	S — 24 HRS.	GAS	48 HRS.	XINFIRMED REA	MARKS 85601	
43 V. 11 -6 8					1	1	1		4

Sour	consin un	CTRONIC		R		Y	K507	7	State of Wi-Private Water Systems-DG/2 Form 3300- Department Of Natural Resources, Box 7921 (Rev 02/02) Madison, WI 53707 Depth 65						
Property	STRAIN, ZAC	HARY			Tele	epilone nber	715 -94	46-3330	U. I. Well Location						
E.	S716 BAUER		D		1400	11001			T=Town C=City V=Vi T of DOVER		Fire#	\$716			
City EL	EVA		Sta	ite V		Code	54	4738	Street Address of Road N BAUER VALLEY ROA						
£	f Well Lecasion BUFFALO	WC	Co Well Per	nit No	No Well Completion Date July 3, 2014				Subdivision Name	Lot#	Block	k#			
Well Con					Facility	ID (Pu	blic)		Gov't Lot	or SE 1/4	4 of SE	1/4 of			
Address	MISSELL ROA			217	Public \	Well Pla	ав Арргоч	'al#	Section 12 T	23 N R 10	W				
City			State Zip Co WI 5477		Date Of	Appro	val		2. Well Type 1						
Hicap Per	cap Permanent Well # Common Well # Specific C							1∞New 2=Replaces of previous unique well #							
				1	10	1	pm/ft		Reason for replaced or re-			7			
. Well Se		omes and or		ol. ind	usov, etc		tigh Capac Vell? 1	N							
	OTM NaNauCom P						roperty?	v [1 I=Drilled 2=Driven P	oint 3=Jetted 4=Oth	ner				
									ng those in neighboring pr						
Well loca	red in floodplair feet from well to	nearest (includ	ling proposed)					rd Hydrant		17 Wastewater					
	1. Landfill					Privy		in to Cleary	zier	18. Paved Anim					
90	90 2. Building Overhang							Prain to Clearwater 19. Animal Yard or Shelter Prain to Sewer 20. Silo							
	3. 1=Sept	tic 2= Holding	Tank				ing Drain	an to be wer		21. Barn Gutter					
		bsorption Unit				1	l=Cast Iro	n or Plastic		22 Manure Pipe	: j=Gravio	2=Pressure			
	5. Nonconforming Pit 14. Building Sewer						-		ty 2=Pressure estic 2=Other		t iron or Plastic				
	6. Buried Home Heating Oil Tank 7. Buried Petroleum Tank 15 Collector Sew									24. Ditch	c 2rorage				
			: D1		16	Clean	water Sum	D		25. Other NR 81	2 Waste Source	e e			
		eline 2= Swim		1000000	THE RESIDENCE				8. Co	ology	- Fro	m To			
F	Dimensions and rom To	Upper En	larged Drillhol		Lower (edrock	Geology Codes	Type, Caving/Noncavin			7 20 7 20 7			
ia(in) (i	ft) (ft)		- Mud Circula - Air ———				Г	TVX_ Br	own, Non-Caving, Sand	& Clay	0	22			
0.0 surfa	ace 30		- Air and Foar				Γ	TVN_ Ta	л, Soft, Non-Caving, Sa	ndstone	22	35			
-			Through Casin	_	mer		Ī	THN_ Ta	n/Brown, Hard/Firm, Sa	ndstone	35	65			
5.0	30 65	-5 Rever		4 41			t		The second secon						
1		X - 6. Cable-	Outer Casing				lenth R								
-	-	Remo	ved?	-	PT 0.5		Leptis It.	_				-			
		Other								-					
	iner Sercen Ma				From (ft.)		ro ft.)					-			
0:a (in.)		facturer & Meth				1		7							
0.0	0.020 X A53	3B.280 EW TC			surface		35	and the lattice of			-				
Contraction Contraction							-	_							
						1	-								
ĺ							9.	. Static Wa	ter Level	II. Well	Is: 30 in.	A Grade			
. 1				1			15-2	18.0 fee		1	JO III.	A=Above			
1						1	70	0. Pump Te	A=Above B=Belo	Developed	1? Y	B⇒Below			
Dia(in)	Screen ty	pe, material & s	lot same	-	From	Т	0	Pumping le		ourface Disinfecte	d? Y				
								Pumping	at 20.0 GP M 2.	0 Hrs Capped?	Y				
Greut or	ther Sessing N	farerial							notify the owner of the nee	ed to permanently at	pandon and fill	all			
	GROUT PUN		PE	Fro	m T	o :		nused wells of If no, explain	on this property?						
		ling Material		(ñ.			Composed		Well Constructor or Super	rvisory Driller	Date Si	gmed			
NEAT CEMENT GROUT Surface 30.0 20 S							K		7/8/14						
				-		-		nitials of Dri	Il Rig Operator (Mandator						
			1.7							- 80	٥	7/8/14			

Sour	consin uni ce: WELI	CONST	NUMBER RUCTIO	N		LI39	5	State of Wi-Private Water Department Of Natural Re Madison, WI 53707	sources. Box 7921	Form 33 (Rev 02/			
Property	PATTROW, JIM				Telepho Number	Marks -	-	1. Well Location					
Mailing Address	3030 110TH ST							T of DOVER	age	Fire#			
Cay	IPPEWA FALLS		State	WI	Zip Co	de	54729	Street Address or Road Na CTY RD Z	me and Number				
	Well Location	WC	Co Weil Penns	t No		mpletion October 29		Subdivision Name	Lot#	Block #	-		
Well Con	STUCION D S FEDIE		Licer 12	ise # Fac	ility ID	(Public)	N THE PARTY OF	Gov't Lot	or NE 1/4 of	NW	1/4 of		
Address	S HWY 10				lic Well	Plan Appr	oval#	Section 12 T 2	3 N R 10 W	1			
City			ate Zip Cod VI 54755		e of Ap	proval		2. Well Type 1	(See nem 12 belo	1			
Hicap Per	manent Well #	Con	mmon Well #	Spe 1.3	cific a	gpen/ft		1=New 2=Replacem of previous unique well #					
3. Well Se		nes and or	, church, schoo	l industry	esc)	High Cap Well?	pacity.	Resson for replaced or reco	resoucted Well?				
	OTM N-NonCoin P-P					Property?	N	1 1=Drilled 2#Driven Poi	int 3=Jetted 4=Other				
Drillhote From (m.) (f	4. Sewage Absolution 5. Nonconform. 6. Buried Home 7. Buried Petrol 8. 1=Shoreli Dimensions and Com To (A) 30 60	2= Holding orption Unit ing Pit Heating Oil leum Tank ne 2= Swimm Construction M Upper Enla - 1. Rotary - 2. Rotary - 3. Rotary - 4. Dr II-T - 5. Revers	Tank Method Tegri Drillhole Mud Circulati Air Air and Foatn through Casing e Rotary pol Bit 10 ir Outer Casing	Hammer	12. Fo 13. Bu 14. Bu 15. Co 16. Cle	amdation D filding Drai 1—Cast I 1—Cast I 1—Cast I 1=Cast	fron or Plastic er 1=Grav Cast Iron or Plastic control or Plastic cont	2=Other ity 2=Pressure astic 2=Other in diam.	1 — Cast from 23. Other manure Sto 24. Dritch 25. Other NR 812 W Color, Hardness, eac AY IN STONE	i≃Gravity 2- or Plastic 2- rage			
Casing Li	ner Screen Matel		pecification d of Assembly		rom	To (ft.)							
6.0	TC PIPE AST			SUL	ace	33				+ +3.00			
Dia.(in.)	Screen type,	material & slo	ot size	Fron	n	То		B ground surface A=Above B=Below st evel 38.0 ft, below sur at 12.0 GP M 2.0	His Capped?	A B	A Grade Above Befow		
	ther Sealing Mat				_			notify the owner of the need on this property?	in bernauturia aneikro	n and thi all			
Method	TREMIE PIPE			F om (ft.)	To (ft.)	Sacks Cement	If no, expla						
	Kind of Sealing		1	surface	1.0		13. Initials of	Well Constructor or Supervi	sory Driller DF	Date Signed 10/2			
	NEAT CEMENT			1.0	30.0	16 S	Initials of Di	ill Rig Operator (Mandatory	unless same as above)	Date Signed			
	TATAL ADAITIAL	0.00		1.0	20.0	100				10125	1130		

WISCONSIN UNIQUE WELL NUMB Source: ELECTRONICALLY	ER	51	State of Wi-Private Water Systems-DG/2 Form 3300-77A Department Of Natural Resources, Box 7921 (Rev 02/02)bw Madison. WI 5370?								
Property Owner BAUER, DAREN		Telepin	one 715 =	946-3226	1. Well Lucation	Depth 50 FT					
Mailing W47 CTY RD Z		Namoe			T=Town C=City V=Village T of DOVER Fire# W47						
City ELEVA	State	VI Zip Co	Ode	54738	Street Address or Road Name and Numb SAME	per					
County of Well Location WC Co Well P	ermit No	Well	Completion June 28.		Subdivision Name Lot# Block #						
	icense #	Facility (I)	(Public)		Gov't Lot or NE	1/4 of NW 1/4 of					
KELLY OIUM Address 50855 THOMPSON RD	6244	Public Wel	l Plan App	roval#	Section 12 T 23 N R	10 W					
City State Zip	Code 738	Date Of Ap	proval		2. Well Type 2 (See item 12 below)						
Hicap Permanent Well # Common Well	#	Specific Ca 2.3		of previous unique well # constructed in							
3. Well Serves # of homes and or CATTLE W P (eg: barn, restaurant, church, so			High Cap Well?	pacity;	Reason for replaced or reconstructed Wel	II?					
M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=An	ode L-Loo	p H=Drillhole	Property	? N	1 1=Drilled 2=Driven Point 3=Jetted 4=	-Other					
1. Landfill 85 2. Building Overhang 300 3. 1=Septic 2= Holding Tank 400 4. Sewage Absorption Unit 5. Nonconforming Pit 6. Buried Home Hearing Oil Tank 7. Buried Petroleum Tank 8. 2 1=Shoreline 2= Swimming Pool Dialin (ft) (ft) -1. Rotary - Mud Circt -2. Rotary - Air and Form 8.0 surface 30 -3. Rotary - Air and Form -4. Dill-Through Cas	lation — oam —	12. Fo 13. B 14. Bu 15. Co 16. Cle Lower Ope	pundation E pundation E ilding Drai I=Cast niding Sew I=C nilector Sew rearwater Su	Iron or Plastic ner 1=Gravit Cast Iron or Pla verunits_ units_ units_ T_C_ Tai TSN_ Tai	2=Other 22 Manual 22 Silo 21 Barn Gur 22 Manual 23 Other manual 24 Drich	Pipe 1=Gravity 2=Pressure Cast iron or Plastic 2=Other anure Storage R 812 Waste Source From To					
6.0 30 50 5. Reverse Rotary X - 6. Cable-tool Bit 8 7. Temp. O ter Casing Removed? Other		in. dia									
. Casing Liner Screen Material, Weight, Specification		From	To								
Dia. (in.) Manufacturer & Method of Assem 6.0 IPSCO ASTM A53B.280 P/E STEEL CASING	bly I	(ft.)	(ft.) 31								
				9. Static Wat 14.0 feet	B ground surface A=Above B=Below Develo	ell Is: 18 in. A Grade A=Above B=Below					
Dia.(in.) Screen type, material & slot stze		From	То	Punping le	vel 20.0 ft below surface Disinfe 1 14.0 GP M 2.0 Hrs Capped						
Grout or Other Sealing Material Method GROUT PUMP TREMMIE PIPE Kind of Sealing Material	Free (ft.)		# Sacks Cement	unused wells o If no, explain	otify the owner of the need to permanently in this property? Y Well Constructor or Sup rvisory Driller	y abandon and fill all Dare Signed					
NEAT CEMENT GROUT	surfe	30.0	10 S		Rig Operator (Mandatory unless same as	KO 6/28/04					

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

	RI			(Town	0		DEC 1 1 1945
1. Count	Very	110		Village City	pore	1	-
2. Locati	IVE, SEC	12	Town	2 31	10	W	
3. Owner	or Agent	al	mes	SI	van	ion	
4. Addres	s alls	a	Row	12	Wis		
dry we 6. Well is 7. DRILL	well to nearest: Built or filter bed intended to supply HOLE OR EXCA	ft; al	nandoned we	il ste			<i>77</i>
Dis. (in.		-	To (ft.)		Kind	200	ick- Total Depth L) (ft.)
			· 0	cla	N là lt	16	
-			`	10		2.0	0 30
		-		442	teel hi	ha 3	6 44
8. CASIN	G AND LINER PIL	PE OR CI	URBING:	San	drock		77
	11						
416 0	on crete.	0	8	-			
- 10	med to ce	unas.	-	l		0. 10.	
9. GRÓUI	Kind	From (ft.)	To (IL)				
Poud	led Clay	8	20				
Yield test: .	LANEOUS DATA Hrs. a surface to water:	t	GPM.	///	ion of the well		ed on Nov 16
Water-level	when pumping:	25	ft.	(above) (below) the per	manent grad	le.
Water samp	le sent to laborator			Was the	well disinfected	upon compl Yes	
Mad	son on Ne	27	1943	Was the	vell sealed wate	ertight upon	completion?
Signature 🗹	Sam Registered Well Dr.	H19	ley	61	eva e	YesMail Address	No

