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January 17, 2019

BRRTS #: 03-23-198810

PECFA Claim #: 53502-9519-98-A

Erin Niemisto  
Wisconsin Department of Natural Resources  
3911 Fish Hatchery Road  
Fitchburg, WI 53570

Subject: River Bends Bar – Letter Report

Dear Ms. Niemisto,

Enclosed is the Letter Report for the River Bends Bar site located at N7298 County Highway X in Attica (Town of Brooklyn), Wisconsin.

### **Soil Excavation/Disposal Project**

On September 24, 2018, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. During this project, 231.10 tons of petroleum contaminated soil was excavated and hauled to Mallard Ridge Landfill facility located in Delavan, Wisconsin. The excavation consisted of an area that measures up to 26 feet long, 24 feet wide, and 9 feet deep located to the northwest of the on-site building. Prior to the excavation, monitoring well MW-1 was abandoned.

Eleven soil samples were collected from the sidewalls and bottom of the excavation for laboratory analysis (PVOC and Naphthalene). Ten sidewall samples were collected at 3 or 6 feet bgs and one bottom sample was collected at 9 feet bgs.

Following the excavation project, the excavation area was backfilled with clean soils and capped with gravel.

### **Drilling Project**

On November 5, 2018, Geiss Soil and Samples LLC, of Merrill, Wisconsin, installed one replacement monitoring well (MW-1R) under the direction and supervision of METCO personnel. The monitoring well was blind drilled and installed to 16 feet bgs. Upon completion, monitoring well MW-1R was properly developed.

### **Investigative Waste Disposal**

On November 8, 2018 DKS Transport Services, LLC of Menomonie, Wisconsin picked up and disposed of one drum of soil cuttings at the Advanced Disposal – Seven Mile Creek Landfill in Eau Claire, Wisconsin.

## **Post Excavation Groundwater Monitoring**

On November 28, 2018, METCO personnel collected groundwater samples from the five monitoring wells (MW-1R, MW-2, MW-3, MW-4, and MW-5) and two private wells (Private Well N7298 and Private Well N7302) for PVOC, Naphthalene, and dissolved Lead analysis. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. Monitoring well MW-1R was surveyed to feet mean sea level.

## **Discussion of Results**

### **Soil Results**

Soil Sample EX-1: Collected at a depth of 3.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.10 ppm), Trimethylbenzenes (4.72 ppm), and Xylene (5.61 ppm).

Soil Sample EX-2: Collected at a depth of 6.0 feet bgs, showed no detects for PVOC and Naphthalene.

Soil Sample EX-3: Collected at a depth of 3.0 feet bgs, showed no detects for PVOC and Naphthalene.

Soil Sample EX-4: Collected at a depth of 6.0 feet bgs, showed detects, but no exceedances for PVOC and Naphthalene.

Soil Sample EX-5: Collected at a depth of 3.0 feet bgs, showed no detects for PVOC and Naphthalene.

Soil Sample EX-6: Collected at a depth of 6.0 feet bgs, showed no detects for PVOC and Naphthalene.

Soil Sample EX-7: Collected at a depth of 3.0 feet bgs, showed an NR720 Groundwater RCL exceedance for Benzene (0.115 ppm).

Soil Sample EX-8: Collected at a depth of 6.0 feet bgs, showed no detects for PVOC and Naphthalene.

Soil Sample EX-9: Collected at a depth of 3.0 feet bgs, showed an NR720 Groundwater RCL exceedance for Benzene (0.111 ppm).

Soil Sample EX-10: Collected at a depth of 6.0 feet bgs, showed no detects for PVOC and Naphthalene.

Soil Sample EX-11: Collected at a depth of 9.0 feet bgs, showed no detects for PVOC and Naphthalene.

### **Groundwater Monitoring Results**

Monitoring Well MW-1R: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzene (50 ppb), Ethylbenzene (790 ppb), Naphthalene (284 ppb), Trimethylbenzenes (1530 ppb), and Xylene (2170 ppb) as well as a NR140 Preventative Action Limit (PAL) exceedance for Lead (3.1 ppb). Groundwater contaminant trends appear to be decreasing following the excavation project.

Monitoring Well MW-2: Currently shows an NR140 Enforcement Standard (ES) exceedance for Trimethylbenzenes (744 ppb) as well as NR140 Preventative Action Limit (PAL) exceedances for Benzene (1.61 ppb) and Naphthalene (63 ppb). Groundwater contaminant trends appear to be decreasing, however the Trimethylbenzenes did spike back up above NR140 ES levels, but are still lower than the levels found in the first two rounds of groundwater sampling.

Monitoring Well MW-3: Currently shows detects, but no exceedances for PVOC and Naphthalene.

Monitoring Well MW-4: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzene (108 ppb), Naphthalene (138 ppb), and Trimethylbenzenes (1830 ppb) as well as NR140 Preventative Action Limit (PAL) exceedances for Lead (3.1 ppb), Ethylbenzene (450 ppb), and Xylene (1205 ppb). Groundwater contaminant trends appear to be stable to decreasing.

Monitoring Well MW-5: Currently shows NR140 Preventative Action Limit (PAL) exceedances for Benzene (1.8 ppb), Naphthalene (17 ppb), and Trimethylbenzenes (261 ppb). Groundwater contaminant trends appear to be slightly increasing, but are still at NR140 PAL levels.

Private Well N7298 (Source): Currently shows no detects for PVOC and Naphthalene.

Private Well N7302 (Café – new): Currently shows no detects for PVOC and Naphthalene.

### **Conclusions**

Three post-excavation groundwater monitoring events remain of the approved workscope with the next sampling event scheduled for late February 2019.

An Updated Site Layout Map, Soil Excavation Map, Groundwater Flow Map, Soil Contamination Map, Groundwater Contamination Map, Data Tables, Waste Disposal Documents, Well Abandonment Form, Well Construction Form, Well Development Form, Soil Boring Log, and Laboratory Documents have been attached.

If you have any questions or comments please feel free to call (608-781-8879) or email at [jasonp@metcohq.com](mailto:jasonp@metcohq.com).

Sincerely,



Jason T. Powell  
Staff Scientist

Attachments

c: Tina Klitzke – Client

N7301 POTABLE WELL LOCATION

NEW WELL

OLD WELL

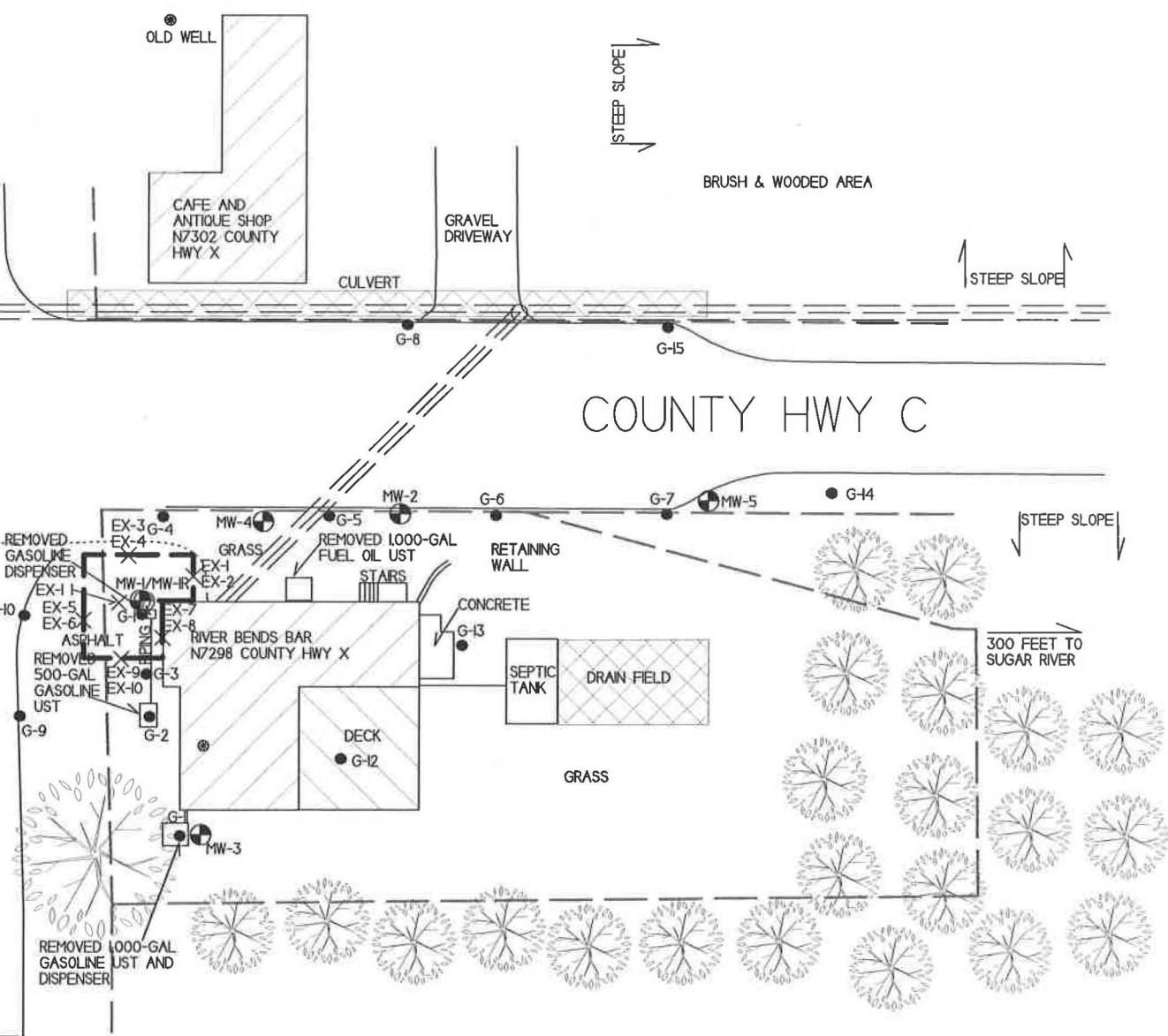
CAFE AND ANTIQUE SHOP  
N7302 COUNTY HWY X

