



Excellence through experience™

709 Gillette Street, Suite 3 ♦ La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦ www.metcohq.com

December 5, 2017

BRRTS #: 03-27-001459

PECFA #: 54754-9998-05-A

Matthew Vitale
Wisconsin Department of Natural Resources
1300 W Clairemont Avenue
Eau Claire, WI 54701

Subject: Dave's Gas Station – Letter Report.

Dear Mr. Vitale,

Enclosed is the Letter Report for the Dave's Gas Station site located at 405 N Washington Street in Merrilan, Wisconsin.

Soil Excavation/Disposal Project

On June 21, 2017, 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, 195.23 tons of petroleum contaminated soil was excavated and hauled to the Advanced Disposal – Seven Mile Creek Landfill in Eau Claire, Wisconsin. Prior to any excavation activities, monitoring well MW-1 was properly abandoned by METCO personnel. The excavation consisted of rectangular shaped area measuring up to 34 feet long, 14 feet wide, and 8 feet below ground surface (bgs) in the area of the former pump island.

Nine soil samples were collected from the sidewalls and bottom of the excavation for field (PID) and laboratory analysis (PVOC and Naphthalene). Eight sidewall samples were collected at 3 and 6 feet bgs and one bottom sample was collected at 8 feet bgs.

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

Drilling Project

On August 23, 2017, Twin Ports Testing, of Superior, 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 13 feet bgs. Upon completion, monitoring well MW-1R was properly developed.

Free Product

On September 26, 2017, METCO personnel checked all site wells for the presence of free product.

Post Excavation Groundwater Monitoring

On September 26, 2017, METCO collected groundwater samples from the five monitoring wells

(MW-1R, MW-2, MW-3, MW-4, and MW-5) for PVOC and Naphthalene. Monitoring wells MW-1R and MW-2 were also analyzed for Dissolved Lead. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. During the groundwater sampling event, the new monitoring well (MW-1R) was surveyed to feet mean sea level (msl) by METCO personnel.

Soil Results

Soil Sample EX-1: Collected at a depth of 3.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.246 ppm), Ethylbenzene (4.6 ppm), Naphthalene (2.66 ppm), Toluene (2.96 ppm), Trimethylbenzenes (20.5 ppm), and Xylene (23.1 ppm).

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

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

Soil Sample EX-4: Collected at a depth of 3.0 feet bgs, showed NR720 Groundwater RCL exceedances for Naphthalene (4.9 ppm) and Trimethylbenzenes (14.6 ppm).

Soil Sample EX-5: Collected at a depth of 6.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.77 ppm), Ethylbenzene (9.4 ppm), Naphthalene (5.0 ppm), Toluene (11.6 ppm), Trimethylbenzenes (37.4 ppm), and Xylene (46.7 ppm).

Soil Sample EX-6: Collected at a depth of 6.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (2.65 ppm), Ethylbenzene (13.1 ppm), Naphthalene (8.4 ppm), Toluene (18.9 ppm), Trimethylbenzenes (207 ppm), and Xylene (93.6 ppm).

Soil Sample EX-7: Collected at a depth of 8.0 feet bgs, showed a NR720 Groundwater RCL exceedance for Benzene (0.057 ppm).

Soil Sample EX-8: Collected at a depth of 3.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.57 ppm), Ethylbenzene (2.86ppm), Naphthalene (1.77 ppm), and Trimethylbenzenes (5.74 ppm).

Soil Sample EX-9: Collected at a depth of 6.0 feet bgs, showed NR720 Groundwater RCL exceedances for Benzene (0.0305 ppm) and Naphthalene (0.78 ppm).

Free Product Results

Monitoring Well MW-1/1R: Measurable free product was not present in monitoring well MW-1R during the most recent quarterly sampling round. The last time that measurable free product was encountered in MW-1 was on February 9, 2016. Free product was not encountered in any of the other monitoring wells.

Groundwater Monitoring Results

Monitoring Well MW-1R: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzene (700 ppb), Ethylbenzene (750 ppb), Naphthalene (440 ppb), Toluene (2,080 ppb), Trimethylbenzenes (2,100 ppb), and Xylene (4,750 ppb) as well as a NR140 Preventative Action Limit

(PAL) exceedance for Lead (5 ppb).