APPENDIX C

Soil Boring Logs
Temporary Monitoring Well Construction Forms

State of Wisconsin
Department of Named Resources

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

	Juls.	on Stare		-)				ing Nu			ng Nun	nber G	P-	
Boring Drilled		me of crew chief (first	, last) and Firm HL	Date	Dnii i Z	ng Sum	rd 17					Drilli		
Firm: (de is	5				70				1 20	7 3	1		6 be
W! Unique We	II No.	DNR Well ID No.	Well Name	Final	Static	Wester Feet)		Surfa	ne Ele		MSL	Boreh		iameter inches
	gin 🗆 i	(estimated: 1) or Bo	ming Location	1	Lat	0		Local	Grid (ocatio	an .			
State Plane	114	NAV I	N P	Lo		0 '		1	r	eet E	IN		Eas	E W
acility ID	1/4	County		County (Civil		City/ o	r Vills	ige			rac	ILL W
Control 1	-	Buff	elo	1			Q	sie	Γ.	Tu				_
Sample & E	. .	0.35	k Description							Soil	Prope	rues		
and Type Length Att. & Recovered (in)	Depth in Feet	SolvRov And Geol Each	ogie Origin For Major Unit		USCS	Oraphic Log	Well .	PIDAPID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
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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 forferone 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	
Don	rement of Natural	RESOURCES

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

Boring Drilled By: Name of crew chief (first, last) and Firm Date Drilling Started Date Drilling Completed	Facil	lity/Pr		Name US-	Gr.	Stac	(Fa	rnen	Lice	mse/Pe	rmit/N	Sonitor	ing Nu	mber	Bori	ng Nur	nber G	P-	
Final Man Date Late Name L	Borir	ng Dri			me of cr	ew chief (fir	rst, last) and		Date	Drilli	ng Star	ted	Date	Drillin	g Con	npleted	Drilli	ng Me	thod
WI Unique Weil No. DNR Well ID No. Well Name Final Static Water Level Surface Elevation Feet MSL Local Grid Origin (estimated: 1) or Boring Location E Loa O Local Grid Location N Feet MSL State Plane N Or Boring Location E Loa O N Local Grid Location N Feet MSL State Plane N Or Boring Location E Loa O N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL State Plane N Or Boring Location N Feet MSL Soil Properties Soil	First	Name	_			Name: Ke	its											7 7 7 5 6 4 5	
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Local Grid Origin (evimatatic) or Boring Location	WI U	nique	Well	No.	DNR	Wall (D No.	Well N	ame	Ina	Static			Swin	ce Ele			Borer		inches
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State of Wisconsin	
Denarment of Natural	Resources

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

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State of Wisconsin	
Department of Natural Resources	

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

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and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)		And Ge	ologic Or h Ma jor l	igin For		USCS	Graphic	Well	PID/FID	Compressive Strength	Moisture	Liquid	Plasticity Index	P 200	RQD/ Comments
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State of Wisconsin
Department of Natural Resources

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

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Department of Natural Resources

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

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Faci	lity/Pro		Same	v S	tare	(For	men)	License/Po	mich	lonitori	ng Nu	mber	Bori	ng Nur	nber	P.	-6
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Firm

Zanama Marana and Arana and Ar	Remediation/Rede	velopment Other		Form 4400-113A	Rev. 7-98	
Facility/Project Nunc	Local Grid Locat	ion of Well N.		Well Name	,	
ulson Stare Former			ft. DW.	1-	-1	
facility License, Permit or Monitoring No	Local Grid Origin	(estimated:)	or Well Location	Wis. Unique Well No	. DNR Well II	No.
Facility ID	-			Data Wall Installed	1-	-
		ft. N,	1. E. S/C/N	_6	1/2/20	
ype of Well	Section Location	of Waste/Source	□E	Well Inst Iled By: No	ame (first lest) a	
Well Code /		_ 1/4 of SecT			Keith	210 2 4
Distance from Waste/ Enf. Stds.	Location of Well	Relative to Wa te/Source	Gov. Lot Number	10411	10017	-
ource n. Apply	u Upgradien	t s □ Sidegradi		6e.35		-,
Protective pipe, top elevation			1. Cap and lock?	-	☐ Yes 🖫	No
NAME OF THE OWNER OWNER OF THE OWNER OWN	THE CHARLES AND THE PARTY OF A		2. Protective cover	pips:		
Well easing, top elevation	ft. MSL	THIS	a. Inside diamete	r:		in.
Land surface circuation	O_fLMSL		b. Length:			_ft.
		Design Control	c. Material:		Steel	
. Surface seal, bottom ft. MS	SLor ft.	SEATING INCOME.			Other	1 33
2. USCS classification of soil near scree	n:	A STATE OF THE PARTY OF THE PAR	d. Additional pro	tection?	Yes 🖫	No
GP GM GC GW S	SW E SP	18 11/	If yes, describ			
SM SC MLD MHD			/		Bentonite D	31
Bedrock			3. Surface seal:		Concrete	
3. Sieve analysis performed?	Yes I No		\		Other 🗆	2/440
4. Drilling method used: Ro	ary 🖸 5 0	M M	4. Material between	well casing and protect		10.6
Hollow Stem At	,			and and product	Bentonite Z	31
	her E	188 BS			Other 🗆	west
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. Drilling fluid used: Water 0 2	Air D 0.1		5. Annular space ser		1000	
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i. Drilling additives used?	res I No	183 188		volume added for any		5 0
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Describe			f. How installed:		_	
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			6 D	a Banks	Gravity 🗆	
		**	6. Bentonite real:	a. Bentu		
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Denomie seat, up it MS	L OF IL.	\ \ \ \ \ \ \ \	c	The state of the s	Other U	*
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Filler pack, top ft. MSI	Lor 3 ft.		h Volume added	f	13	-
				al: Manufacturer, produ	-	ch eiz
Screen joint, top ft. MSI	Lor 5 A.		, o. I mer pack materi	at. Maid acidici, pios	der (IBME of ME	300
			b. Volume added		_{F-3}	3333
Well bottom ft. MSI	or 15 ft.	1.81	9. Well casing:	Flush threaded PVC se		23
***************************************			J. Well Cashig.	Flush threaded PVC se		
Filter pack, bottom fLMS	or 16 A-	ノ屋ノ		LINST HITCHOOD F VC S		
			10 5	5ch. 40	Other []	2 1
Borehole, bottom ft. MS1	. 16 a		10. Screen material:	3 CM. 40		200
notesiole, postorii R. M3	ot		a. Screen type.	-	Factory out 12	
Borehole, diameter				Con	tinuous slot	412170
Borehole, diameter in.					Orher 🗆	3
			b. Manufacturer		- 1	,_
•.D. well casing in.		\	c. Slot size:		0. 1	in.
,			d. Slotted length:		_/	- R.
1.D. well casing im			11. Backfill material	below lilterpack):	None Li	14
					Other 🗆	200
reby certify that the information on this						

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 fill these forms may result in a forfeiture of between \$10 and \$25,000, or imprisenment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used formy other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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

pulpose. Return form to the appropriate Stark	Route to DNR Burea		
TV: 6: - Ai Out 6 Fill and Out.	Drinking Water	Watershed/Wastewater	Remediation/Redevelopment
Verification Only of Fill and Seal	Waste Managem		
d Mall Lanting Information	Waste Managen		· 2.65% (G) 在2.55% (G)
1. Well Location Information County WI Unique Well # of	Hicap #	2. Facility / Owner Information Facility Name	
Removed Well	nicap #	Julson Stor	- (former)
Bufalo		3WSBN 3771	C (1511-1)
Latitude / Longitude (see instructions)	ormat Code Method Code	Facility ID (FID or PWS)	
N	□DD □GPS008		
Table 1	SCR002	License/Permit/Monitoring #	
w	□DDM □OTH001		
1/4 1/4 Section	Township Range E	Original Well Owner	
or Gov't Lot #	N W		Scartie
Well Street Address		Present Well Owner	
SE corner CTH Z	4 BB		erum
Well City, Village or Town	Well ZIP Code	Mailing Address of Present Owner	
Dever Tusho			
Subdivision Name	Lot #	City of Present Owner	State ZIP Code
	100	mander.	WI 54755
Reason for Removal from Service WI Unique	e Well #of Replacement Well	4. Pump, Liner, Screen, Casing	& Sealing Material
soil boring -		Pump and piping removed?	Yes No NA
3. Filled & Sealed Well / Drillhole / Bore	hole Information	Liner(s) removed?	Yes No N/A
Original Const	truction Date (mm/dd/yyyy)	Liner(s) perforated?	Yes No N/A
Monitoring Well	12-2017	Screen removed?	Yes No NA
WaterWell		Casing left in place?	Yes No NA
Sorehole / Drillhole please attach.	struction Report is available,	Was casing cut off below surface?	TYes No TN/A
Construction Type:		Did sealing material rise to surface?	Tyes TNo TN/A
Drilled Driven (Sandpoint)	Dug	Did material settle after 24 hours?	Tyes TNo TN/A
	bug	If yes, was hole retopped?	TYes No TN/A
		If bentonite chips were used, were the	ev hydrated = T
Formation Type:		with water from a known safe source?	Yes No NA
Unconsolidated Formation	Bedrock	Required Method of Placing Sealing Ma	terial
Total Well Depth From Ground Surface (ft.) Cas	sing Diameter (in.)	Conductor Pipe-Gravity Cond	ductor Pipe-Pumped
MA	NA	Screened & Poured Othe	r (Explain):
Lower Drillhole Diameter (in.) Cas	sing Depth (ft.)	Sealing Materials	
		Neat Cement Grout	Concrete
2 2 in.	NA		
Was well annular space grouted? N.A. Yes	s No Unknown	Sand-Cement (Concrete) Grout	Bentonite Chips
		For Monitoring Wells and Monitoring We	1.75
	Water (feet)		Bentonite - Cement Grout
10.11	n 8 ft.	Granular Bentonite	Bentonite - Sand Slurry
5. Material Used to Fill Well / Drillhole			acks Sealant or Mix Ratio or
		SHOWS THE RESIDENCE OF THE STATE OF THE STAT	(circle one) Mud Weight
bentonite	chips	Surface 16 14	3-2
6. Comments			
o. Comments		Experience and a set of the least of the second	
7. Supervision of Work			DNR Use Only
		ing & Sealing or Verification Date Recei	ved Noted By
Meridian Exu. 014	1061 (mm/dd/yy)	(y) 6-12-17	No. of the state o
Street or Route		lephone Number Comments	
2711 N. Elco Rd	(3	-157 832-6608	
		Signature of Person Doing Work	Date Signed
Fall Creek W	JI 54742	011-1:	6-12-2017
		111	