DALLMAN STREET

COUNTY HWY X

COUNTY HWY C

RESIDENCE  
N7299 COUNTY HWY X  
  
POTABLE WELL LOCATION UNKNOWN

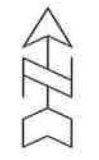


**SITE LAYOUT MAP**  
**RIVER BENDS BAR**

**ATTICA, WISCONSIN**

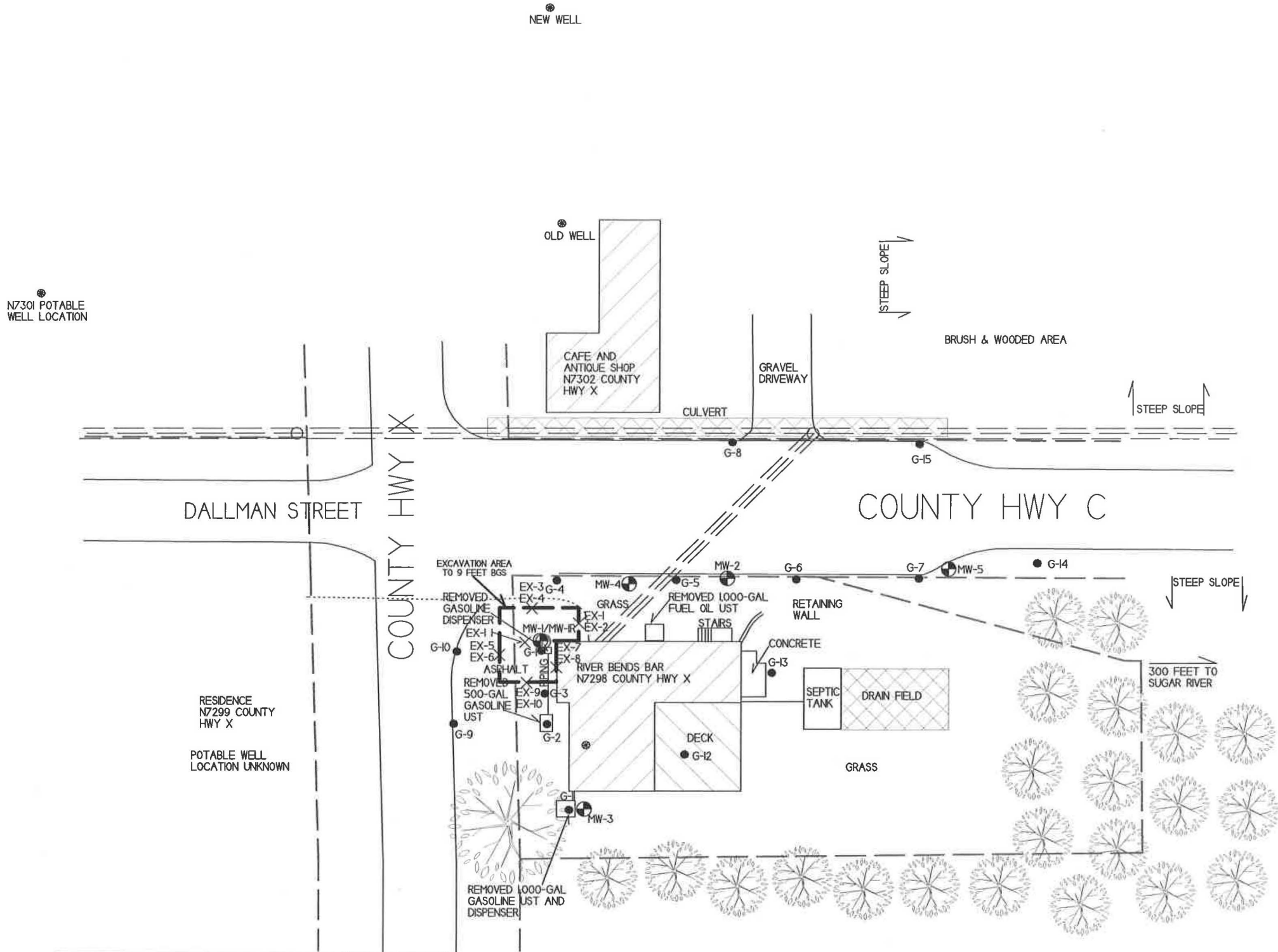
**METCO**  
709 Gillette Street, Suite 3  
Le Crosse, WI 54603  
Tel: (608) 781-8879  
Fax: (608) 781-8853

DRAWN BY: ED  
DATE: 07/17/2012



- NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- - GEOPROBE BORING LOCATION
  - ⊙ - POTABLE WELL LOCATION
  - ⊕ - MONITORING WELL LOCATION
  - ⊖ - ABANDONED MONITORING WELL LOCATION
  - ✕ - EXCAVATION SOIL SAMPLE (09/24/18)
  - ≡≡≡≡ - OVERHEAD LINES
  - - TELEPHONE LINE
  - - SEPTIC LINE
  - - PROPERTY LINE
  - - EXCAVATION AREA (METCO, SEPTEMBER 2018)
- SCALE:  
1 INCH = 40 FEET
- 0 20 40

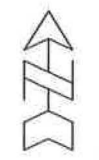




**SOIL EXCAVATION MAP**

**RIVER BENDS BAR**

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 METCO 709 Gillette Street, Suite 3  
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 DRAWN BY: ED  
 DATE: 07/17/2022

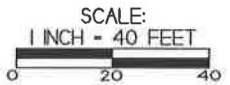


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

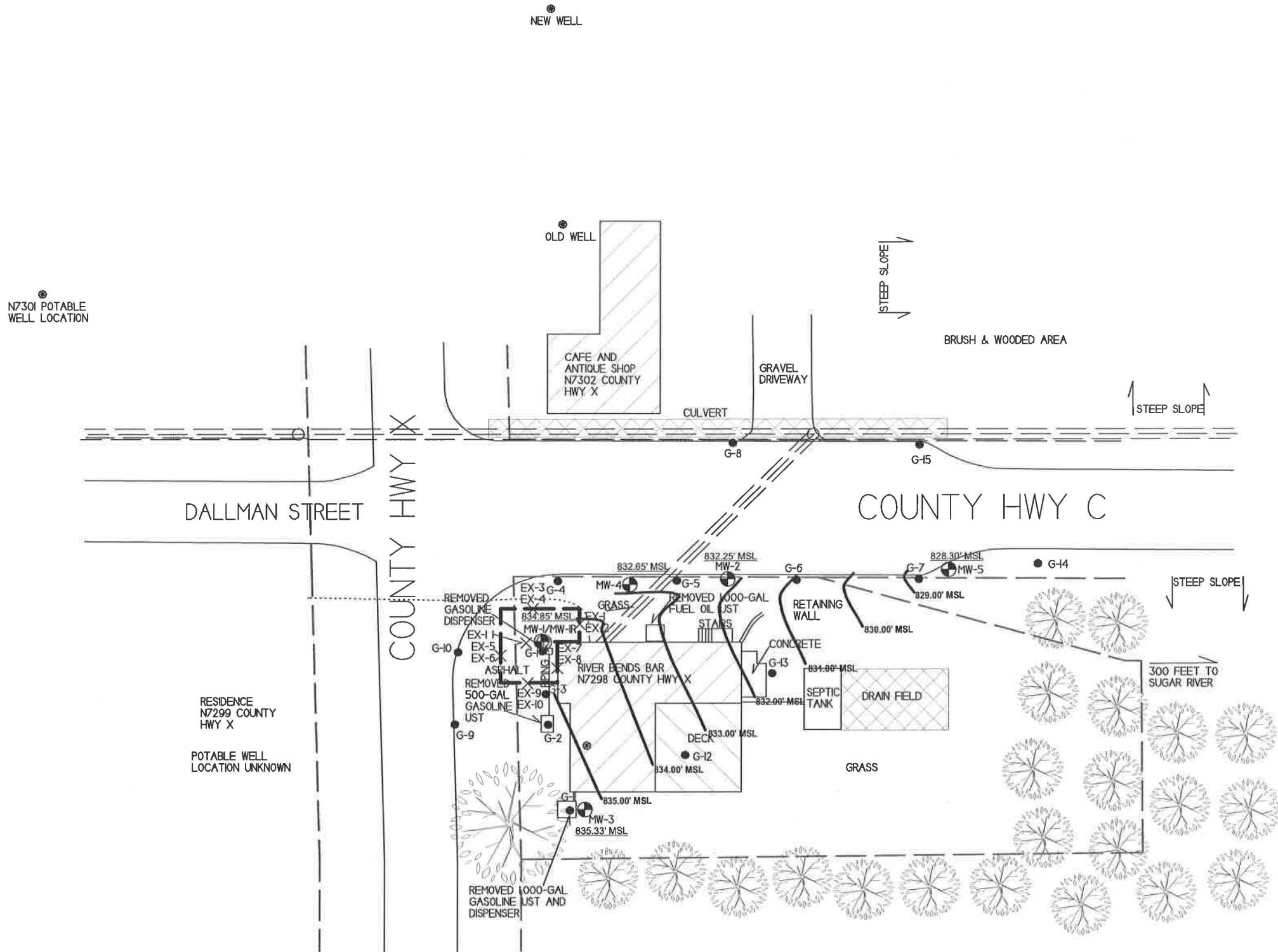
- - GEOPROBE BORING LOCATION
- ⊙ - POTABLE WELL LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊖ - ABANDONED MONITORING WELL LOCATION
- ✕ - EXCAVATION SOIL SAMPLE (09/24/18)