Monitoring Well MW-2: Currently shows no detects for PVOC and Naphthalene or Lead.

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

Monitoring Well MW-4: Currently shows NR140 PAL exceedance for Benzene (4.2 ppb).

Monitoring Well MW-5: Currently shows detects but no exceedances for PVOC and Naphthalene.

Conclusions

There are three quarterly rounds of post-excavation groundwater monitoring remaining of the approved workscope. The next sampling event (2nd of 4) will be scheduled for late December 2017.

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.

Sincerely,



Jason T. Powell
Staff Scientist

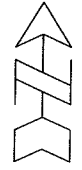
Attachments

c: Matt Lechner – Client

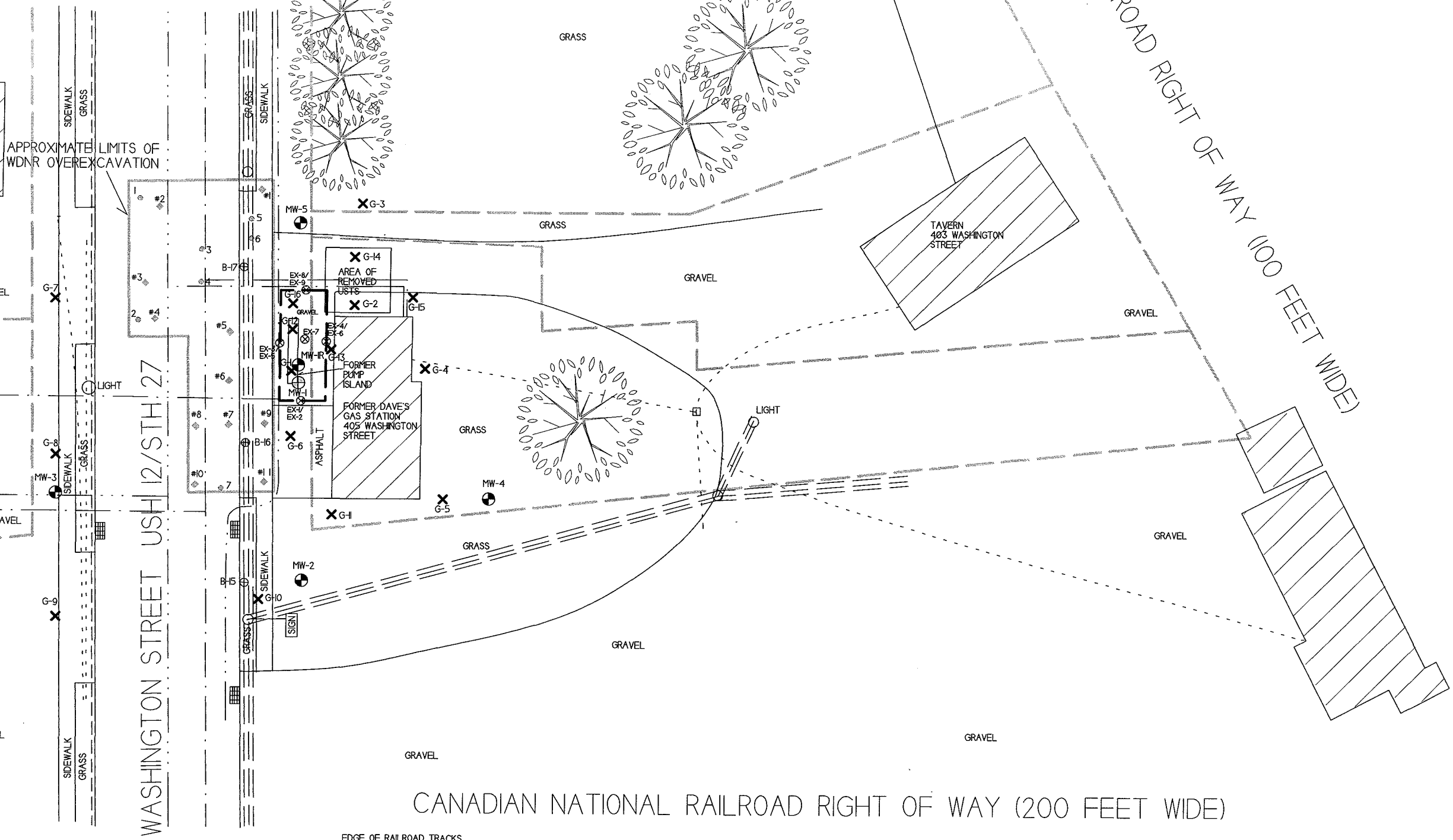
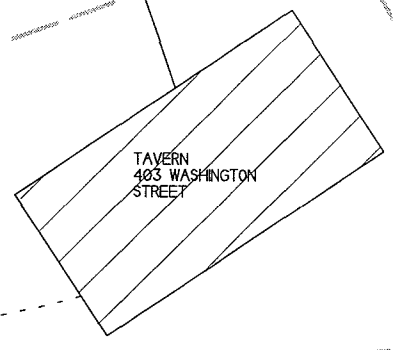
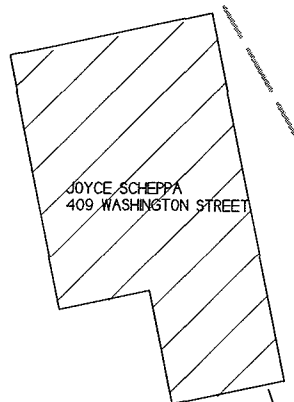
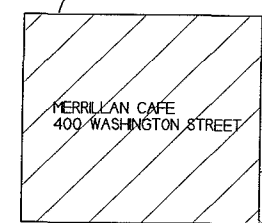
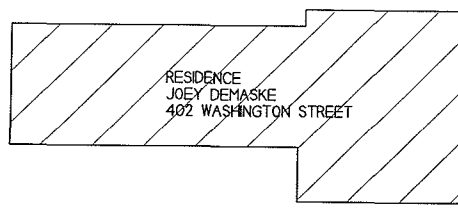
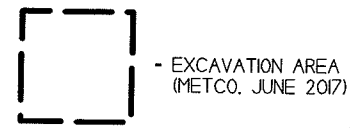
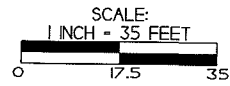
DETAILED SITE MAP
DAVE'S GAS STATION (FORMER)
MERRILLAN, WISCONSIN