	Watershed/Wastewater	Waste Management	MONITORING WELL CONSTRUCTI
	Remediation/Redevelopment	Other	10/11/400:112/A Nov. 7-38
Facility/Project Name	II and C-111 CM/.II		Well Name
		I. DE.	T-3
Julson Stare Former	f. 🖂 🕏	fr. DE.	1-3
Pacility License, Permit or Monitoring No.		d. [] or Well Location []	Wis. Unique Well No. DNR Well ID No
t world associated to the of associated in 140.	Cantillate	an. by or wentedation b	WIS. Official Work IVO. DIVE WELL ITS ING
	Lat	ng or	
Facility ID	1		Date Well Installed/
t woning 10	St. Planeft. N, _	fl.E. S/C/N	Date Well Installed 6 / 12/2617
	Section Location of Waste/Source		
Type of Well	Section Excellenter Marie/Some		m m d d y y y y
Type of west	1/4 of 1/4 of Sec.	,T N, R.	Well Installed By: Name (first, last) and F
Well Code /			Davin + Keith
	Location of Well Relative to Was	ste/Source Gov. Lot Number	
Distance from Waste/ Enf. Stds.	u 🗆 Upgradient s 🖂 S	Sidegradient	Λ -
Sourceft. Apply	[[[[[[[[[[[[[[[[[[[6e.35
	d Downgradient n 1	Not Known ———	
A. Protective pipe, top elevation nend.	F MCI	1. Cap and lock?	T Yes The No
in resecute pipe, top elevation 12 _ C .	IL IVISL		
	7 1101	2. Protective cover p	piper.
B. Well casing, top elevation	Z n. MSL	a. Inside diameter	
		a. Diston diameter	· II
C. Land surface elevation	O_ft. MSL	b. Length:	
		D-	
D Surface seel botto-	The state of the s	c. Material:	Steel 🗍 0
D. Surface seal, bottom ft. MS	Lor IL	F. C.	Other 🗆 💮
12. USCS classifi ation of soil near screen		4.形态影響	
	/ (4)	d. Addit tonal pro	tection?
GP I GM I GC I GW I S	W T SP D \ II	if yes, describe	3.51
	T CHO L	H \ I yes, describe	
		W \ '	Bentonite 3
Bedrock	1888 17	3. Surface scal:	
12 Cierce analysis performed?	1 PM B	1 XX	Concrete 0
13. Sieve analysis performed?	res Er No	83I \	Other 🗆 💥
14 Delli-a - saled. d	D 50	***	
	ary □ 50	4. Malerial between	well c sing and protective pipe:
Hollow Stem Au	eer [] 41 1880 19	309	Bentonite 2 3
		3	Politicity El 2
Geoprade Or	her 🗵 🧱 🖁	68	Other 🗆 🐊
V	1 3553 15	St	
15 D :::: - C / 1	522 8	5. Annular space sea	al: a. Granular/Chipped Bentonite 12 3
15. Drilling fluid used: Water □ 0 2	Air 🗆 0_1 👹 🖔	I beloster	and weight Bentonite-sand slurry 3:
Drilling Mud □ 0.3 N	one 17 90 888 8	C3	
0 = 03 1	0116 - 7 1881	CLbs/gal m	and weight Bentonite slurry 3
			te Benuarite-cenieni grout [5
16. Drilling additives used?	es FINo SS R		
	ESS 18	Ft -	valume add d for any of the above
	1 683 17	W	m · ·
Describe	1000 100	f. How installed:	Tremie 0
	BBS 16	88	Tremie pumped [] 0
17. Source of water (attach analysis, if requ	rd): [‱ [0	₹	
	1889 189	2)	Gravity 🗆 0
	K#9 BY	8 6. Bentonite seal:	a. Bentimile granules [3]
		G. Belleville seal.	
	CO (000) PO	% b. □1/4 in. □3	3/8 in. 1/2 in Bentonite chips 3:
E. Bentonite seal, topft.MSI	or ft	0 / -	04 7 33
	WS 18	Ø / C	Other 🛘 💸
	or _3_ft.	8 /	
F. Fine sand, top ft. MSI	or _ 3 ft.	7. Fine send meter to	l: Manufacturer, product name & mesh size
	XXX XX		ilione in the same of the same
	_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 / a	
G. Filter pa k. top ft. MSI	or_3_ft.\	9 /	ft.3
or affect by Krifob tre later	, oi h	b. Volume added	ft ³
		C Eilean mank manning	al. Manufactures medical same &
H. Screen joint, top ft_MSL	6 0- 1	o. Finer pack materia	al: Manufacturer, product name & mesh siz
H. Screen joint, top ft. MSL	or R.		
	Filmer.		6.3
		b. Volume added	ti
. Well bottom ft MSI	or _ ft.	9. Well casing:	Flush threaded PVC schedule 40 2 2:
		4	Flush threaded PVC schedule 80 \(\simeq 2\)
. Filter pack, bostom fLMSL	or 10 ft.		Other 🗆 🎉
	1	1	
	11	10. Screen material:	5ch. 40 PJC
C. Borehole, bottom ft. MSL	or /6 A	-	
		B. Screen type:	Factory cut 1 1
		8	Continuous slot 0
Borehole, diameter _ Z_ m.	\ E.	2	
Borehole, diameter 'm.		1	Other 🗆 🍪
		b. Mamifacturer	پرخته
		_	,
M. O.D. w 11 casing in.		c. Slotsize:	0_ <u>f</u> in
			70 0
,		d Stotted I ngth:	-F
V. I.D. well casing in.		11. Backfill material (below filter pack): None 14
m.		11. DECEMBLI HISTORIST (
			Other 🗆 🍇
hereby certify that the information on this for	orm is true and correct to the best	of my knowledge	
		- my killy # 10080.	
iignature 1	Firm		100 11
111	MADELLE	au Pho aga Mas	entre Consulting LL
	1000000	and the state of the	

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.

7. 60	Remediation/Redevelopmen	t Other				
acility/Project Name	Remodiation/Redevelopmen Local Grid Location of We	II D N.	ft. □ E.	Well Name	-4	
ulson Store Former	R	□ S		1		
acility License, Permit or Monitoring No.	Local Grid Origin (est	mated: [] or	Well Location	Wis. Unique Well No	. DNR Well II	D No.
	Lat	_"Long				-
acility ID	St. Planef	N.	fr. E. S/C/N	Date Well Installed	112,70	1,7
	Section Location of Waste/				d d y y	VV
ypc of Well			N.R. DE	Well Installed By: N	ame (first, last) a	and Fi
Well Code				Davin +		
Distance from Waste/ Enf. Stds.	Location of Well Relative to Upgradient s	□ Sidegradient	Gov. Lot Number			_
ourcefl Apply	d Downgradient n			6e.35		
. Protective pipe, top elevation None			Cap and lock?		☐ Yes □	No
	Tarrier Control of the Control of th		Protective cover p	ine	L 100 E	E 119
. Well casing, top elevation	2_ft. MSL		a. Inside diameter:	•		in
The state of the s	0		b. Length:			/ii
Land surface elevation	O_ft. MSL	100				
. Surface seal, bottom ft. MS	Lor ft.		c. Material:		Steel	1000
2. USCS classification of soil near screen	A STATE OF THE STA	1.8%			Other L	1000
GP □ GM □ GC □ GW □ s	/ /	I X	d. Additional prot		☐ Yes □	4 No
SW D SC D MTD WHO			If yes, describe	·		/
Bedrock []		3 🖾 \ `3.	Surface seal:		Bentonite D	
of the last of the					Concrete [0
	Yes I No	M M '	59		Other	ם נ
4. Drilling method used: Rot	ary □ 50	3 333 4.	Material between	well casing and protect	live pipe:	
Hollow Stem At	ıger □ 4.1	₩ ₩			Bentonite E	1 3
Geoprobe	ther 🖭 📗	# # # # # # # # # # # # # # # # # # #			Other	ב ב
•		5	Annular space sea	e. Granular/Chip	ped Bentonite	3
5. Drilling fluid used: Water 🗖 0 2				ud weight Bentoni		
Drilling Mud □ 0 3 N	fone ■ 99			nd weight Ben		
				te Bentonite-		
6. Drilling additives used?	res ErNo	8 88 °	л Велиели	volume added for any	of the above	- 31
		e e		Ventrine accept the arry	Tremie 🗆	0
Describe		f.	now instance:	T	mie pumped 🗆	
7. Source of water (attach analysis, if requ	ired):	3 W		110		
			D	a Duntu	Gravity []	
		OH KOON	Bentonite seal:			
Bentonite seal, top ft. MSI				/8 in. □ 1/2 in. Be		
Bentonite seat, top IL MISI	Lorn.		c		Other [
Fine sand, top ft. MS	3 . \	8 XX / 7.	Fine sand material	: Manufacturer, produ	ict name & mes	sh siz
Fine sand, top ft. MS	Cor II.			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	77	3000
	3		a		1000000	400
Filter pack, top ft. MS	- or ft.				t ³	
	6	. 8.	Filter pack materia	il: Manufacturer, prod	uct name & me	sh siz
Screen joint, top ft.MSI	or _ 6 _ ft.		a.		3.50	330
	16		b. Volume added	f	_t 3	/
Well bottomft_MS	Lor _ LDft.	9.	Well casing:	Flush threaded PVC se	chedule 40 🗵	2 2
				Flush threaded PVC se	chedule 80 🗆	2 4
Filter pack, bottom ft. MSI	or 16 ft.	厚一			Other 🛘	1 W
		10	Screen material:	5ch. 40	PSC	3.63
Borehole, bottom ft. MSI	or /6 ft.	7777	. Screen type:		Factory cut 12	1 7
			i. Sorbenty per	Con	tinuous slot	-
Borehole, diameter im.	\E				Other 🗆	- 2000
III.		\ ,	Manufacturer		Onei L	1 388
O.D. well assiss			Slot size:		- (in
O.D. well casing in.		\ \ \			14	0 1
1794		20		1 5	7	
TD 01 1		11	Mackfull Material	pelow filter pack):	None Li	14
ID. well casing in.		11.	Backin material (t	selera mas pack).	(0.112)	1 350000
ID. well casing in. treby certify that the information on this in			-	process.	Other 🗆	1 🌉

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

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

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purpose. Return form to the	he appropriate DNR office	Route to DNR Bure	actions on reverse for more i	ntormation.	313_13 2
			2007	Wastewater [Remediation/Redevelopment
Verification Only	of Fill and Seal	Drinking Water	\equiv	wastewater [Remediation/Redevelopment
water to the control of the control		Waste Manage			
1. Well Location Infor			2. Facility / Owner In	nformation	
County	WI Unique Well # of Removed Well	Hicap #	Facility Name	02 (G
Buffalo	Removed Well		Julson	Store (tormer)
		-	Facility ID (FID or PWS)		
Latitude / Longitude (see in	· · · · · · · · · · · · · · · · · · ·	nat Code Method Code			
A STATE OF THE STA	N L	DD GPS000	1 (m) 1 (m)	g #	
No. of Section 1971 - Annual Control of the Control	w	DDM OTHOU			
74/1/4 1/4	Section T	ownship Range	- Original Well Owner		
or Gov't Lot #			N		
A STATE OF THE PROPERTY OF THE		N U	Present Well Owner	17	- Harris South Self-street South Hills
Well Street Address	- CTH Z +	BB	Joh	n Maru	m
SE corner	- CIA CV		Mailing Address of Prese		
Well City, Village or Town		Well ZIP Code	Industry Address of Arese		
10014	Twish		City of Present Owner		State ZIP Code
Subdivision Name		Lot #	mando	(3)	WI 54755
				The state of the s	
Reason for Removal from S	Service WI Unique W	ell # of Replacement We	4. Pump, Liner, Screen		Ing Waterial Yes No NA
soil boring	·			vedi	Yes No NA
3. Filled & Sealed Well	/ Drillhole / Boreho	le Information	Liner(s) removed?		
Monitoring Well	Original Construc	tion Date (mm/dd/yyyy)	Liner(s) perforated?		Yes No N/A
	6-1	2-2017	Screen removed?		Yes No No N/A
Water Well	If a Well Constru	ction Report is available,	Casing left in place?	The second second	Yes No N/A
Borehole / Drillhole	please attach.	etion report is available;	Was casing cut off belo	w surface?	Yes No NA
Construction Type:			Did sealing material rise	e to surface?	Yes No NA
Drilled D	riven (Sandpoint)	Dug	Did material settle after	24 hours?	Yes No NA
- Uther (specify):	Geophore		If yes, was hole ret	opped?	Yes No NA
	الم المارات		If bentonite chips were		ated Dynamic
Formation Type:			with water from a know		Yes No NA
Unconsolidated Forma	tion Bed	rock	Required Method of Placing		
Total Well Depth From Grou	ind Surface (ft.) Casing	Diameter (in.)	Conductor Pipe-Gra	vity Conductor F	ipe-Pumped
NA	00 100	NA	Screened & Poured	Other (Expla	in):
Lower Drillhole Diameter (in	Casino	Depth (ft.)	Sealing Materials		
	., Casing		Neat Cement Grout		Concrete
۳۷.		NA			
Was well annular space grou	ted? NA Yes	□No □Unknown	Sand-Cement (Cond		Bentonite Chips
	, , , , , , , , , , , , , , , , , , ,		For Monitoring Wells and I	001	
If yes, to what depth (feet)?	Depth to Wa		Bentonite Chips	Bentoni	te - Cement Grout
NA	1	8 A.	Granular Bentonite	Bentoni	ite - Sand Slurry
5. Material Used to Fill	Well / Drillhole		From (ft.) To (ft.)	No. Yards, Sacks Se	ealant or Mix Ratio or
AND ALL CONTROL OF BELLEVILLE OF BELLEVILLE			an american management	Volume (circle o	
k	entonite	chips	Surface 12	11/4 bay	7
		Commence of the Commence of th		The second second second	
6. Comments			PECOLOGIC POPULATION		
7. Supervision of Work				ומ	NR Use Only
Name of Person or Firm Doir		ense # Date of F	illing & Sealing or Verification		Noted By
		1061 (mm/dd/y	1		
Street or Route	- 00		elephone Number	Comments	
771.	1000		7157 832-6608		
Z711 N. E. City Fall Cree	State	ZIP Code	Signature of Person Doing	The state of the s	Date Signed
F-00 1 200	V State		Ma 1	+	6-12-2017
ray cree	K W	1 >1772	0111		0 12 - 11