- ==== - OVERHEAD LINES
- - TELEPHONE LINE
- - SEPTIC LINE
- - PROPERTY LINE

EXCAVATION AREA (METCO, SEPTEMBER 2018)



THE EXCAVATION CONDUCTED AT THE PROPERTY ON SEPTEMBER 24, 2018 CONSISTS OF ONE AREA:  
 AREA MEASURES 26 X 24 X 9



B.3.c GROUNDWATER FLOW DIRECTION (11/28/18)  
 RIVER BENDS BAR

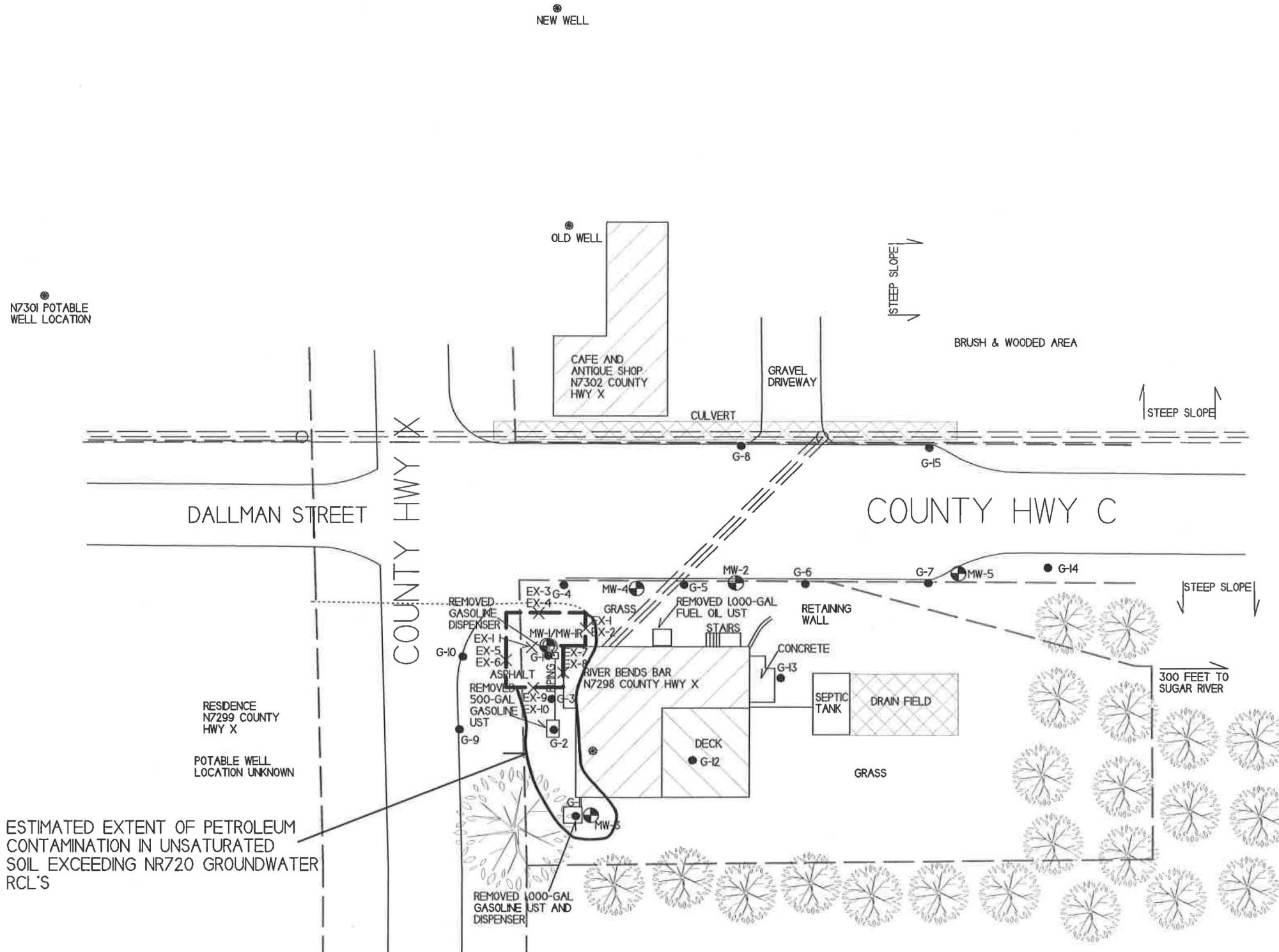
ATTICA, WISCONSIN

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 DATE: 07/17/2018



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- - GEOPROBE BORING LOCATION
  - ⊙ - POTABLE WELL LOCATION
  - ⊕ - MONITORING WELL LOCATION
  - ⊖ - ABANDONED MONITORING WELL LOCATION
  - ✕ - EXCAVATION SOIL SAMPLE (09/24/18)
  - — — — — - OVERHEAD LINES
  - ⋯⋯⋯⋯⋯ - TELEPHONE LINE
  - · — · — · - SEPTIC LINE
  - — — — — - PROPERTY LINE
  - - EXCAVATION AREA (METCO, SEPTEMBER 2018)
- SCALE:  
 1 INCH = 40 FEET
- 0 20 40



ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

B.2.a  
SOIL CONTAMINATION  
RIVER BENDS BAR

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ATTICA,  
WISCONSIN

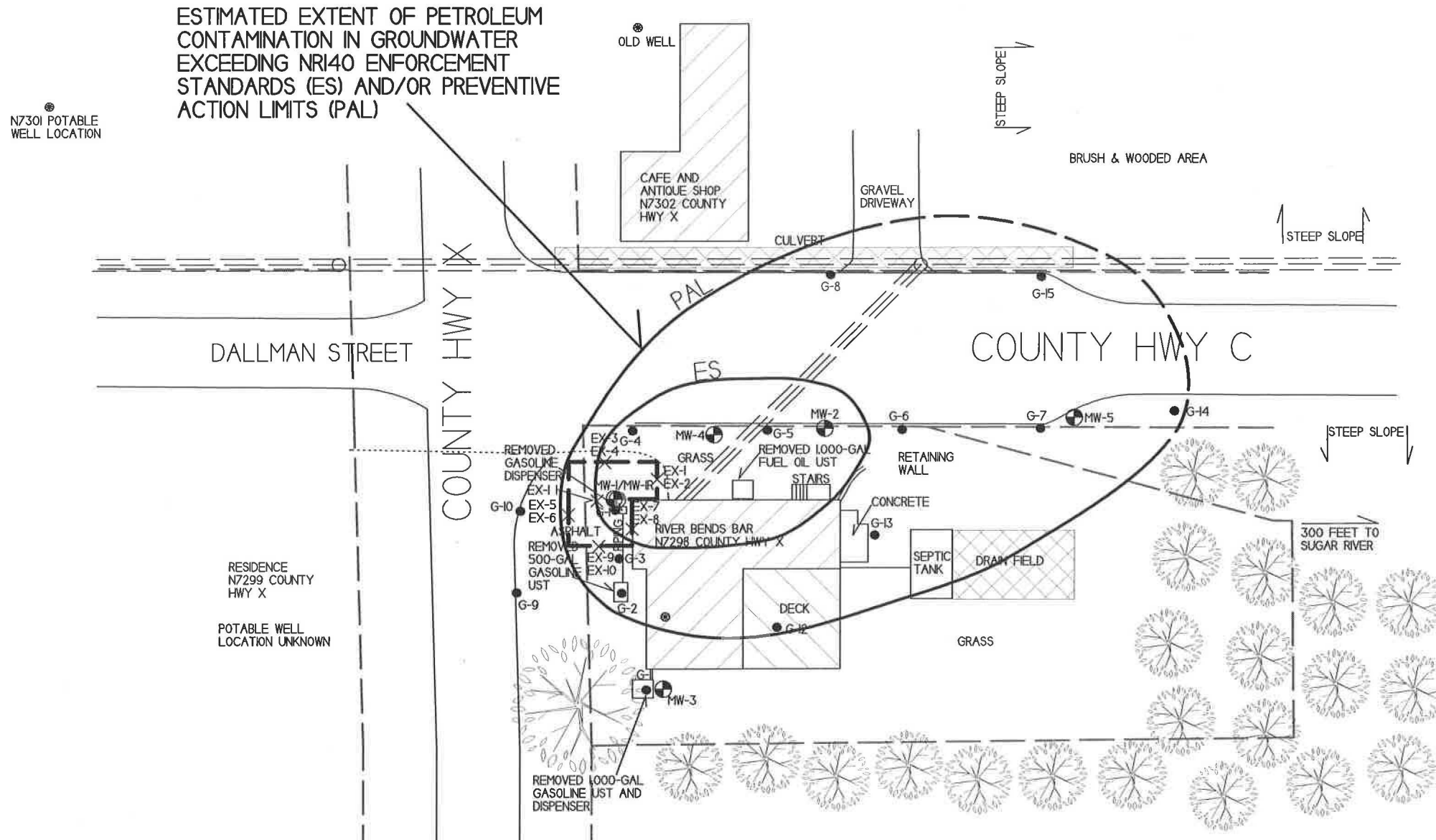
DRAWN BY: ED  
DATE: 07/17/2002

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- - GEOPROBE BORING LOCATION
- ⊙ - POTABLE WELL LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊖ - ABANDONED MONITORING WELL LOCATION
- ✕ - EXCAVATION SOIL SAMPLE (09/24/18)

- OVERHEAD LINES  
 - TELEPHONE LINE  
 - SEPTIC LINE  
 - PROPERTY LINE  
 - EXCAVATION AREA (METCO, SEPTEMBER 2018)

SCALE:  
1 INCH = 40 FEET

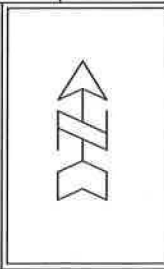


B.3.b GROUNDWATER ISOCONCENTRATION (11/28/18)  
RIVER BENDS BAR

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DRAWN BY: ED  
DATE: 07/17/2012



- NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- - GEOPROBE BORING LOCATION
  - ⊙ - POTABLE WELL LOCATION
  - ⊕ - MONITORING WELL LOCATION
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  - — — — — - OVERHEAD LINES
  - ⋯⋯⋯⋯⋯ - TELEPHONE LINE
  - · — · — · - SEPTIC LINE
  - — — — — - PROPERTY LINE
  - - EXCAVATION AREA (METCO, SEPTEMBER 2018)
- SCALE:  
1 INCH = 40 FEET
-

A.2. Soil Analytical Table  
River Bends Bar LUST Site BRRT's# 03-23-198810

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppm)	PVOC		
																	Individual Exceedance Count	Hazard Index	Cumulative Cancer Risk
G-1-1	3.5	U	09/05/12	400	34	NS	6400	<b>6</b>	<b>320</b>	<1.250	<b>63</b>	<b>410</b>	<b>490*</b>	<b>163</b>	<b>1400*</b>	NS	<b>5</b>	4.073E+00	5.5E-05
G-1-2	7.5	U	09/05/12	400	NS	NS	6900	<b>4.7</b>	<b>330</b>	<1.250	<b>69</b>	<b>240</b>	<b>540*</b>	<b>182*</b>	<b>1380*</b>	NS			
G-1-3	12.0	S	09/05/12	300	NS	NS	2990	<b>2.84</b>	<b>125</b>	<0.500	<b>21.6</b>	<b>120</b>	<b>180</b>	<b>65</b>	<b>446*</b>	NS			
G-1-4	16.0	S	09/05/12	300	NS	NS	1150	<b>1.92</b>	<b>34</b>	<0.250	<b>9.5</b>	<b>68</b>	<b>57</b>	<b>21.7</b>	<b>128</b>	NS			
G-1-5	20.0	S	09/05/12	400	NS	NS	<10	<0.025	0.061	<0.025	<0.025	0.041	0.130	0.064	0.189	NS			
G-1-6	24.0	S	09/05/12	100	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-1-7	28.0	S	09/05/12	50	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-2-1	3.5	U	09/05/12	50	35	NS	<10	<0.025	<0.025	<0.025	<0.025	0.0256	<0.025	<0.025	<0.075	NS	0	0.00E+000	0.0E+00
G-2-2	8.0	U	09/05/12	550	12	NS	1340	<0.089	<b>3.16</b>	<0.120	<b>2.64</b>	<0.500	<b>50</b>	<b>18</b>	<b>13.5</b>	SEE VOC SPREAD-SHEET			
G-2-3	12.0	S	09/05/12	350	NS	NS	175	<b>0.302</b>	0.131	<0.025	<0.025	<0.025	0.320	1.03	0.910	NS			
G-3-1	3.5	U	09/06/12	NS	7.6	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+000	0.0E+00
G-3-2	8.0	U	09/06/12	NS	NS	NS	930	<b>0.400</b>	1.27	<0.250	<b>1.92</b>	0.640	<b>10.5</b>	<b>17.7</b>	<b>9.97</b>	NS			
G-3-3	12.0	S	09/06/12	NS	NS	NS	<b>530</b>	<0.250	0.295	<0.250	<0.250	0.350	<b>5</b>	<b>4.1</b>	<b>2.88</b>	NS			
G-4-1	3.5	U	09/06/12	NS	2.9	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+000	0.0E+00
G-4-2	8.0	U	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-4-3	12.0	S	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-4-4	20.0	S	09/06/12	NS	NOT SAMPLED											NS			
G-4-5	24.0	S	09/06/12	0	NOT SAMPLED											NS			
G-4-6	28.0	S	09/06/12	0	NOT SAMPLED											NS			
G-5-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
G-5-2	8.0	U	09/06/12	NS	NOT SAMPLED											NS			
G-5-3	12.0	S	09/06/12	NS	NS	NS	1540	<b>0.430</b>	<b>32</b>	<0.250	<b>9.1</b>	<b>4.2</b>	<b>85</b>	<b>23.7</b>	<b>118.9</b>	NS			
G-6-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
G-6-2	--		09/06/12	NO RECOVERY											NS				
G-6-3	12.0	S	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-7-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
G-7-2	--		09/06/12	NO RECOVERY											NS				
G-7-3	12.0	S	09/06/12	NS	NS	NS	17	<0.025	0.380	<0.025	0.085	0.048	0.830	0.320	1.21	NS			
G-7-4	20.0	S	09/06/12	NS	NOT SAMPLED											NS			
G-8-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
G-8-2	8.0	U	09/06/12	NS	NOT SAMPLED											NS			
G-8-3	10-15	S	09/06/12	NS	NOT SAMPLED											NS			
G-9-1	3.5	U	09/06/12	NS	10	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+000	0.0E+00
G-9-2	9.0	U	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-9-3	15.0	S	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-10-1	3.5	U	09/06/12	NS	10	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+000	0.0E+00
G-10-2	9.0	U	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-10-3	12.0	S	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-11-1	3.5	U	09/06/12	NS	<b>72</b>	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	1.80E-01	0.0E+00
G-11-2	8.0	S	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-11-3	12.0	S	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-12-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
G-12-2	8.0	U	09/06/12	NS	NOT SAMPLED											NS			
G-12-3	12.0	S	09/06/12	NS	NS	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-13-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
G-13-2	8.0	S	09/06/12	NS	NOT SAMPLED											NS			
G-13-3	12.0	S	09/06/12	NS	NOT SAMPLED											NS			
G-14-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
<b>Groundwater RCL</b>					<b>27</b>	-	-	<b>0.00512</b>	<b>1.57</b>	<b>0.027</b>	<b>0.6582</b>	<b>1.11</b>	<b>1.38</b>		<b>3.96</b>	-			
<b>Non-Industrial Direct Contact RCL</b>					<b>400</b>	-	-	<b>1.6</b>	<b>8.02</b>	<b>63.8</b>	<b>5.52</b>	<b>818</b>	<b>219</b>	<b>182</b>	<b>258</b>	-		1.00E+00	1.00E-05
<b>Industrial Direct Contact RCL</b>					<b>(800)</b>	-	-	<b>(7.07)</b>	<b>(35.4)</b>	<b>(282)</b>	<b>(24.1)</b>	<b>(818)</b>	<b>(219)</b>	<b>(182)</b>	<b>(258)</b>	-		1.00E+00	1.00E-05
<b>Soil Saturation Concentration (C-sat)*</b>					-	-	-	<b>1820*</b>	<b>480*</b>	<b>8870*</b>	-	<b>818*</b>	<b>219*</b>	<b>182*</b>	<b>258*</b>	-			

**Bold = Groundwater RCL Exceedance**

**Bold & Underline = Non Industrial Direct Contact RCL Exceedance**

**(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance**

**Bold & Asteric \* = C-sat Exceedance**

*Italics = Industrial Direct Contact RCL*

NS = Not Sampled

(ppm) = parts per million

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

PID = Photoionization Detector

PVOC's = Petroleum Volatile Organic Compounds

VOC's = Volatile Organic Compounds

NM = Not Measured

ND = No Detects

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)