GP-6

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

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

age 1 of 2

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

purpose Return form to the app	TOPTIALE DINK OFFIC			ii Oi iii atiori.		
		Route to ONR Bure				
Verification Only of Fi	Il and Seal	Drinking Water	Watershed/V	Vastewater	Remediation/Redevelop	ment
		Waste Manage	ment Other			
1. Well Location Infor atio	n	有一种人们的人们的	2. Facility / Owner In	for ation		在
	nique Well # of	Hicap #	F-allita Name	The state of the s	(c)	
By Falo Remo	oved Well		Julson	Store	(former)	
			Facility ID (FID or PWS)			
Latitude / Longitude (see instructi	ons) Form	at Code Method Code				
	N [DD GPS008	10.1	7.#		
	wlr	DDM SCR002				
74174 174		1: 0: 0:	0.11.110.110			
Description (Co.	Section To	, l , li,	San I			
or Gov't Lot #		N U	V			
Well Street Address	-		Present Well Owner	n Maru		
SE commer (TH & +	BB	Joh.		VIC.	
Well City, Village or Town		Well ZIP Code	Mailing Address of Preser	nt Owner		
Dever Tus	sho					
Subdivision Name	3.7	Lot#	City of Present Owner		State ZIP Code	_
			mondo	٥.	WI 54755	
Reason for Removal from Service	IWI Unique We	ell # of Replacement Wel			ling Material	
soil boring	Titi Oliique Tit	ii ii di Nopiassinsin ma	Pump and piping remov	ved?	Yes No T	N/A
3. Filled & Sealed Well / Dril	lbolo / Porobol	Information	Liner(s) removed?		Yes No	N/A
5. Filled & Sealed Well / Dril		on Date (mm/dd/yyyy)	Liner(s) perforated?		Yes No	N/A
Monitoring Well			Screen removed?		TY es TNo	NA
Water Well	6-1	2-2017	Casing left in place?		Yes No	N/A
		tion Report is available.		40		_
Borehole / Drillhole	please attach.		Was casing cut off below		3 3 4	N/A
Construction Type:			Did seating material rise			N/A
Drilled Driven (S	Sandpoint)	Dug	Did material settle after	24 hours?	Yes No	N/A
Other (specify): Ca	oprope		If yes, was hole reto	opped?	Yes No	N/A
Formation Type:	,		If bentonite chips were a with water from a known		ated Yes No	N/A
-					Les Live F	110/1
Unconsolidated Formation	Bedr		Required Method of Placin			
Total Well Depth From Ground Sur	face (ft.) Casing	Diameter (in.)	Conductor Pipe-Grav	rity Conductor	Pipe-Pumped	
MA	1	M	Screened & Poured (Bentonite Chips)	Other (Expl	ain):	
Lower Drillhole Diameter (in.)	Casing	Depth (ft.)	Sealing Materials			
-	-		Neat Cement Grout		Concrete	
		MA	Sand-Cement (Concr	rete) Grout	Bentonite Chips	
Was well annular space grouted?	A Yes	No Unknown				
f yes, to what depth (feet)?	Depth to Water	or (foot)	For Monitoring Wells and M			
**************************************			Bentonite Chips	Benton	nite - Cement Grout	
NA	1	3 A.	Granular Bentonite		nite - Sand Slurry	
5. Material Used to Fill Well /	Drillhole		From (ft.) To (ft.)	No. Yards, Sacks S		
SECURIO EN CENTRA DE CARROL DE CONTRA CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DEL CONTRA DE LA CONTRA DELIGIA DE LA CONTRA DE LA CONT			IN ENABLESTATION REPORT OF THE PROPERTY OF THE	Volume (circle		
beu	tonite a	chips	Surface 12	21/4 64	7	
						_
i. Comments	the arms are seen				PARTY TO PERMIT	No. of Lot
. Comments	SALE CONTRACTOR SALES					经验
. Supervision of Work	的数据数据			N D	NR Use Only	
lame of Person or Firm Doing Fillin	g & Sealing Lice	ense # Date of F	Iting & Sealing or Verification	Date Received	Noted By	
Meridien Eno. C	A CONTRACTOR OF THE PARTY OF TH	061 (mm/dd/y				14.3
treet or Route	7		elephone Number	Comments		1556
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APPENDIX D Analytical Reports





June 22, 2017

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

RE: Project: JULSEN STORE

Pace Project No.: 40151809

Dear Kenneth Shimko:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten

brian.basten@pacelabs.com

(920)469-2436 Project Manager

Enclosures







CERTIFICATIONS

Project:

JULSEN STORE

Pace Project No.:

40151809

Green Bay Certification IDs

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

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



SAMPLE SUMMARY

Project:

JULSEN STORE

Pace Project No.:

40151809

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40151809001	T-1	Water	06/15/17 00:00	06/16/17 10 05
40151809002	T-3	Water	06/15/17 00:00	06/16/17 10:05
40151809003	T-4	Water	06/15/17 00:00	06/16/17 10:05
40151809004	WELL	Water	06/15/17 00:00	06/16/17 10:05
40151809005	TRIP BLANK	Water	06/15/17 00:00	06/16/17 10:05

REPORT OF LABORATORY ANALYSIS



Green Bay, WI 54302 (920)469-2436

SAMPLE ANALYTE COUNT

Project:

JULSEN STORE

Pace Project Ne.: 40151809

				Analytes	
LabiD	Sample ID	Method	Analysts	Reported	Laboratory
40151809001	T-1	WI MOD GRO	ALD	9	PASI-G
40151809002	T-3	WI MOD GRO	ALD	9	PASI-G
40151809003	T-4	WI MOD GRO	ALD	9	PASI-G
40151809004	WELL	WI MOD GRO	ALD	9	PASI-G
40151809005	TRIPBLANK	WI MOD GRO	ALD	9	PASI-G





PROJECT NARRATIVE

Project: JULSEN STORE
Pace Project No.: 40151\$09

Method: WI MOD GRO Description: WIGRO GCV

Client: Meridian Environmental Consulting, LLC

Date: June 22, 2017

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:

Analyte Comments:

QC Batch: 259075

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- T-1 (Lab ID: 40151809001)
 - · a,a,a-Trifluorotoluene (S)

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



ANALYTICAL RESULTS

Project: JULSEN STORE
Pace Project No.: 40151809

Sample: T-1	Lab ID:	40151809001	Collected	1: 06/15/17	7 00:00	Received: 06	6/16/17 10:05 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
WIGROGCV	Analytical M	Method: WI MC	D GRO						
Benzene	3380	ug/L	200	79.2	200		06/21/17 15:26	71-43-2	
Ethylbenzene	3650	ug/L	200	78.6	200		06/21/17 15:26	100-41-4	
Methyl-tert-butyl ether	<97.0	ug/L	200	97.0	200		06/21/17 15:26	1634-04-4	
Naphthalene	81 9	ug/L	200	84.8	200		06/21/17 15:26	91-20-3	
Toluene	4500	ug/L	200	77.6	200		06/21/17 15:26	108-88-3	
1,2,4-Trimethylbenzene	3810	ug/L	200	83.6	200		06/21/17 15:26	95-63-6	
1,3,5-Trimethylbenzene	1120	ug/L	200	83.2	200		06/21/17 15:26	108-67-8	
Xylene (Total)	12100	ug/L	600	249	200		06/21/17 15:26	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%	80-120		200		06/21/17 15:26	98-08-8	D3,HS
Sample: T-3	Lab ID: 4	40151809002	Collected	1: 06/15/1	7 00:00	Received: 06	6/16/17 10:05 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
WIGRO GÇV	Analytical M	Method: WI MC	DD GRO	3			77		
Benzene	<0.40	ug/L	1.0	0.40	1		06/20/17 23:03	71-43-2	
Ethylbenzene	1.2	ug/L	1.0	0.39	1		06/20/17 23:03		
Methyl-test-butyl ether	< 0.48	ug/L	1.0	0.48	1		06/20/17 23:03	1634-04-4	
Naphthalene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23:03	91-20-3	
Toluene	< 0.39	ug/L	1.0	0.39	1		06/20/17 23:03	108-88-3	
1,2,4-Trimethylbenzene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23:03	95-63-6	
1,3,5-Trimethylbenzene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23:03	108-67-8	
Xylene (Total)	5.0	ug/L	3.0	1.2	1		06/20/17 23:03	1330-20-7	
Surrogates a.a,a-Trifluorotoluene (S)	105	%	80-120		1		06/20/17 23:03	98-08-8	
					00				
Sample: T.4	Lab ID:	40151809003	Collected	d: 06/15/1	7 00:00	Received: 06	6/16/17 10:05 M	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
WIGRO GCV	Analytical f	Method: WI MC	DD GRO						
Benzene	<0.40	ug/L	1.0	0.40	1		06/20/17 23:29	71-43-2	
Ethylbenzene	< 0.39	ug/L	1.0	0.39	1		06/20/17 23:29		
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		06/20/17 23:29		
Naphthalene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23:29		
Toluene	<0.39	ug/L	1.0	0.39	1		06/20/17 23 29		
1,2,4-Trimethylbenzene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23:29		
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		06/20/17 23:29		
Xylene (Total)	<1.2	ug/L	3.0	1.2	1		06/20/17 23:29	1330-20-7	
Surrogates	10.6	0/	90 420		4		06/20/47 22:20	00 00 0	
a,a,a-mindorotoldene (5)	100	70	00-120		3		00/20/1/ 23:29	30-00-0	
a,a,a-Trifluorotoluene (S)	106	%	80-120		1		06/20/17 23:29	98-08-8	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: JULSEN STORE
Pace Project No.: 40151809

Date: 06/22/2017 01:27 PM

Sample: WELL	Lab tD:	40151809004	Collected:	06/15/17	7 00:00	Received: 06	6/16/17 10:05 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Quat
WIGRO GCV	Analytical	Method: WI MC	D GRO						
Benzene	< 0.40	ug/L	1.0	0.40	1		06/20/17 23:54	71-43-2	
Ethylbenzene	< 0.39	ug/L	1.0	0.39	1		06/20/17 23:54	100-41-4	
Methyl-tert-butyl ether	< 0.48	ug/L	1.0	0.48	1		06/20/17 23:54	1634-04-4	
Naphthalene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23:54	91-20-3	
Toluene	< 0.39	ug/L	1.0	0.39	1		06/20/17 23:54	108-88-3	
1,2,4-Trimethylbenzene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23 54	95-63-6	
1,3,5-Trimethylbenzene	< 0.42	ug/L	1.0	0.42	1		06/20/17 23:54	108-67-8	
Xylene (Total)	<1.2	ug/L	3.0	1.2	1		06/20/17 23:54	1330-20-7	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1		06/20/17 23:54	98-08-8	
Sample: TRIP BLANK	Lab ID:	40151809005	Collected	06/15/17	7 00:00	Received: 06	6/16/17 10:05 Ma	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical	Method: WI MC	DD GRO						
Benzene	<0.40	ug/L	1.0	0.40	1		06/21/17 00:20	71-43-2	
Ethylbenzene	< 0.39	ug/L	1.0	0.39	1		06/21/17 00:20	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		06/21/17 00:20	1634-04-4	
Naphthalene	< 0.42	ug/L	1.0	0.42	1		06/21/17 00:20	91-20-3	
Toluene	< 0.39	ug/L	1.0	0.39	1		06/21/17 00:20	108-88-3	
1,2,4-Trimethytbenzene	< 0.42	ug/L	1.0	0.42	1		06/21/17 00:20	95-63-6	
1,3,5-Trimethylbenzene	< 0.42	ug/L	1.0	0.42	1		06/21/17 00:20	108-67-8	
Xylene (Total)	<1.2	ug/L	3.0	1.2	1		06/21/17 00:20	1330-20-7	
Surrogates a.a,a-Trifluorotoluene (S)	103	%	80-120		1		06/21/17 00:20	00 00 0	
a.a,a- i illuoi o toluelle (3)	103	70	00-120		1		00/21/1/ 00.20	30-00-0	



QUALITY CONTROL DATA

Project:

JULSEN STORE

Pace Project No.: 40151809

QC Batch;

259075

Analysis Method:

WI MOD GRO

QC Batch Method:

WI MOD GRO

Analysis Description:

WIGRO GCV Water

Associated Lab Samples: 40151809001, 40151809002, 40151809003, 40151809004, 40151809005

METHOD BLANK: 1526347

Matrix: Water

Date: 06/22/2017 01:27 PM

Associated Lab Samples: 40151809001, 40151809002, 40151809003, 40151809004, 40151809005