A.2. Soil Analytical Table  
River Bends Bar LUST Site BRRT's# 03-23-198810

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppm)	PVOC		
																	Individual Exceedance Count	Hazard Index	Cumulative Cancer Risk
G-14-2	8.0	U	09/06/12	NS	NOT SAMPLED											NS			
G14-3	12.0	S	09/06/12	NS	NOT SAMPLED											NS			
G-14-4	15.0	S	09/06/12	NS	NS	NS	32	0.044	0.870	<0.025	1.11	0.042	3.8	1.21	3.044	NS			
G-14-5	16-20	S	09/06/12	NS	NOT SAMPLED											NS			
G-15-1	3.5	U	09/06/12	NS	NOT SAMPLED											NS			
G-15-2	8.0	U	09/06/12	NS	NOT SAMPLED											NS			
G-15-3	12.0	S	09/06/12	NS	NS	NS	34	0.304	2.88	<0.025	0.780	0.133	1.83	0.650	12	NS			
G-15-4	12-16	S	09/06/12	NS	NOT SAMPLED											NS			
MW-1-1	3.5	U	06/11/13	2160	NOT SAMPLED											NS			
MW-1-2	8.0	U	06/11/13	2430	NOT SAMPLED											NS			
MW-1-3	12.0	S	06/11/13	760	NOT SAMPLED											NS			
MW-1-4	12-16	S	06/11/13	710	NOT SAMPLED											NS			
MW-2-1	3.5	U	06/11/13	0	NOT SAMPLED											NS			
MW-2-2	8.0	U	06/11/13	920	NOT SAMPLED											NS			
MW-2-3	12.0	S	06/11/13	750	NOT SAMPLED											NS			
MW-2-4	16.0	S	06/11/13	20	NOT SAMPLED											NS			
MW-3-1	3.5	U	06/11/13	0	NOT SAMPLED											NS			
MW-3-2	7.0	U	06/11/13	15	NS	NS	3500	4	4.3	<1.250	60	2.44	350*	164	283*	NS			
MW-3-3	10.0	S	06/11/13	1100	NS	NS	229	0.510	4.5	<0.250	5.5	0.720	23.2	9	344*	NS			
MW-3-4	16.0	S	06/11/13	980	NOT SAMPLED											NS			
MW-4-1	2.5	U	04/25/17	4.1	NOT SAMPLED											NS			
MW-4-2	8.0	S	04/25/17	13	NOT SAMPLED											NS			
MW-4-3	10.0	S	04/25/17	1497	NS	NS	NS	0.253	32	<0.25	12.1	7.4	90	35	101.5	NS			
MW-4-4	14.0	S	04/25/17	1568	NOT SAMPLED											NS			
MW-5-1	3.5	U	04/25/17	3.6	NOT SAMPLED											NS			
MW-5-2	8.0	S	04/25/17	8.9	NOT SAMPLED											NS			
MW-5-3	12.0	S	04/25/17	36	NOT SAMPLED											NS			
MW-5-4	16.0	S	04/25/17	94.1	NS	NS	NS	<0.025	0.313	<0.025	0.39	0.070	2.81	0.96	0.964	NS			
EX-1	3.0	U	09/24/18	NM	NS	NS	NS	0.10	1.28	<0.025	0.62	0.73	3.5	1.22	5.61	NS	0	0.0247	3.3E-07
EX-2	6.0	U	09/24/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-3	3.0	U	09/24/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-4	6.0	U	09/24/18	NM	NS	NS	NS	<0.025	0.05	<0.025	0.039	0.036	0.145	0.057	0.26	NS			
EX-5	3.0	U	09/24/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-6	6.0	U	09/24/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-7	3.0	U	09/24/18	NM	NS	NS	NS	0.115	0.061	<0.025	0.0299	0.056	0.129	0.054	0.271	NS	0	0.0021	8.5E-08
EX-8	6.0	U	09/24/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.0253	<0.025	<0.025	<0.025	<0.075	NS			
EX-9	3.0	U	09/24/18	NM	NS	NS	NS	0.111	0.061	<0.025	0.058	0.052	0.144	0.057	0.275	NS	0	0.0023	8.7E-08
EX-10	6.0	U	09/24/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-11	9.0	U	09/24/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-1R	NM	NS	11/05/18		BLIND DRILLED														
<b>Groundwater RCL</b>					<b>27</b>	-	-	<b>0.00512</b>	<b>1.57</b>	<b>0.027</b>	<b>0.6582</b>	<b>1.11</b>	<b>1.38</b>	<b>3.96</b>	-				
<b>Non-Industrial Direct Contact RCL</b>					<b>400</b>	-	-	<b>1.6</b>	<b>8.02</b>	<b>63.8</b>	<b>5.52</b>	<b>818</b>	<b>219</b>	<b>182</b>	<b>258</b>	-		1.00E+00	1.00E-05
<b>Industrial Direct Contact RCL</b>					<b>(800)</b>	-	-	<b>(7.07)</b>	<b>(35.4)</b>	<b>(282)</b>	<b>(24.1)</b>	<b>(818)</b>	<b>(219)</b>	<b>(182)</b>	<b>(258)</b>	-		1.00E+00	1.00E-05
<b>Soil Saturation Concentration (C-sat)*</b>					-	-	-	<b>1820*</b>	<b>480*</b>	<b>8870*</b>	-	<b>818*</b>	<b>219*</b>	<b>182*</b>	<b>258*</b>	-			

**Bold** = Groundwater RCL Exceedance  
**Bold & Underline** = Non Industrial Direct Contact RCL Exceedance  
**(Bold & Parentheses)** = Industrial Direct Contact RCL Exceedance  
**Bold & Asteric \*** = C-sat Exceedance  
*Italics* = Industrial Direct Contact RCL  
 NS = Not Sampled  
 (ppm) = parts per million  
 DRO = Diesel Range Organics  
 GRO = Gasoline Range Organics  
 PID = Photoionization Detector  
 PVOC's = Petroleum Volatile Organic Compounds  
 VOC's = Volatile Organic Compounds  
**Note: Non-Industrial RCLs apply to this site.**

NM = Not Measured  
 ND = No Detects

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)  
 S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

**A.1 Groundwater Analytical Table**  
**River Bends Bar LUST Site BRRT's# 03-23-198810**

**Well MW-1/1R** MW-1R 841.86  
**PVC Elevation =** 841.81 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
07/11/13	834.00	7.81	<b>33.4</b>	<b>620</b>	<b>5000</b>	<11.5	<b>1050</b>	<b>10000</b>	<b>5940</b>	<b>19700</b>
10/15/13	832.78	9.03	<b>20.2</b>	<b>890</b>	<b>3600</b>	<18.5	<b>680</b>	<b>7200</b>	<b>3120</b>	<b>13200</b>
05/04/17	834.92	6.89	<b>17.9</b>	<b>330</b>	<b>3050</b>	<8.6	<b>600</b>	<b>4900</b>	<b>3110</b>	<b>12700</b>
08/03/17	835.00	6.81	<b>15.2</b>	<b>260</b>	<b>4400</b>	<41	<b>850</b>	<b>6900</b>	<b>4640</b>	<b>17500</b>
09/24/18	ABANDONED AND REMOVED DURING EXCAVATION PROJECT									
11/15/18	MW-1 REPLACED WITH MW-1R									
11/28/18	834.85	7.01	3.1	<b>50</b>	<b>790</b>	<28.5	<b>284</b>	141	<b>1530</b>	<b>2170</b>
ENFORCE MENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <b>PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-2**  
**PVC Elevation =** 839.57 (feet) (MSL)  
*Re-surveyed PVC top:* 839.23 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
07/11/13	831.78	7.79	5.8	<12	122	<11.5	<b>900</b>	<34.5	<b>2030</b>	710
10/15/13	830.74	8.83	<b>17.7</b>	<13.5	<b>380</b>	<18.5	<b>700</b>	60	<b>2110</b>	1760
05/04/17	832.64	6.59	<0.9	1.75	22.6	<0.43	38	2.3	387	143
08/03/17	832.64	6.59	1.2	0.97	10.6	<0.43	13.1	1.03	142.9	46.8
11/28/18	832.25	6.98	1.0	1.61	41	<0.57	63	3.8	<b>744</b>	261
ENFORCE MENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <b>PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-3**  
**PVC Elevation =** 840.56 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
07/11/13	835.04	5.52	<0.7	<0.24	81	<0.23	79	17.2	452	734
10/15/13	833.89	6.67	<0.7	<2.7	114	<3.7	<b>137</b>	12.8	<b>1120</b>	929
05/04/17	835.96	4.60	3.4	0.87	2.57	<0.43	7.6	<0.33	4.2-4.78	3.5-4.11
08/03/17	836.03	4.53	<0.9	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
11/28/18	835.33	5.23	<0.8	0.38	1.27	<0.57	<1.7	<0.45	2.39-3.14	<1.58
ENFORCE MENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <b>PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).



**A.1 Groundwater Analytical Table**  
**River Bends Bar LUST Site BRRT's# 03-23-198810**

**Well MW-4**

PVC Elevation = 840.54 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/04/17	833.15	7.39	15.7	85	480	<8.2	90	209	2460	1970
08/03/17	833.13	7.41	2.8	340	1110	<16.4	169	390	2530	3110
11/28/18	832.65	7.89	3.1	108	450	<5.7	138	131	1830	1205
ENFORCEMENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <i>PAL = Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**Well MW-5**

PVC Elevation = 835.62 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/04/17	829.24	6.38	<0.9	0.99	6.3	<0.82	12	1.31	102	108.3
08/03/17	828.88	6.74	<0.9	0.73	6.4	<0.82	5.8	0.69	42.7	28.04
11/28/18	828.30	7.32	<0.8	1.8	25.3	<0.57	17	2.93	261	198
ENFORCEMENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <i>PAL = Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**Private Well – N7298 Source**

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
09/06/12	NM	NM	NS	< 0.24	< 0.31	< 0.34	< 0.16	< 0.14	< 0.242	<0.97
07/11/13	NM	NM	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/15/13	NM	NM	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
05/04/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
08/03/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
11/28/18	NM	NM	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
ENFORCEMENT STANDARD <b>ES = Bold</b>			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT <i>PAL = Italics</i>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**A.1 Groundwater Analytical Table**  
**River Bends Bar LUST Site BRRT's# 03-23-198810**

**Private Well – N7302 Café (old)**

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
07/11/13	NM	NM	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/15/13	NM	NM	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
<b>ENFORCEMENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Private Well – N7302 Café (new)**

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
05/04/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
08/03/17	NM	NM	NS	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
11/28/18	NM	NM	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
<b>ENFORCEMENT STANDARD ES = Bold</b>			15	5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			1.5	0.5	140	12	10	160	96	400

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**A.6 Water Level Elevations**  
**River Bends Bar LUST Site BRRRT's# 03-23-198810**  
**Attica, Wisconsin**

	<b>MW-1</b>	<b>MW-1R</b>	<b>MW-2</b>	<b>MW-3</b>	<b>MW-4</b>	<b>MW-5</b>
<b>Ground Surface (feet msl)</b>	842.24	842.06	839.60	840.98	840.93	836.04
<b>PVC top (feet msl)</b>	841.81	841.86	839.57	840.56	840.54	835.62
<b>Re-surveyed 5-4-17 PVC top (feet msl)</b>			839.23			
<b>Well Depth (feet)</b>	16.00	16.00	16.00	16.00	15.00	14.00
<b>Top of screen (feet msl)</b>	836.24	836.06	833.60	834.98	835.93	832.04
<b>Bottom of screen (feet msl)</b>	826.24	826.06	823.60	824.98	825.93	822.04
<b>Depth to Water From Top of PVC (feet)</b>						
<b>07/11/13</b>	7.81	NI	7.79	5.52	NI	NI
<b>10/15/13</b>	9.03	NI	8.83	6.67	NI	NI
<b>05/04/17</b>	6.89	NI	6.59	4.60	7.39	6.38
<b>08/03/17</b>	6.81	NI	6.59	4.53	7.41	6.74
<b>11/28/18</b>	A	7.01	6.98	5.23	7.89	7.32
<b>Depth to Water From Ground Surface (feet)</b>						
<b>07/11/13</b>	8.24	NI	7.82	5.94	NI	NI
<b>10/15/13</b>	9.46	NI	8.86	7.09	NI	NI
<b>05/04/17</b>	7.32	NI	6.62	5.02	7.78	6.80
<b>08/03/17</b>	7.24	NI	6.62	4.95	7.80	7.16
<b>11/28/18</b>	A	7.21	7.01	5.65	8.28	7.74
<b>Groundwater Elevation (feet msl)</b>						
<b>07/11/13</b>	834.00	NI	831.78	835.04	NI	NI
<b>10/15/13</b>	832.78	NI	830.74	833.89	NI	NI
<b>05/04/17</b>	834.92	NI	832.64	835.96	833.15	829.24
<b>08/03/17</b>	835.00	NI	832.64	836.03	833.13	828.88
<b>11/28/18</b>	A	834.85	832.25	835.33	832.65	828.30

Note: Elevations are presented in feet mean sea level (msl).

A = Abandoned and removed during remedial/excavation project

NI = Not Installed

**A.7 Other**  
**Groundwater NA Indicator Results**  
**River Bends Bar LUST Site BRR's# 03-23-198810**

**Well MW-1/1R**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp ( C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
07/11/13	0.08	6.95	-53	13.4	1664	<0.1	7.75	0.97	1120
10/15/13	0.15	6.9	-77	14.6	1372	NS	NS	NS	NS
05/04/17	1.03	6.97	171	10.6	1529	NS	NS	NS	NS
08/03/17	0.95	6.88	-64	16.6	1433	NS	NS	NS	NS
09/24/18	ABANDONED AND REMOVED DURING EXCAVATION PROJECT								
11/05/18	MW-1 REPLACED WITH MW-1R								
11/28/18	3.11	6.73	-81.4	9.98	787	NS	NS	NS	NS
ENFORCE MENT STANDARD = <b>ES - Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-2**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp ( C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
07/11/13	0.14	6.79	-42	14.8	688	0.57	12.2	0.74	678
10/15/13	0.21	6.8	-87	14.5	1592	NS	NS	NS	NS
05/04/17	1.46	7.12	211	10.4	633	NS	NS	NS	NS
08/03/17	1.92	6.74	69	16.3	1389	NS	NS	NS	NS
11/28/18	3.17	6.67	-51.5	9.0	1006	NS	NS	NS	NS
ENFORCE MENT STANDARD = <b>ES - Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-3**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp ( C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
07/11/13	3.27	7.00	82	12.7	634	5.45	19.8	<0.06	394
10/15/13	0.44	6.91	-13	13.8	746	NS	NS	NS	NS
05/04/17	1.87	6.86	269	10.9	1426	NS	NS	NS	NS
08/03/17	2.60	6.56	97	16.0	479	NS	NS	NS	NS
11/28/18	3.14	7.02	20.0	9.49	609	NS	NS	NS	NS
ENFORCE MENT STANDARD = <b>ES - Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-4**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp ( C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
05/04/17	1.63	7.05	313	10.2	838	NS	NS	NS	NS
08/03/17	3.68	7.59	103	15.9	416	NS	NS	NS	NS
11/28/18	3.01	7.18	-185.6	10.82	1062	NS	NS	NS	NS
ENFORCE MENT STANDARD = <b>ES - Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**Well MW-5**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp ( C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
05/04/17	2.63	6.5	369	10.6	1707	NS	NS	NS	NS
08/03/17	5.72	7.36	259	15.6	827	NS	NS	NS	NS
11/28/18	3.01	6.87	-148.2	10.79	3217	NS	NS	NS	NS
ENFORCE MENT STANDARD = <b>ES - Bold</b>						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured  
 Note: Elevations are presented in feet mean sea level (msl).

**DKS CONSTRUCTION SERVICES, INC**

2520 WILSON STREET  
 MENOMONIE, WI 54751

**Invoice**

Date	Invoice #
9/26/2018	3568

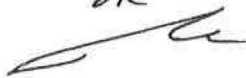
Bill To

METCO  
 In Care of Tina Klitzke  
 709 GILLETTE ST  
 LACROSSE, WI 54603

P.O. No.	Terms	Due Date	Project
	Net 30	10/26/2018	

Quantity	Description	Rate	Amount
1	Mobilization	2,200.00	2,200.00
231.1	Excavation	5.00	1,155.50
231.1	Hauling	18.00	4,159.80
231.1	Soil Disposal	30.00	6,933.00
187.1	Fill	14.00	2,619.40
44	Gravel	18.00	792.00
231.1	Backfill & Compaction	3.50	808.85
	Jobsite: River Bend Bar, Attica, WI WI & Dunn Sales Tax	5.50%	0.00

*Excavation Disposal Project  
 Reviewed 9/27/18  
 OK*



Phone # 715-235-2600

**Total** \$18,668.55

A 1.5% Interest fee may be charged to invoices past Due Date stated on the invoice. Interest charges may be billed on first day past Due Date on invoice.

**Detail Customer Activity Report**

September 24, 2018 to September 24, 2018

\* - Confirmed Qty Applied to Billing

All Ticket Types  
History and Waiting

*River Bend Bar AREA W/F*

Specific Customer(s) : 100053  
All Facilities

100053- DKS CONSTRUCTION SERVICES

Ticket Date	Facility & Ticket Number	Contract	Truck #	Container	Material	Billing Quantity	Material Total	Tax Total	Total
09/24/2018 I 01	1144992	BMRL2018-031 RBB	DKS28	<i>LEV</i>	SW-CONT SOIL W/FUEL	22.88 TN		\$0.00	
09/24/2018 I 01	1144993	BMRL2018-031 RBB	DKS221	<i>Madaw</i>	SW-CONT SOIL W/FUEL	22.05 TN		\$0.00	
09/24/2018 I 01	1144996	BMRL2018-031 RBB	DK12	<i>Madaw</i>	SW-CONT SOIL W/FUEL	22.87 TN		\$0.00	
09/24/2018 I 01	1144997	BMRL2018-031 RBB	DKS87	<i>Boxer</i>	SW-CONT SOIL W/FUEL	24.26 TN		\$0.00	
09/24/2018 I 01	1145015	BMRL2018-031 RBB	BWHITE	<i>Foss</i>	SW-CONT SOIL W/FUEL	19.87 TN		\$0.00	
09/24/2018 I 01	1145040	BMRL2018-031 RBB	DKS221	<i>Madaw</i>	SW-CONT SOIL W/FUEL	25.83 TN		\$0.00	
09/24/2018 I 01	1145041	BMRL2018-031 RBB	DKS28	<i>LEV</i>	SW-CONT SOIL W/FUEL	23.62 TN		\$0.00	
09/24/2018 I 01	1145044	BMRL2018-031 RBB	BWHITE	<i>Box</i>	SW-CONT SOIL W/FUEL	21.06 TN		\$0.00	
09/24/2018 I 01	1145057	BMRL2018-031 RBB	DKS12	<i>Madaw</i>	SW-CONT SOIL W/FUEL	24.23 TN		\$0.00	
09/24/2018 I 01	1145058	BMRL2018-031 RBB	DKS87	<i>Boxer</i>	SW-CONT SOIL W/FUEL	24.43 TN		\$0.00	

Tickets Reported: 10 Items Reported: 11 Customer Totals: \$0.00

Material Summary	Weight		Volume		Count		Billing Quantity	Material Total	Tax Total	Total
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound				
VH - SW-CONT SOIL W/FUEL	0.00	0.00 TN	0.00	0.00 YD	1.00	0.00			\$0.00	
	231.10	0.00 TN	180.00	0.00 YD	0.00	0.00	231.10 TN		\$0.00	

*Handwritten box around the weight and volume data in the Material Summary table.*

Cash Totals: \$0.00 \$0.00 \$0.00  
Invoice Totals: \$0.00  
Report Totals: \$0.00