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	06/20/17 19:13	
1,3.5-Trimethylbenzene	ug/L	<0.42	1.0	06/20/17 19:13	
Benzene	ug/L	< 0.40	1.0	06/20/17 19:13	
Ethylbenzene	ug/L	< 0.39	1.0	06/20/17 19:13	
Methyl-tert-butyl ether	ug/L	< 0.48	1.0	06/20/17 19:13	
Naphthalene	ug/L	< 0.42	1.0	06/20/17 19:13	
Toluene	ug/L	< 0.39	1.0	06/20/17 19:13	
Xylene (Total)	ug/L	<1.2	3.0	06/20/17 19:13	
a,a,a-Trifluorotoluene (S)	%	104	80-120	06/20/17 19:13	

LABORATORY CONTROL SAMPLE	E & LCSD: 1526348		15	26349						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.0	21.5	105	108	80-120	2	20	
1,3,5-Trimethylbenzene	ug/L	20	20.4	20.9	102	104	80-120	2	20	
Benzene	ug/L	20	20.5	20.7	103	104	80-120	1	20	
Ethylbenzene	ug/L	20	20.6	20.9	103	105	80-120	2	20	
Methyl-tert-butyl ether	ug/L	20	20.0	20.1	100	100	80-120	1	20	
Naphthalene	ug/L	20	19.9	20.7	100	103	80-120	4	20	
Toluene	ug/L	20	20.5	20.7	103	104	80-120	1	20	
Xylene (Total)	ug/L	60	61.4	62.5	102	104	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				104	104	80-120			

MATRIX SPIKE & MATRIX SP	IKE DUPLICA	ATE: 152708	34		1527085							
Parameter	4 Units	0151791001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene		<0.42	20	20	17.0	18.0	85	90			_	Quai
1,3,5-Trimethylbenzene	ug/L ug/L	< 0.42	20	20	17.0	14.7	69	74	11-200 54-142	6	20	
Benzene	ug/L	2.0	20	20	23.7	23.7	109	109	66-140	0		
Ethylbenzene	ug/L	< 0.39	20	20	21.5	22.3	108	112	66-143	4	20	
Methyl-tert-butyl ether	ug/L	< 0.48	20	20	20.5	20.7	103	103	70-129	1	20	
Naphthalene	ug/L	< 0.42	20	20	18.6	20.0	93	100	64-129	7	20	
Toluene	ug/L	0.68	20	20	22.1	22.6	107	109	76-130	2	20	
Xylene (Total)	ug/L	<1.2	60	60	60.8	63.5	101	106	60-140	4	20	
a,a,a-Trifluorotoluene (S)	%						104	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



QUALIFIERS

Project:

JULSEN STORE

Pace Project No.:

40151809

DEFINITIONS

OF- 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-Nitrose diphenylamine 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

Date: 06/22/2017 01:27 PM

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

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





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:

JULSEN STORE

Pace Project No.:

Date: 06/22/2017 01:27 PM

40151809

LabiD	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40151809001	T-1	WI MOD GRO	259075		
40151809002	T-3	WI MOD GRO	259075		
40151809003	T-4	WI MOD GRO	259075		
40151809004	WELL	WI MOD GRO	259075		
40151809005	TRIP BLANK	WI MOD GRO	259075		

(1	Please Print Clearly)									UP	PER MIDWES	ST REGION		Page 1	of
Company Name:	Meridian Bu	CSOT								MN	612-607-17	00 W1: 920-469-2436		, (C) a	11 of 13
Branch/Location:				1	Pace	? An	alytic	al*		1	n		90	15-1809	10
Project Contact:	Ken sh	wK	7 /			WWW.	pacelets c	noc		0		Quote#:			Pag
Phone:	715832	660%	- '	(CHA	AIN	OF	CL	JST	OD'	Y	Mail To Contact:	Kei	1. Shi	uko
Project Number:	17000					=H2SO4	*Preserva	tion Code	15	lelhano!		Mail To Company:	Me	War &	Ew & la
Project Name:	Julson S	tore	100.00	Sodium Bisu				n Thiosulfa			J-Maon	Mail To Address:	771	N. E.	Icano
Project State:				ERED? S/NO)	YIN								Fall	acreek	WI
Sampled By (Print	* Kenshi	MKO		RVATION	Pick Letter							Invoice To Contact:		547	
Sampled By (Sign	1 1 1	_										Invoice To Company:			
PO#:	11/	Regulato			Requested	+ Nash			1		4 1	Invoice To Address:			
Data Package C	Options MS/MSD		latrix Code	\$		5									
(billable) EPA Lev	(Utilable)	G = Charcoe		ind Water								Invoice To Phone:			
PACE LAS#	el IV NOT needed your sample	SI = Sludge	SW = Surfa WW = Wipe OLLECTION	de Water	Analyses	PJOC						CLIENT		OMMENTS Use Only)	Profile #
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	sh Results by (complete what		rea	ZX			10110		100			wis pass al	14/17/00	Recolpt Temp =	201 %
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Telephone:		R	elinquiched By:				Date	e/Time;		Rece	ved By:	Date/Time:	-	OK / AdJ	usted
Fax: Sample	s on HOLD are subject to	R	elinquished By:			-	Date	e/Time:		Recei	ved By:	Date/Time:		Cooler Cust Present / No	
special pr	icing and release of liability	1			Sec. 150	729		par to						Intact / No Version 6.0 06/14/06	ot Intact)

Pace Container Order #255307

40157809

Order i	Du.		Ship T					_		_	
	-	Environmental Consulting,			Environme	antal Con-	nt Illian		etum		nalytical Green Bay
	Shimko, K				Kenneth	errai Con	suling,	-		-	Christopher
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City	Fall Creek		City	Fall Cree	Well-line and	70 mm				Green	general de la company de la company
State	M	Zip 54742	State	W	Zip 547	742			State	V/I	Zip 54302
Phone	715-579-0	723	Phone	715-579	-0723			P	hone	(920)48	59-2436
Info	o					1012					
Project I	Name Jul	son Store	Due Date	06/14/2	017	Profit	ie				Quote
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Return	n Shippir o Shipper I Into Shipper Options umber of B	Blanks ng Labels Number r Number	Containe 3.40nt 9la	Misso	Blank Pre-Printed Costody Servinges Syringes	No Samp With Sam struct rons astruct	iple IDs			Boxed Individ Grout	d Cases dually Wrapped ped By Sample Extra Bubble Wrap Short Hold/Rush Stickers DI Water Liter(s) USDA Regulated Soils

Hazard Shipping Placard In Place: NA

"Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with your project manager.

Sample Notes		Ship Date :	06/13/2017
		Prepared By:	Mai Yer Her
		Verified By:	Page 12 • f 13
	Page 1 of 1	100	Page 12 Wris

[&]quot;Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you

^{&#}x27;Pace Analytical reserves the right to charge for unused bottles as well as cost associated with sample storage and disposal.

^{&#}x27;Payment term are net 30 days

^{*}Please include the proposal number on the chain of custody to insure proper oilling.

Sample Condition Upon Receipt

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

Pace Analytical Project #: WO#: 40151809 Client Name: Mandian Courier: Fed ExT UPS - Client F Page Other: Tracking #: 1868 8871 Older Custody Seal on Cooler/Box Present: Tyes no Seals intact: Tyes no Custody Seal on Samples Present: Tyes 7 no Seals intact: F yes no Packing Material: Bubble Wrap Bubble Bags None Other 8 NIA Type of Ice: (Vet) Blue Dry None Thermometer Used Samples on ice, cooling process has begun Uncorr: VS Biological Tissue is Frozen: Tyes Cooler Temperature /Corr: I no Temp Blank Present: Person examining contents: Date: 6 Lell Temp should be above freezing to 6°C Initials: LIM Biota Samples may be received at s 0°C Comments: Chain of Custody Present: ZYes DNo □N/A □N/A Chain of Custody Filled Out: 3. no time Chain of Custody Relinquished: Yes DNo □N/A Yes DNo Sampler Name & Signature on COC: □N/A Yes DNo DN/A Samples Arrived within Hold Time: - VOA Samples frozen upon receipt TYPS DNo Date/Time: Yes ZNo Short Hold Time Analysis (<72hr): □N/A DYES ENO Rush Turn Around Time Requested: □N/A Yes DNo □N/A Sufficient Volume: ZYes DNo Correct Containers Used: □N/A ZYes DNo -Pace Containers Used: □N/A -Pace IR Containers Used: TYes DNo ZN/A ZYes ONO ON/A Containers Intact: TYES NO DNIA Filtered volume received for Dissolved tests 12. NO autility on samples TYPS NO DNA Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: All containers needing preservation have been checked. THNO3 TH2SO4 TNaOH TNAOH +ZnAct ☐Yes ☐No Z NA (Non-Compliance noted in 13.) All containers needing preservation are found to be in compliance with EPA recommendation. DYes DNo DNA (HNO3, H2SO4 ≤2, NaOH+ZnAct ≥9, NaOH ≥12) exceptions: VOA, celiform, TOC, TOX, TOH, Date/ Initial when Lab Std #ID of O&G, WIDROW, Phenolics, ZYes DNo completed preservative Time: OTHER: DYES KINO □N/A Headspace in VOA Vials (>6mm): 14. Trip Blank Present: ZYes DNo 15. □N/A ØYes □No Trip Blank Custody Seals Present Pace Trip Blank Lot # (if purchased): Client Notification/ Resolution: If checked, see attached form for additional comments Person Contacted: Date/Time: Comments/ Resolution: -yomer 9 extra sumples necroved DW IN VICEO Date:

Project Manager Review:

F-GB-C-03 I-Rev.04 (12Dec2016) SCUR.xls Pace Analytical Services LLC. - Green Bay WI

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June 27, 2017

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

RE: Project: JULSON STORE

Pace Project No.: 40151491

Dear Kenneth Shimko:

Enclosed are the analytical results for sample(s) received by the laboratory on June 13, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Brian Basten

brian.basten@pacelabs.com

(920)469-2436 Project Manager

Enclosures







CERTIFICATIONS

Project:

JULSON STORE

Pace Project No.:

40151491

Green Bay Certification IDs

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

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

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



SAMPLE SUMMARY

Project:

JULSON STORE

Pace Project No.: 40151491

_abI0	Sample ID	Matrix	Date Collected	Date Received
10151491001	1: 3-4	Solid	06/12/17 00:00	06/13/17 09:25
10151491002	1: 7-8	Solid	06/12/17 00:00	06/13/17 09:25
10151491003	1: 11-12	Solid	06/12/17 00:00	06/13/17 09:25
40151491004	1:15-16	Solid	06/12/17 00:00	06/13/17 09:25
0151491005	2: 3-4	Solid	06/12/17 00:00	06/13/17 09:25
0151491006	2: 7-8	Solid	06/12/17 00:00	06/13/17 09:25
0151491007	2: 11-12	Solid	06/12/17 00:00	06/13/17 09:25
0151491008	3: 3-4	Solid	06/12/17 00:00	06/13/17 09:25
0151491009	3: 7-8	Solid	06/12/17 00:00	06/13/17 09:25
0151491010	3: 11-12	Solid	06/12/17 00:00	06/13/17 09:25
0151491011	4: 3-4	Solid	06/12/17 00:00	06/13/17 09:25
151491012	4: 7-8	Solid	06/12/17 00:00	06/13/17 09:25
0151491013	4: 11-12	Solid	06/12/17 00:00	06/13/17 09:25
0151491014	5: 3-4	Solid	06/12/17 00:00	06/13/17 09:25
0151491015	5 : 7 -8	Solid	06/12/17 00:00	06/13/17 09:25
0151491016	5: 11-12	Solid	06/12/17 00:00	06/13/17 09:25
0151491017	6: 3-4	Solid	06/12/17 00:00	06/13/17 09:25
0151491018	6 : 7 -8	Solid	06/12/17 00:00	06/13/17 09:25
0151491019	6: 10*	Solid	06/12/17 00:00	06/13/17 09:25
0151491020	6: 11-12	Solid	06/12/17 00:00	06/13/17 09:25
0151491021	TB	Solid	06/12/17 00:00	06/13/17 09:25



SAMPLE ANALYTE COUNT

Project:

JULSON STORE

Pace Project No.: 40151491

LabiD	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40151491001	1: 3-4	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491002	1: 7-8	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	skw	1	PASI-G
40151491003	1: 11-12	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491004	1: 15-16	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491005	2: 3-4	WIMOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491006	2: 7-8	WIMODGRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491007	2: 11-12	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491008	3: 3-4	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491009	3: 7-8	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491010	3: 11-12	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491011	4: 3-4	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491012	4: 7-8	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491013	4: 11-12	WIMODGRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491014	5: 3-4	WIMODGRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491015	5: 7-8	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491016	5: 11-12	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491017	6: 3-4	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491018	6: 7-8	WI MOD GRO	ALD	12	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
40151491019	6: 10'	WIMODGRO	ALD	12	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project:

JULSON STORE

Pace Project No.:

40151491

			Analytes				
LabID	Sample ID	Method	Analysts	Reported	Laboratory		
		ASTM D2974-87	skw	1	PASI-G		
40151491020	6: 11-12	WI MOD GRO	ALD	12	PASI-G		
		ASTM D2974-87	SKW	1	PASI-G		
40151491021	TB	WI MOD GRO	ALD	12	PASI-G		





PROJECT NARRATIVE

Project: JULSON STORE

Pace Project No.: 40151491

Method: WI MOD GRO Description: WIGRO GCV

Client: Meridian Environmental Consulting, LLC

Date: June 27, 2017

General Information:

21 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.

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.



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 1: 3-4

Lab IO: 40151491001

Collected: 06/12/17 00:00 Received: 06/13/17 09:25

Matrix: Solid

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

Parameters	Results	t.Jnits	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
WIGROGCV	Analytical	Method: WI	MOD GRO P	reparation N	1ethod	TPH GRO/PVO	WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 10:49	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 10:49	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 10:49	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 10:49	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 10:49	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 10:49		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 10:49	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 10:49	108-67-8	W
Kylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 10:49	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 10:49	179601-23-1	W
o-Xylene	<25.0	ug/kg	600	25.0	1	06/14/17 07:30	06/14/17 10:49	95-47-6	W
Surrogates		0 0							
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 10:49	98-08-8	
Percent Moisture	Analytical	Method: AST	TM D2974-87						
Percent Moisture	11.3	%	0.10	0.10	4		06/16/17 08:37		

Sample: 1: 7-8 Lab ID: 40151491002 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 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 PI	eparation N	/lethod	: TPH GRO/PVO	C WI ext.		
Benzene	1880	ug/kg	1710	715	25	06/14/17 07:30	06/14/17 17:13	71-43-2	
Ethylbenzene	58800	ug/kg	1710	715	25	06/14/17 07:30	06/14/17 17:13	100-41-4	
Methyl-tert-butyl ether	1520J	ug/kg	1710	715	25	06/14/17 07:30	06/14/17 17:13	1634-04-4	
Naphthalene	21100	ug/kg	1710	715	25	06/14/17 07:30	06/14/17 17:13	91-20-3	
Toluene	5560	ug/kg	1710	715	25	06/14/17 07:30	06/14/17 17:13	108-88-3	
Total Trimethylbenzenes	163000	ug/kg	3430	1430	25	06/14/17 07:30	06/14/17 17:13		
1,2,4-Trimethylbenzene	121000	ug/kg	1710	715	25	06/14/17 07 30	06/14/17 17:13	95-63-6	
1,3,5-Trimethylbenzene	41700	ug/kg	1710	715	25	06/14/17 07:30	06/14/17 17:13	108-67-8	
Xylene (Total)	193000	ug/kg	5140	2140	25	06/14/17 07:30	06/14/17 17:13	1330-20-7	
m&p-Xylene	189000	ug/kg	3430	1430	25	06/14/17 07:30	06/14/17 17:13	179601-23-1	
o-Xylene	4160	ug/kg	17 10	715	25	06/14/17 07:30	06/14/17 17:13	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	90	%	80-120		25	06/14/17 07:30	06/14/17 17:13	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	12.5	%	0.10	0.10	1		06/16/17 08:37		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 1; 11-12

Lab ID: 40151491003

Collected: 06/12/17 00:00 Received: 06/13/17 09:25 Matrix: Solid

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

Parameters	Results	Units	LOQ	FOD	DF	Prepared	Analyzed	CAS No.	Qual
NIGROGCV	Analytical	Method: Wil	MODGRO P	reparation M	/lethod	: TPH GRO/PVO	C WI ext.		
Benzene	4620	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	71-43-2	
Ethylbenzene	44700	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	100-41-4	
Methyl-tert-butyl ether	1850	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	1634-04-4	
Naphthalene	13200	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	91-20-3	
Toluene	11600	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	108-88-3	
Total Trimethylbenzenes	112000	ug/kg	2780	1160	20	06/14/17 07:30	06/14/17 17:39		
.2.4-Trimethytbenzene	83100	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	95-63-6	
1,3,5-Trimethytbenzene	29300	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	108-67-8	
(ylene (Total)	146000	ug/kg	4170	1740	20	06/14/17 07:30	06/14/17 17:39	1330-20-7	
n&p-Xytene	143000	ug/kg	2780	1160	20	06/14/17 07:30	06/14/17 17:39	179601-23-1	
-Xylene	3500	ug/kg	1390	579	20	06/14/17 07:30	06/14/17 17:39	95-47-6	
Surrogates									
a,a.a-Trifluorotoluene (S)	89	%	80-120		20	06/14/17 07:30	06/14/17 17:39	98-08-8	
Percent Moisture	Anatytical	Method: AS	TM D2974-87						
Percent Moisture	13.7	%	0.10	0.10	1		06/16/17 08:38		

Sample: 1:15-16 LabID: 40151491004 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 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 P	reparation (Method	: TPH GRO/PVO	C WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:15	71-43-2	W
Ethylbenzene	36.6J	ug/kg	69.0	28.7	1	06/14/17 07:30	06/14/17 11:15	100-41-4	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25,0	1	06/14/17 07:30	06/14/17 11:15	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:15	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:15	108-88-3	W
Total Trimethytbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 11:15		W
1,2,4-Trimethylbenzene	33.2J	ug/kg	69.0	28.7	1	06/14/17 07.30	06/14/17 11:15	95-63-6	
1,3.5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:15	108-67-8	W
Xylene (Total)	109J	ug/kg	207	86.2	1	06/14/17 07:30	06/14/17 11:15	1330-20-7	
m&p-Xylene	109J	ug/kg	138	57.5	1	06/14/17 07:30	06/14/17 11:15	179601-23-1	
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:15	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1	06/14/17 07:30	06/14/17 11:15	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	13.0	%	0.10	0.10	1		06/16/17 08:38		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 2: 3-4

Date: 06/27/2017 09:00 AM

Lab ID: 40151491005

Collected: 06/12/17 00:00 Received; 06/13/17 09:25

Matrix: Solid

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

Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
Analytical	Method: WI	MOD GRO P	reparation M	1ethod	: TPH GRO/PVOC	WI ext.		
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:40	71-43-2	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:40	100-41-4	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:40	1634-04-4	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:40	91-20-3	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:40	108-88-3	W
<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 11:40		W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:40	95-63-6	W
<25.0	ug/kg	60 0	25.0	1	06/14/17 07:30	06/14/17 11:40	108-67-8	W
<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 11:40	1330-20-7	W
<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 11:40	179601-23-1	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 11:40	95-47-6	W
101	%	80-120		1	06/14/17 07:30	06/14/17 11:40	98-08-8	
Analytical	Method: AS	ГМ D2974-87						
8.4	%	0.10	0.10	1		06/16/17 08:50		
	Analytical <25.0 <25.0 <25.0 <25.0 <25.0 <50.0 <25.0 <50.0 <25.0 <75.0 <50.0 <10.0 <25.0 Analytical	Analytical Method: WI <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <50.0 ug/kg <50.0 ug/kg <25.0 ug/kg <50.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <75.0 ug/kg <75.0 ug/kg <75.0 ug/kg <10.0 ug/kg	Analytical Method: WI MOD GRO Proceed to the control of the contro	Analytical Method: WI MOD GRO Preparation Method: ASTM D2974-87	Analytical Method: WI MOD GRO Preparation Method <25.0 ug/kg 60.0 25.0 1 <50.0 ug/kg 60.0 25.0 1 <50.0 ug/kg 120 50.0 1 <25.0 ug/kg 60.0 25.0 1 <25.0 ug/kg 180 75.0 1 <50.0 ug/kg 120 50.0 1 <50.0 ug/kg 120 50.0 1 <50.0 ug/kg 60.0 25.0 1 <50.0 ug/kg 120 50.0 1 <25.0 ug/kg 60.0 25.0 1 Analytical Method: ASTM D2974-87	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC 425.0 ug/kg 60.0 25.0 1 06/14/17 07:30 425.0 ug/kg 120 50.0 1 06/14/17 07:30 425.0 ug/kg 60.0 25.0 1 06/14/17 07:30 425.0 ug/kg 180 75.0 1 06/14/17 07:30 425.0 ug/kg 120 50.0 1 06/14/17 07:30 425.0 ug/kg 60.0 25.0 1 06/14/17 07:30	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. 425.0	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. 425.0

Sample: 2: 7-8 Lab ID: 40151491006 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 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	Ana{yzed	CAS No.	Qual
WIGROGCV	Απalytical	Method: WI	MOD GRO Pr	reparation M	lethod	TPH GRO/PVO	C WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	100-41-4	W
Methyl-ter:-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 12:06		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	95-63-6	W
1.3,5-Trimethylberszene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 12:06	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 12:06	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:06	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 12:06	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	14.3	%	0.10	0.10	1		06/16/17 09:02		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 2: 11-12

Lab ID: 40151491007

Collected: 06/12/17 00:00 Received: 06/13/17 09:25

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.	Qua
WIGRO GCV	Analytical	Method: WI	MOD GRO PI	eparation N	1ethod	I: TPH GRO/PVO	C WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:31	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:31	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:31	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:31	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:31	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 12:31		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:31	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:31	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 12:31	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 12:31	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07 30	06/14/17 12:31	95-47-6	W
Surrogates		0 0							
a,a,a-Trifluorotoluene (\$)	100	%	80-120		1	06/14/17 07:30	06/14/17 12:31	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	16.4	%	0.10	0.10	1		06/16/17 09:02		

Sample: 3: 3-4 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 Lab ID: 40151491008 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.	Qua
WIGROGCV	Analytical	Method: WI	MOD GRO PI	reparation N	1ethod:	TPH GRO/PVO	C WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 12:57		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 12:57	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 12:57	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 12:57	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1	06/14/17 07:30	06/14/17 12:57	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	11.6	%	0.10	0.10	1		06/16/17 09:03		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 3: 7-8

Date: 06/27/2017 09:00AM

Lab ID: 40151491009

Collected: 06/12/17 00:00 Received: 06/13/17 09:25

Matrix: Solid

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

Results	Units	LOQ	LOD	OF	Prepared	Analyzed	CAS No.	Qua
Analytical	Method: WI	MOD GRO P	reparation M	lethod	TPH GRO/PVO	C Wi ext.		
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	71-43-2	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	100-41-4	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	1634-04-4	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	91-20-3	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	108-88-3	W
<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 13:23		W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	95-63-6	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	108-67-8	W
<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 13:23	1330-20-7	W
<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 13:23	179601-23-1	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:23	95-47-6	W
101	%	80-120		1	06/14/17 07:30	06/14/17 13:23	98-08-8	
Analytical	Method: AS	ΓM D2974-87						
21.8	%	0.10	0.10	1		06/16/17 09:03		
	Analytical <25.0 <25.0 <25.0 <25.0 <25.0 <50.0 <25.0 <50.0 <25.0 <75.0 <50.0 <10.1 Analytical	Analytical Method: WI <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <50.0 ug/kg <50.0 ug/kg <50.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <15.0 ug/kg <10.1 % Analytical Method: AS	Analytical Method: WI MOD GRO P <25.0 ug/kg 60.0 <50.0 ug/kg 60.0 <50.0 ug/kg 120 <25.0 ug/kg 60.0 <50.0 ug/kg 120 <25.0 ug/kg 60.0 <25.0 ug/kg 60.0 <15.0 ug/kg 180 <50.0 ug/kg 120 <25.0 ug/kg 120 <35.0 ug/kg 120 <45.0 ug/kg 60.0 Analytical Method: ASTM D2974-87	Analytical Method: WI MOD GRO Preparation Method: ASTM D2974-87	Analytical Method: WI MOD GRO Preparation Method <25.0 ug/kg 60.0 25.0 1 <50.0 ug/kg 60.0 25.0 1 <50.0 ug/kg 120 50.0 1 <25.0 ug/kg 60.0 25.0 1 <25.0 ug/kg 60.0 25.0 1 <25.0 ug/kg 60.0 25.0 1 <25.0 ug/kg 120 50.0 1 <25.0 ug/kg 180 75.0 1 <50.0 ug/kg 120 50.0 1 <50.0 ug/kg 120 50.0 1 <50.0 ug/kg 60.0 25.0 1 <50.0 ug/kg 120 50.0 1 <25.0 ug/kg 60.0 25.0 1 Analytical Method: ASTM D2974-87	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC <25.0	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC Wi ext. 425.0	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. 425.0