Tickets Reported: 10 Items Reported: 11

*Handwritten box containing the text: 231.10 TN*





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

Verification Only of Fill and Seal

Route to:  
 Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>GREEN</b>		WI Unique Well # of Removed Well _____ <b>VN023</b> _____		Hicap #		Facility Name <b>River Bends Bar</b>	
Latitude / Longitude (Degrees and Minutes) <b>42</b> ° <b>46.1933</b> 'N <b>89</b> ° <b>28.8517</b> 'W				Method Code (see instructions)			
Facility ID (FID or PWS) <b>123040280</b>				License/Permit/Monitoring #			
¼ / ¼ NE or Gov't Lot #		¼ NW		Section <b>6</b>		Township <b>3 N 9</b>	
Well Street Address <b>N7298 County Road X</b>		Well ZIP Code <b>53502-</b>		Original Well Owner <b>Tina Klitzke</b>		Present Well Owner <b>Tina Klitzke</b>	
Well City, Village or Town <b>Albany</b>		Well ZIP Code <b>53502-</b>		Mailing Address of Present Owner <b>N6302 Church Road</b>		City of Present Owner <b>Monticello</b>	
Subdivision Name		Lot #		State <b>WI</b>		ZIP Code <b>53570-</b>	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
Reason For Removal From Service <b>Remedial Excavation Project</b>		WI Unique Well # of Replacement Well		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>6/11/2013</b>		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Borehole / Drillhole				Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Other (specify): _____				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) <b>16</b>		Casing Diameter (in.) <b>2</b>		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) <b>8.25</b>		Casing Depth (ft.) <b>2</b>		If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet) <b>7.6</b>		Required Method of Placing Sealing Material	
If yes, to what depth (feet)?				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): <b>Gravity</b>	

5. Material Used To Fill Well / Drillhole		Sealing Materials	
3/8" Medium Chip Bentonite		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry "	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips	
		For Monitoring Wells and Monitoring Well Boreholes Only:	
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
From (ft.)	To (ft.)	Pounds	
Surface	16	25.6	

**6. Comments**  
MW-1 was abandoned and removed during remedial excavation project.

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Jason Powell - METCO</b>		License #	Date of Filling & Sealing (mm/dd/yyyy) <b>9/24/2018</b>	Date Received	Noted By
Street or Route <b>709 Gillette Street, Ste 3</b>			Telephone Number <b>(608) 781-8878</b>	Comments	
City <b>La Crosse</b>		State <b>WI</b>	ZIP Code <b>54603-2382</b>	Signature of Person Doing Work <i>Jason T. Powell</i>	Date Signed <b>10/10/18</b>

Facility/Project Name: River Bends Bar  
 Facility License, Permit or Monitoring No.: \_\_\_\_\_  
 Facility ID: \_\_\_\_\_  
 Type of Well: Well Code 11, MW  
 Distance from Waste/Source: \_\_\_\_\_ ft. Inf. Stds. Apply

Local Grid Location of Well: \_\_\_\_\_ ft. N. \_\_\_\_\_ ft. E. \_\_\_\_\_ ft. W. \_\_\_\_\_ ft. S.  
 Local Grid Origin (estimated: ) or Well Location: \_\_\_\_\_  
 Lat. \_\_\_\_\_ Long. \_\_\_\_\_  
 St. Plane: \_\_\_\_\_ ft. N. \_\_\_\_\_ ft. E. S/C/N \_\_\_\_\_  
 Section Location of Waste/Source: 1/4 of \_\_\_\_\_ 1/4 of Sec. \_\_\_\_\_ T. \_\_\_\_\_ N. R. \_\_\_\_\_  
 Location of Well Relative to Waste/Source: n  Upgradient s  Sidegradient d  Downgradient n  Not Known  
 Gov. Lot Number: \_\_\_\_\_

Well Name: MW-1R  
 Wis. Unique Well No.: WA163 DNR Well ID No.: \_\_\_\_\_  
 Date Well Installed: 11/05/2018  
 Well Installed By: Name (first, last) and Firm: Darrin Prentice Geiss Soil & Samples LLC

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

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

13. Sieve analysis performed?  Yes  No  
 14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99  
 16. Drilling additives used?  Yes  No  
 Describe: \_\_\_\_\_  
 17. Source of water (attach analysis, if required): \_\_\_\_\_

E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 5 ft.  
 F. Fine sand, top \_\_\_\_\_ ft. MSL or 3 ft.  
 G. Filter pack, top \_\_\_\_\_ ft. MSL or 4 ft.  
 H. Screen joint, top \_\_\_\_\_ ft. MSL or 5 ft.  
 I. Well bottom \_\_\_\_\_ ft. MSL or 15 ft.  
 J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 16 ft.  
 K. Borehole, bottom \_\_\_\_\_ ft. MSL or 16 ft.  
 L. Borehole, diameter 8.25 in.  
 M. O.D. well casing 2.40 in.  
 N. I.D. well casing 2.06 in.

1. Cap and lock?  Yes  No  
 2. Protective cover pipe:  
 a. Inside diameter: \_\_\_\_\_ in.  
 b. Length: \_\_\_\_\_ ft.  
 c. Material: Steel  04  
 Other   
 d. Additional protection?  Yes  No  
 If yes, describe: \_\_\_\_\_  
 3. Surface seal: Bentonite  30  
 Concrete  01  
 Other   
 4. Material between well casing and protective pipe: Bentonite  30  
 Other   
 5. Annular space seal: a. Granular/Chipped Bentonite  33  
 b. \_\_\_\_\_ Lbs/gal mud weight... Bentonite-sand slurry  35  
 c. \_\_\_\_\_ Lbs/gal mud weight... Bentonite slurry  31  
 d. \_\_\_\_\_ % Bentonite... Bentonite-cement grout  30  
 e. \_\_\_\_\_ Ft<sup>3</sup> volume added for any of the above  
 f. How installed: Tremie  01  
 Tremie pumped  02  
 Gravity  08  
 6. Bentonite seal: a. Bentonite granules  33  
 b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32  
 c. \_\_\_\_\_ Other   
 7. Fine sand material: Manufacturer, product name & mesh size  
 a. #20 Red Flint  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>  
 8. Filter pack material: Manufacturer, product name & mesh size  
 a. #40 Red Flint  
 b. Volume added \_\_\_\_\_ ft<sup>3</sup>  
 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other   
 10. Screen material: PVC  
 a. Screen type: Factory cut  11  
 Continuous slot  01  
 Other   
 b. Manufacturer Johnson  
 c. Slot size: 0.010 in.  
 d. Slotted length: 1.0 ft.  
 11. Backfill material (below filter pack): None  14  
 Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: Darrin Prentice Firm: Geiss Soil & Samples LLC

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

Route to: Watershed/Wastewater  Waste Management

Remediation/Redevelopment  Other

Facility/Project Name River Bends Bar	County Name GREEN	Well Name MW-1R
Facility License, Permit or Monitoring Number	County Code 23	Wis. Unique Well Number WA163
		DNR Well ID Number

1. Can this well be purged dry?  Yes  No

2. Well development method
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - Other

3. Time spent developing well 40 min.

4. Depth of well (from top of well casing) 15 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 5.3 gal.

7. Volume of water removed from well 25 gal.

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

9. Source of water added                     

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>11.1</u> ft.	<u>13.15</u> ft.
Date	b. <u>11 / 05 / 2018</u>	<u>11 / 5 / 018</u>
Time	c. <u>09 : 50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10 : 30</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.

12. Sediment in well bottom                      inches

13. Water clarity

Clear <input type="checkbox"/> 1 0	Clear <input type="checkbox"/> 2 0
Turbid <input checked="" type="checkbox"/> 1 5	Turbid <input checked="" type="checkbox"/> 2 5
(Describe): <u>Brown</u>	(Describe): <u>Tan</u>

Odor                     

High Turbidity                      Medium Turbidity                     

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

14. Total suspended solids                      mg/l

15. COD                      mg/l

16. Well developed by: Name (first, last) and Firm  
First Name: Kaylin Last Name: Felix  
Firm: METCO

17. Additional comments on development:

MW-1R purged dry 4 times.

Name and Address of Facility Contact /Owner/Responsible Party

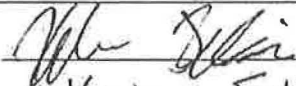
First Name: Tina Last Name: Klitzke

Facility/Firm: Responsible Party

Street: N6302 Church Road

City/State/Zip: Monticello WI 53570-

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

Signature: 

Print Name: Kaylin Felix

Firm: METCO

Route To:

Watershed / Wastewater:  
Remediation / Redevelopment:

Waste Management:  
Other:

Facility / Project Name <b>River Bends Bar</b>		License / Permit / Monitoring Number		Boring Number <b>MW-1R</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm First: Darrin Last: Prentice Firm: Gelss Soil & Samples, LLC			Drilling Date Started 11/05/2018 MM/DD/YYYY	Drilling Date Completed 11/05/2018 MM/DD/YYYY	Drilling Method Geoprobe/H.S.A
WI Unique Well No. <b>WA163</b>	DNR Well ID No. <b>MW-1R</b>	Well Name <b>MW-1R</b>	Final Static Water Level <b>≈837 Feet MSL</b>	Surface Elevation <b>≈845 Feet MSL</b>	Borehole Diameter <b>8"</b>
Local Grid Origin (estimated X) or Boring Location State Plane N, E NE ¼ of NW ¼ of Section 06, T03N, R09E			Local Grid Location Lat 42° 46' 11.6" N Long 89° 28' 51.1" W Feet S Feet W		
Facility ID <b>Green</b>		County <b>Green</b>	County Code <b>23</b>	Civil Town / City / Village <b>Village of Albany</b>	

Sample				Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
			2 4 6 8 10 12 14 16 18 20	Gravel			See Well Construction Form							
				MW-1R blind drilled to 16 ft bgs. Well installed to 15 ft bgs with a 10 ft. screen										

Signature: 