Sample: 3: 11-12 LabiD: 40151491010 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 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
WIGROGCV	Analytical	Method: WI	MOD GRO P	reparation	Method	TPH GRO/PVO	C WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 13:48		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	95 63 6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 13:48	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 13:48	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 13:48	95-47-6	W
Surrogates									
a.a.a-Trifluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 13:48	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	19.8	%	0.10	0.10	1		06/16/17 09:03		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 4: 3-4

Lab ID: 40151491011

Collected: 06/12/17 00:00 Received: 06/13/17 09:25 Matrix: Solid

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

<25.0		MOD GRO P	reparation N	A a kla a d				
				retnou	ETPH GRO/PVOC	: WI ext.		
	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	71-43-2	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	100-41-4	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	1634-04-4	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	91-20-3	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	108-88-3	W
<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 14:14		W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	95-63-6	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	108-67-8	W
<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 14:14	1330-20-7	W
<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 14:14	179601-23-1	W
<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:14	95-47-6	W
	0 0							
100	%	80-120		1	06/14/17 07:30	06/14/17 14:14	98-08-8	
Analytical	Method: AS	TM D2974-87						
10.3	%	0.10	0.10	1		06/16/17 09:27		
	<25.0 <25.0 <50.0 <25.0 <25.0 <75.0 <50.0 <25.0	<25.0 ug/kg <25.0 ug/kg <50.0 ug/kg <25.0 ug/kg <25.0 ug/kg <25.0 ug/kg <75.0 ug/kg <50.0 ug/kg <50.0 ug/kg <100 % Analytical Method: AS	<25.0	<25.0	<25.0	<25.0	<25.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 <25.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 <50.0 ug/kg 120 50.0 1 06/14/17 07:30 06/14/17 14:14 <25.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 <25.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 <25.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 <75.0 ug/kg 180 75.0 1 06/14/17 07:30 06/14/17 14:14 <50.0 ug/kg 120 50.0 1 06/14/17 07:30 06/14/17 14:14 <50.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 <25.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 <25.0 ug/kg 60.0 25.0 1 06/14/17 07:30 06/14/17 14:14 Analytical Method: ASTM D2974-87	<25.0

Sample: 4: 7-8

Lab ID: 40151491012 Collected: 06/12/17 00:00 Received: 06/13/17 09:25

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 P	reparation N	/lethod	: TPH GRO/PVO	CWI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 14:39		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 14:39	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 14:39	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 14:39	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 14:39	98-08-8	
Percent Moisture	Analytical	Method; AS	TM D2974-87						
Percent Moisture	12.4	%	0.10	0.10	1		06/16/17 09:27		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 4: 11-12

Lab ID: 40151491013 Collected: 06/12/17 00:00 Received: 06/13/17 09:25

Matrix: Solid

Results reported on a "diy 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: WII	MOD GRO P	eparation N	/lethod	TPH GROPVO	WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	71-43-2	W
Ethylberizene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 19:21		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 19:21	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 19:21	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:21	95-47-6	W
Surrogates									
a.a.a-Trilluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 19:21	98-08-8	
Percent Moisture	Analytical	Method: AS1	ГМ D2974-87						
Percent Moisture	14.5	%	0.10	0.10	1		06/16/17 09:27		

Sample: 5: 3-4 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 Matrix: Solid Lab ID: 40151491014 Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	OF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical	Method: WI	MOD GRO PI	eparation N	lethod	: TPH GRO/PVO	OWI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 19:46		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	95-63-6	W
1,3.5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 19:46	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 19:46	179601-23-1	W
o-Xylene Surrogates	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 19:46	95-47-6	W
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 19:46	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	11.9	%	0.10	0.10	1		06/16/17 09:27		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 5: 7-8

Date: 06/27/2017 09:00AM

Lab ID: 40151491015

Collected: 06/12/17 00:00 Received: 06/13/17 09:25

Matn'x: 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
WIGROGCV	Analytical	Method: WI	MOD GRO P	reparation N	/lethod	: TPH GRO/PVO	WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07 30	06/14/17 20:12		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	95-63-6	W
1.3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 20:12	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 20:12	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:12	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 20:12	98-08-8	
Percent Moisture	Analytical	Method: AST	TM D2974-87						
Percent Moisture	14.6	%	0.10	0.10	1		06/16/17 09:27		

Sample: 5: 11-12 Lab ID: 40151491016 Collected: 06/12/17 00:00 Received: 06/13/17 09/25 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 PI	reparation N	Nethod	: TPH GRO/PVO	CWI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:37	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:37	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:37	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07 30	06/14/17 20:37	91-20-3	W
Toluene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:37	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 20:37		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:37	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 20:37	108-67-8	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 20:37	1330-20-7	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 20:37	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	4	06/14/17 07:30	06/14/17 20:37	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1	06/14/17 07:30	06/14/17 20:37	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	13.2	%	0.10	0.10	1		06/16/17 09:28		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 6: 3-4

Lab ID: 40151491017

Collected: 06/12/17 00:00 Received: 06/13/17 09:25

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 P	reparation M	1ethod	: TPH GRO/PVOC	C WI ext.		
Benzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 21:03	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 21:03	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 21:03	1634-04-4	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 21:03	91-20-3	W
Toluene	<25.0	ug/kg	60,0	25.0	1	06/14/17 07:30	06/14/17 21:03	108-88-3	W
Total Trimethylbenzenes	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 21:03		W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 21:03	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 21:03	108-67-8	W
Kylene (Total)	<75.0	ug/kg	180	75.0	1	06/14/17 07:30	06/14/17 21:03	1330-20-7	W
n&p-Xylene	<50.0	ug/kg	120	50.0	1	06/14/17 07:30	06/14/17 21:03	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	06/14/17 07:30	06/14/17 21:03	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1	06/14/17 07:30	06/14/17 21:03	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	21.3	%	0.10	0.10	1		06/16/17 09:28		

Sample: 6: 7-8 Lab ID: 40151491018 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 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
WIGROGCV	Analytical	Method: WI	MOD GRO Pr	eparation N	/lethod	: TPH GRO/PVOC	C WI ext.		
Benzene	<500	ug/kg	1200	500	20	06/14/17 07:30	06/14/17 15:56	71-43-2	W
Ethylbenzene	4990	ug/kg	1340	557	20	06/14/17 07:30	06/14/17 15:56	100-41-4	
Methyl-tert-butyl ether	<500	ug/kg	1200	500	20	06/14/17 07:30	06/14/17 15:56	1634-04-4	W
Naphthalene	19400	ug/kg	1340	557	20	06/14/17 07:30	06/14/17 15:56	91-20-3	
Toluene	<500	ug/kg	1200	500	20	06/14/17 07:30	06/14/17 15:56	108-88-3	W
Total Trimethylbenzenes	172000	ug/kg	2680	1110	20	06/14/17 07:30	06/14/17 15:56		
1,2,4-Trimethylbenzene	128000	ug/kg	1340	557	20	06/14/17 07:30	06/14/17 15:56	95-63-6	
1,3,5-Trimethylbenzene	44200	ug/kg	1340	557	20	06/14/17 07:30	06/14/17 15:56	108-67-8	
Xylene (Total)	30600	ug/kg	4010	1670	20	06/14/17 07:30	06/14/17 15:56	1330-20-7	
m&p-Xylene	27800	ug/kg	2680	1110	20	06/14/17 07:30	06/14/17 15:56	179601-23-1	
o-Xylene	2830	ug/kg	1340	557	20	06/14/17 07:30	06/14/17 15:56	95-47-6	
Surrogates									
a.a.a-Trifluorotoluene (S)	104	%	80-120		20	06/14/17 07:30	06/14/17 15:56	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	10,3	%	0.10	0.10	1		06/16/17 09:28		



Project:

JULSON STORE

Pace Project No.:

40151491

Sample: 6: 10'

Lab ID: 40151491019 Collected 06/12/17 00:00 Received: 06/13/17 09:25 Matrix: Selid

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 PI	eparation N	/lethod	TPH GRO/PVO	C WI ext.		
Benzene	<1000	ug/kg	2400	1000	40	06/14/17 07:30	06/14/17 16:22	71-43-2	W
Ethylbenzene	30200	ug/kg	2730	1140	40	06/14/17 07:30	06/14/17 16:22	100-41-4	
Methyl-tert-butyl ether	<1000	ug/kg	2400	1000	40	06/14/17 07:30	06/14/17 16:22	1634-04-4	W
Naphthalene	42300	ug/kg	2730	1140	40	06/14/17 07:30	06/14/17 16:22	91-20-3	
Toluene	<1000	ug/kg	2400	1000	40	06/14/17 07:30	06/14/17 16:22	108-88-3	W
Total Trimethylbenzenes	376000	ug/kg	5470	2280	40	06/14/17 07 30	06/14/17 16:22		
1,2,4-Trimethylbenzene	282000	ug/kg	2730	1140	40	06/14/17 07:30	06/14/17 16:22	95-63-6	
1,3,5-Trimethylbenzene	93800	ug/kg	2730	1140	40	06/14/17 07:30	06/14/17 16:22	108-67-8	
Xylene (Total)	153000	ug/kg	\$ 200	3420	40	06/14/17 07:30	06/14/17 16:22	1330-20-7	
m&p-Xylene	145000	ug/kg	5470	2280	40	06/14/17 07 30	06/14/17 16:22	179601-23-1	
o-Xylene	7750	ug/kg	2730	1140	40	06/14/17 07:30	06/14/17 16:22	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%	80-120		40	06/14/17 07:30	06/14/17 16:22	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	12.2	%	0.10	0.10	1		06/16/17 09:28		

Sample: 6: 11-12 Lab ID: 40151491020 Collected: 06/12/17 00:00 Received: 06/13/17 09:25 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	OF	Prepared	Analyzed	CAS No.	Qual
WIGROGCV	Analytical	Method: WI	MOD GRO F	Preparation	Method	TPH GRO/PVO	CWI ext.		
Benzene	26600	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	71-43-2	
Ethylbenzene	131000	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	100-41-4	
Methyl-tert-butyl ether	6460	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	1634-04-4	
Naphthalene	32900	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	91-20-3	
Toluene	415000	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	108-88-3	
Total Trimethylbenzenes	306000	ug/kg	7150	2980	50	06/14/17 07:30	06/14/17 16:47		
1,2,4-Trimethylbenzene	228000	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	95-63-6	
1,3,5-Trimethylbenzene	77800	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	108-67-8	
Xylene (Total)	572000	ug/kg	10700	4470	50	06/14/17 07:30	06/14/17 16:47	1330-20-7	
m&p-Xylene	418000	ug/kg	7150	2980	50	06/14/17 07:30	06/14/17 16:47	179601-23-1	
o-Xylene <i>Surrogates</i>	154000	ug/kg	3570	1490	50	06/14/17 07:30	06/14/17 16:47	95-47-6	
a,a,a-Trifluorotoluene (S)	86	%	80-120		50	06/14/17 07:30	06/14/17 16:47	98-08-8	
Percent Moisture	Analytical	Method: AS	TM D2974-87						
Percent Moisture	16.1	%	0.10	0.10	1		06/16/17 09:28		



Project

JULSON STORE

Pace Project No.: 40151491

Sample: TB

Date: 06/27/2017 09:00AM

Lab ID: 40151491021

Collected: 06/12/17 00:00 Received: 06/13/17 09:25 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CASNo.	Qua
VIGRO GCV	Analytical	Method: WI	MOD GRO P	reparation N	tethod	: TPH GRO/PVO	WI ext.		
Benzene	<25.0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	71-43-2	W
thylbenzene	<25.0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	1634-04-4	W
Naphthalene	<25.0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	91-20-3	W
Oluene	<25.0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	108-88-3	W
otal Trimethylbenzenes	<50.0	ug/kg	100	50.0	1	06/14/17 07:30	06/14/17 18:23		W
,2.4-Trimethylbenzene	<25.0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	95-63-6	W
.3.5-Trimethylbenzene	<25,0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	108-67-8	W
(ylene (Total)	<75.0	ug/kg	150	75.0	1	06/14/17 07:30	06/14/17 18:23	1330-20-7	W
n&p-Xylene	<50.0	ug/kg	100	50.0	1	06/14/17 07:30	06/14/17 18:23	179601-23-1	W
-Xylene Surrogates	<25.0	ug/kg	50.0	25.0	1	06/14/17 07:30	06/14/17 18:23	95-47-6	W
a.a.a-Trifluorotoluene (S)	104	%	80-120		1	06/14/17 07:30	06/14/17 18:23	98-08-8	



Project

JULSON STORE

Pace Project No.: 40151491

QC Batch:

258534

Analysis Method:

WI MOD GRO

QC Batch Method:

TPH GRO/PVOC WI ext.

Analysis Description:

WIGRO Solid GCV

Associated Lab Samples:

40151491001, 40151491002, 40151491003, 40151491004, 40151491005, 40151491006, 40151491007, 40151491008,40151491009, 40151491010,40151491011, 40151491012,40151491013, 40151491014,

40151491015,40151491016,40151491017,40151491018,40151491019,40151491020

METHOD BLANK: 1523107

Matrix: Solid

Associated Lab Samples:

40151491001, 40151491002,40151491003,40151491004, 40151491005, 40151491006,40151491007, 40151491008,40151491009, 40151491010, 40151491011,40151491012,40151491013, 40151491014, 40151491015,40151491016, 40151491017,40151491016, 40151491019, 40151491020

Parameter) (-iA-	Blank	Reporting Limit	Applyand	Qualifiers
Parameter	Units	Result	Limit	Analyzed	Quaimers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	06/14/17 09:05	
1,3,5-Trimethylbenzene	ug/kg	<25.0	50.0	06/14/17 09:05	
Benzene	ug/kg	<25.0	50.0	06/14/17 09:05	
Ethy/benzene	ug/kg	<25.0	50.0	06/14/17 09:05	
m&p-Xylene	ug/kg	<50.0	100	06/14/17 09:05	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	08/14/17 09:05	
Naphthalene	ug/kg	<25.0	50.0	06/14/17 09:05	
o-Xylene	ug/kg	<25.0	50.0	06/14/17 09:05	
Toluene	ug/kg	<25.0	50.0	06/14/17 09.05	
Total Trimethylbenzenes	ug/kg	<50.0	100	06/14/17 09:05	
Xylene (Total)	ug/kg	<75.0	150	06/14/17 09:05	
a,a,a-Triffuorotoluene (S)	%	100	80-120	06/14/17 09:05	

LABORATORY CONTROL SAMPL	.E & LCSD: 1523108		15	23109						
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	1080	1080	108	108	80-120	0	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1040	1040	104	104	80-120	0	20	
Benzene	ug/kg	1000	1010	1030	101	103	80-120	2	20	
Ethylbenzene	ug/kg	1000	1050	1050	105	105	80-120	1	20	
m&p-Xylene	ug/kg	2000	2090	2070	105	104	80-120	1	20	
Methyl-tert-butyl ether	ug/kg	1000	1010	1000	101	100	80-120	1	20	
Naphthalene	ug/kg	1000	1080	1070	108	107	80-120	1	20	
o-Xylene	ug/kg	1000	1050	1050	105	105	80-120	1	20	
Toluene	ug/kg	1000	1030	1040	103	104	80-120	1	20	
Total Trimethylbenzenes	ug/kg	2000	2120	2120	106	106	80-120	0	20	
Xylene (Total)	ug/kg	3000	3150	3120	105	104	80-120	1	20	
a.a.a-Triffuorotoluene (S)	%				103	101	80-120			



Project:

JULSON STORE

Pace Project No.: 40151491

QC Batch:

258535

Analysis Method:

WI MOD GRO

QC Satch Method:

TPH GRO/PVOC WI ext.

Analysis Description:

WIGRO Solid GCV

Associated Lab Samples: 40151491021

METHOD BLANK: 1523110

Matrix: Solid

Associated Lab Samples: 40151491021

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	50.0	06/14/17 12:46	
1.3.5-Trimethylbenzene	ug/kg	<25.0	50.0	06/14/17 12:46	
Benzene	ug/kg	<25.0	50.0	06/14/17 12:46	
Ethylbenzene	ug/kg	<25.0	50.0	06/14/17 12:46	
m&p-Xylene	ug/kg	<50.0	100	06/14/17 12:46	
Methyl-tert-butyl ether	ug/kg	<25.0	50.0	06/14/17 12:46	
Naphthalene	ug/kg	<25.0	50.0	06/14/17 12:46	
o-Xylene	ug/kg	<25.0	50.0	06/14/17 12:46	
Toluene	ug/kg	<25.0	50.0	06/14/17 12:46	
Total Trimethylbenzenes	ug/kg	<50.0	100	06/14/17 12:46	
Xylene (Total)	ug/kg	<75.0	150	06/14/17 12:46	
a,a,a-Trifluorotoluene (S)	%	104	80-120	06/14/17 12:46	

LABORATORY CONTROL SAMPL	E & LCSD: 1523111		15	23112						
		Spike	LCS	LCSD	LCS	LCSD	% Rec		Max	
Parameter	Units	Conc.	Result	Result	%Rec	% Rec	Limits	RPD	RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1100	1060	110	106	80-120	3	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1070	1040	107	104	80-120	3	20	
Benzene	ug/kg	1000	1040	1010	104	101	80-120	2	20	
Ethylbenzene	ug/kg	1000	1080	1050	108	105	80-120	3	20	
m&p-Xylene	ug/kg	2000	2140	2070	107	104	80-120	3	20	
Methyl-tert-butyl ether	ug/kg	1000	1020	995	102	100	80-120	2	20	
Naphthalene	ug/kg	1000	973	1000	97	100	80-120	3	20	
o-Xylene	ug/kg	1000	1080	1040	108	104	80-120	3	20	
Toluene	ug/kg	1000	1050	1020	105	102	80-120	4	20	
Total Trimethylbenzenes	ug/kg	2000	2170	2100	109	105	80-120	3	20	
Xylene (Total)	ug/kg	3000	3220	3110	107	104	80-120	3	20	
a,a,a-Trifluorotoluene (S)	%				105	104	80-120			





Project:

JULSON STORE

Pace Project No.: 40151491

QC Batch:

258801

Analysis Method:

ASTM D2974-87

QC Batch Method:

ASTM D2974-87

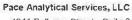
Analysis Description:

Dry Weight/Percent Moisture

Associated Lab Samples: 40151491001, 40151491002, 40151491003, 40151491004, 40151491005

SAMPLE DUPLICATE: 1524754

		40151491004	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
Percent Moisture	%	13.0	13.0	0	10	





1241 Bellevue Street - Suite 9 Green Bay, WI 54302 (920)469-2436

QUALITY CONTROL DATA

Project:

JULSON STORE

Pace Project No.:

40151491

QC Batch:

258804

Analysis Method:

ASTM D2974-87

QC Batch Method:

ASTM D2974-87

Analysis Description:

Dry Weight/Percent Moisture

Associated Lab Samples:

Date: 06/27/2017 09:00AM

40151491006, 40151491007, 40151491008, 40151491009, 40151491010

SAMPLE DUPLICATE: 1524759

Parameter

40151491006 Result

Dup Result

RPD

Max RPD

Qualifiers

Percent Moisture

Units %

14.5

1

10





Project:

JULSON STORE

Pace Project No.:

40151491

QC Batch:

258810

Analysis Method:

ASTM D2974-87

QC Batch Method:

ASTM D2974-87

Analysis Description:

Dry Weight/Percent Moisture

Date: 06/27/2017 09:00AM

Associated Lab Samples: 40151491011, 40151491012, 40151491013, 40151491014, 40151491015, 40151491016, 40151491017,

40151491018,40151491019, 40151491020

SAMPLE DUPLICATE: 1524783

40151491012 Parameter Units Result

Dup Result

Max RPD RPD

1

Qualifiers

Percent Moisture

%

12.4

12.3

10



QUALIFIERS

Project:

JULSON STORE

Pace Project No.:

40151491

DEFINITIONS

OF - 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 Get - 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

Date: 06/27/2017 09:00AM

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



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:

JULSON STORE

Pace Project No.: 40151491

Date: 06/27/2017 09:00AM

LabiD	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40151491001	1: 3-4	TPH GRO/PVOC WI ext.	258534	WIMODGRO	258536
40151491002	1: 7-8	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491003	1: 11-12	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491004	1: 15-16	TPH GRO/PVOC WI ext.	258534	WIMODGRO	258536
10151491005	2: 3-4	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491006	2: 7-8	TPH GRO/PVOC WI ext.	258534	WIMODGRO	258536
10151491007	2: 11-12	TPH GRO/PVOC WI ext.	258534	WIMODGRO	258536
10151491008	3: 3-4	TPH GRO/PVOC WI ext.	258534	WIMODGRO	258536
10151491009	3: 7-8	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491010	3: 11-12	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491011	4: 3-4	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491012	4: 7-8	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491013	4: 11-12	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
40151491014	5: 3-4	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491015	5: 7-8	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491016	5: 11-12	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491017	6: 3-4	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491018	6: 7-8	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491019	6: 10'	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491020	6: 11-12	TPH GRO/PVOC WI ext.	258534	WI MOD GRO	258536
10151491021	ТВ	TPH GRO/PVOC WI ext.	258535	WI MODGRO	258538
40151491001	1: 3-4	ASTM D2974-87	258801		
10151491002	1: 7-8	ASTM D2974-87	258801		
10151491003	1: 11-12	ASTM D2974-87	258801		
10151491004	1: 15-16	ASTM D2974-87	258801		
10151491005	2: 3-4	ASTM D2974-87	258801		
10151491006	2: 7-8	ASTM D2974-87	258804		
40151491007	2: 11-12	ASTM D2974-87	258804		
40151491008	3: 3-4	ASTM D2974-87	258804		
10151491009	3: 7-8	ASTM D2974-87	258804		
40151491010	3: 11-12	ASTM D2974-87	258804		
10151491011	4: 3-4	ASTM D2974-87	258810		
40151491012	4: 7-8	ASTM D2974-87	258810		
10151491013	4: 11-12	ASTM D2974-87	258810		
40151491014	5: 3-4	ASTM D2974-87	258810		
10151491015	5: 7-8	ASTM D2974-87	258810		
40151491016	5: 11-12	ASTM D2974-87	258810		
40151491017	6: 3-4	ASTM D2974-87	258810		
40151491018	6: 7-8	ASTM D2974-87	258810		
40151491019	6: 10'	ASTM D2974-87	258810		
40151491020	6; 11-12	ASTM D2974-87	258810		

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Pace Container Order #252162

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Email	kshimko.n	neridianenv@gmait.com	Email	kshimko meridianen	∕@gmai	l.∞m	Email	brian.ba	sten@pacelabs.com
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Hazard Shipping Placard In Place: NA

Sample Notes	Ship Date :	05/31/2017
	Prepared By:	Mai Yer Her
	Verified By:	D 27 -45
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Page 1 of 1

^{*}Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with your project manager.

[&]quot;Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you

[&]quot;Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal

^{&#}x27;Payment term are net 30 days.

^{*}Please Include the proposal number on the chain of custody to insure proper billing.

Sample Condition Upon Receipt

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

Pace Analytical" WO#: 40151491 Project #: Client Name: Meridian Courier: Fed Ex T UPS - Client T Pace Other. Tracking #: 7793 7600 0933 Custody Seal on Cooler/Box Present: Tyes one Seals intact: Tyes no Seals intact: Tyes no Packing Material: Bubble Wrap Bubble Bags None Cother Samples on ice, cooling process has begun Thermometer Used Type of Ice: Wet Sive Dry None Biological Tissue Is Frozen: Tyes Uncom: ACL Cooler Temperature T no Temp Blank Present: Tyes K no Person examining contents: Date: Temp should be above freezing to 6°C. Initials: Biota Samples may be received at ≤ 0°C. Comments: Chain of Custody Present: TY as DNo □N/A Chain of Custody Filled Out: XYes \ No □N/A TYES XNO Chain of Custody Relinquished: Yes DNo Sampler Name & Signature on COC: □N/A Oyes DNo Samples Arrived within Hold Time: □N/A 5. □Yes □No - VOA Samples frozen upon receipt Date/fime: DYES THO DNA Short Hold Time Analysis (<72hr): DYES DNO Rush Turn Around Time Requested: DNA Tyes DNo Sufficient Volume: □N/A TYES DNO □N/A Correct Containers Used: TYES DND DN/A -Page Containers Used: TYes The DNA -Pace IR Containers Used: TYES No □N/A 10 Containers Intact: □Yes □No DATA Filtered volume received for Dissolved tests 12. no date 1-times DYes DNo DN/A Sample Labels match COC: 026 61311 -Includes date/time/ID/Analysis Att containers needing preser ation have been checked. THNO3 TH2SO4 TNaOH TNaOH +ZnAct TYES THO THE (Non-Compliance noted in 13.) All containers needing prese vation are found to be in compliance with EPA recommendation. DYes DNo -BN/A (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12) exceptions: VBA, coliform, TOC, TOX, TOH, Initial when Lab Std #ID of OTHER: ☐Yes ☐No Time: O&G. WOROW, Phenotics. completed preservative TYES DNO DNIA Headspace in VOA Vials (>6mm): PY es ONO ON/A Trip Blank Present: PYES DNo Trip Blank Custody Seals Present Pace Trip Blank Lot# (if purchased): Client Not fication/ Resolution: If checked, see attached form for additional comments Person Contacted: Date/Time: Comments/ Resolution: Date: Project Manager Review: F-GB-C-031-Rev.04 (12Dec2016) SCUR.xls Pace Analytical Services LLC. - Green Bay WI Page 28 of 28