Firm: **METCO**

# Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

TINA KLITZKE  
TINA KLITZKE  
N3602 CHURCH ROAD  
MONTICELLO, WI 53570

Report Date 17-Oct-18

Project Name RIVER BEND BAR  
Project #

Invoice # E35285

Lab Code 5035285A  
Sample ID EX-1  
Sample Matrix Soil  
Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.4	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.10	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	1.28	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	0.62	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	0.73	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	3.5	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	1.22	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	4.0	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	1.61	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1

Project #

Lab Code 5035285B  
 Sample ID EX-2  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.6	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1

Lab Code 5035285C  
 Sample ID EX-3  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.3	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1



## Project #

Lab Code 5035285D  
 Sample ID EX-4  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.4	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	0.05 "J"	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	0.039 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	0.036 "J"	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	0.145	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	0.057	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	0.174	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	0.089	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1

Lab Code 5035285E  
 Sample ID EX-5  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.1	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1



Project #

Lab Code 5035285F  
 Sample ID EX-6  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.0	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1

Lab Code 5035285G  
 Sample ID EX-7  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.5	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.115	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	0.061	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	0.0299 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	0.056	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	0.129	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	0.054	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	0.201	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	0.07	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1

## Project #

Lab Code 5035285H

Sample ID EX-8

Sample Matrix Soil

Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.4	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/11/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/11/2018	CJR	1
Naphthalene	0.0253 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/11/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/11/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/11/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/11/2018	CJR	1

Lab Code 5035285I

Sample ID EX-9

Sample Matrix Soil

Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.6	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.111	mg/kg	0.0095	0.03	1	GRO95/8021		10/12/2018	CJR	1
Ethylbenzene	0.061	mg/kg	0.016	0.05	1	GRO95/8021		10/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/12/2018	CJR	1
Naphthalene	0.058 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/12/2018	CJR	1
Toluene	0.052	mg/kg	0.013	0.041	1	GRO95/8021		10/12/2018	CJR	1
1,2,4-Trimethylbenzene	0.144	mg/kg	0.019	0.06	1	GRO95/8021		10/12/2018	CJR	1
1,3,5-Trimethylbenzene	0.057	mg/kg	0.0096	0.031	1	GRO95/8021		10/12/2018	CJR	1
m&p-Xylene	0.207	mg/kg	0.013	0.042	1	GRO95/8021		10/12/2018	CJR	1
o-Xylene	0.068	mg/kg	0.0062	0.02	1	GRO95/8021		10/12/2018	CJR	1

Project #

Lab Code 5035285J  
 Sample ID EX-10  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	87.5	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/12/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/12/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/12/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/12/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/12/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/12/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/12/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/12/2018	CJR	1

Lab Code 5035285K  
 Sample ID EX-11  
 Sample Matrix Soil  
 Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.9	%			1	5021		10/1/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/12/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/12/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/12/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/12/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/12/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/12/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/12/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/12/2018	CJR	1

Project Name RIVER BEND BAR

Invoice # E35285

Project #

Lab Code 5035285L

Sample ID MEOH BLANK

Sample Matrix Soil

Sample Date 9/24/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/12/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/12/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/12/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/12/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/12/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/12/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/12/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/12/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/12/2018	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code	Comment
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

*Michael Ricker*





# Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

TINA KLITZKE  
TINA KLITZKE  
N3602 CHURCH ROAD  
MONTICELLO, WI 53570

Report Date 07-Dec-18

Project Name RIVER BEND'S BAR  
Project #

Invoice # E35547

Lab Code 5035547A  
Sample ID PW-N7298  
Sample Matrix Water  
Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		11/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		12/1/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		12/1/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		12/1/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		12/1/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		12/1/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		12/1/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		12/1/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		12/1/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		12/1/2018	CJR	1



Project Name RIVER BEND'S BAR  
 Project #

Invoice # E35547

Lab Code 5035547B  
 Sample ID PW-N7302  
 Sample Matrix Water  
 Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		11/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		12/1/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		12/1/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		12/1/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		12/1/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		12/1/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		12/1/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		12/1/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		12/1/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		12/1/2018	CJR	1

Lab Code 5035547C  
 Sample ID MW-3  
 Sample Matrix Water  
 Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		11/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	0.38 "J"	ug/l	0.22	0.69	1	GRO95/8021		12/1/2018	CJR	1
Ethylbenzene	1.27 "J"	ug/l	0.53	1.69	1	GRO95/8021		12/1/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		12/1/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		12/1/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		12/1/2018	CJR	1
1,2,4-Trimethylbenzene	2.39	ug/l	0.73	2.33	1	GRO95/8021		12/1/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		12/1/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		12/1/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		12/1/2018	CJR	1

## Project #

Lab Code 5035547D  
 Sample ID MW-5  
 Sample Matrix Water  
 Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.8	ug/L	0.8	2.7	1	7421		11/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	1.8	ug/l	0.22	0.69	1	GRO95/8021		12/1/2018	CJR	1
Ethylbenzene	25.3	ug/l	0.53	1.69	1	GRO95/8021		12/1/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		12/1/2018	CJR	1
Naphthalene	17	ug/l	1.7	5.38	1	GRO95/8021		12/1/2018	CJR	1
Toluene	2.93	ug/l	0.45	1.45	1	GRO95/8021		12/1/2018	CJR	1
1,2,4-Trimethylbenzene	227	ug/l	0.73	2.33	1	GRO95/8021		12/1/2018	CJR	1
1,3,5-Trimethylbenzene	34	ug/l	0.75	2.39	1	GRO95/8021		12/1/2018	CJR	1
m&p-Xylene	191	ug/l	1	3.17	1	GRO95/8021		12/1/2018	CJR	1
o-Xylene	7.0	ug/l	0.58	1.84	1	GRO95/8021		12/1/2018	CJR	1

Lab Code 5035547E  
 Sample ID MW-2  
 Sample Matrix Water  
 Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	1.0 "J"	ug/L	0.8	2.7	1	7421		11/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	1.61	ug/l	0.22	0.69	1	GRO95/8021		12/1/2018	CJR	1
Ethylbenzene	41	ug/l	0.53	1.69	1	GRO95/8021		12/1/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		12/1/2018	CJR	1
Naphthalene	63	ug/l	1.7	5.38	1	GRO95/8021		12/1/2018	CJR	1
Toluene	3.8	ug/l	0.45	1.45	1	GRO95/8021		12/1/2018	CJR	1
1,2,4-Trimethylbenzene	660	ug/l	7.3	23.3	10	GRO95/8021		12/7/2018	CJR	1
1,3,5-Trimethylbenzene	84	ug/l	0.75	2.39	1	GRO95/8021		12/1/2018	CJR	1
m&p-Xylene	201	ug/l	1	3.17	1	GRO95/8021		12/1/2018	CJR	1
o-Xylene	60	ug/l	0.58	1.84	1	GRO95/8021		12/1/2018	CJR	1

Project Name RIVER BEND'S BAR  
 Project #

Invoice # E35547

Lab Code 5035547F  
 Sample ID MW-4  
 Sample Matrix Water  
 Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	3.1	ug/L	0.8	2.7	1	7421		11/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	108	ug/l	2.2	6.9	10	GRO95/8021		12/1/2018	CJR	1
Ethylbenzene	450	ug/l	5.3	16.9	10	GRO95/8021		12/1/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 5.7	ug/l	5.7	18.2	10	GRO95/8021		12/1/2018	CJR	1
Naphthalene	138	ug/l	17	53.8	10	GRO95/8021		12/1/2018	CJR	1
Toluene	131	ug/l	4.5	14.5	10	GRO95/8021		12/1/2018	CJR	1
1,2,4-Trimethylbenzene	1420	ug/l	7.3	23.3	10	GRO95/8021		12/1/2018	CJR	1
1,3,5-Trimethylbenzene	410	ug/l	7.5	23.9	10	GRO95/8021		12/1/2018	CJR	1
m&p-Xylene	940	ug/l	10	31.7	10	GRO95/8021		12/1/2018	CJR	1
o-Xylene	265	ug/l	5.8	18.4	10	GRO95/8021		12/1/2018	CJR	1

Lab Code 5035547G  
 Sample ID MW-1R  
 Sample Matrix Water  
 Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	3.1	ug/L	0.8	2.7	1	7421		11/30/2018	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	50	ug/l	11	34.5	50	GRO95/8021		12/1/2018	CJR	1
Ethylbenzene	790	ug/l	26.5	84.5	50	GRO95/8021		12/1/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 28.5	ug/l	28.5	91	50	GRO95/8021		12/1/2018	CJR	1
Naphthalene	284	ug/l	85	269	50	GRO95/8021		12/1/2018	CJR	1
Toluene	141	ug/l	22.5	72.5	50	GRO95/8021		12/1/2018	CJR	1
1,2,4-Trimethylbenzene	1150	ug/l	36.5	116.5	50	GRO95/8021		12/1/2018	CJR	1
1,3,5-Trimethylbenzene	380	ug/l	37.5	119.5	50	GRO95/8021		12/1/2018	CJR	1
m&p-Xylene	1150	ug/l	50	158.5	50	GRO95/8021		12/1/2018	CJR	1
o-Xylene	1020	ug/l	29	92	50	GRO95/8021		12/1/2018	CJR	1

Project Name RIVER BEND'S BAR

Invoice # E35547

Project #

Lab Code 5035547H

Sample ID TB

Sample Matrix Water

Sample Date 11/28/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		11/30/2018	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		11/30/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		11/30/2018	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		11/30/2018	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		11/30/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		11/30/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		11/30/2018	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		11/30/2018	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		11/30/2018	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

**Code** **Comment**

1 Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

*Michael Ricker*