709 Gillette Street, Suite 3
 La Crosse, WI 54603
 Tel: (608) 781-8879
 Fax: (608) 781-8893

MERRILLAN, WISCONSIN
 DRAWN BY: ED
 DATE: 03/26/2013
 UPDATED BY: JJ (10/22/2015)



- NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- ⊕ - P2ESA SOIL BORING LOCATION
 - ◆ - WDNR EXCAVATION SOIL SAMPLE LOCATION
 - ⊙ - WDNR EXCAVATION PID SOIL SAMPLE LOCATION
 - ⊗ - EXCAVATION PROJECT SOIL SAMPLING LOCATION
 - ✕ - GEOPROBE BORING LOCATION
 - ⊕ - MONITORING WELL LOCATION
 - ⊕ - ABANDONED MONITORING WELL LOCATION
 - — — — — - WATER LINE
 - . - . - . - SANITARY SEWER LINE
 - - - - - - NATURAL GAS LINE
 - ≡ ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
 - ▬ ▬ ▬ ▬ ▬ - PROPERTY BOUNDARY
 - - - - - - TELEPHONE LINE
 - - - - - - BURIED ELECTRIC LINE



EXCAVATION AREA

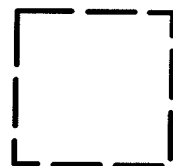
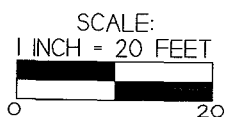
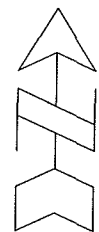
DAVE'S GAS STATION
(FORMER)



709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893

MERRILLAN,
WISCONSIN

DRAWN BY: BK
DATE: 11/21/17

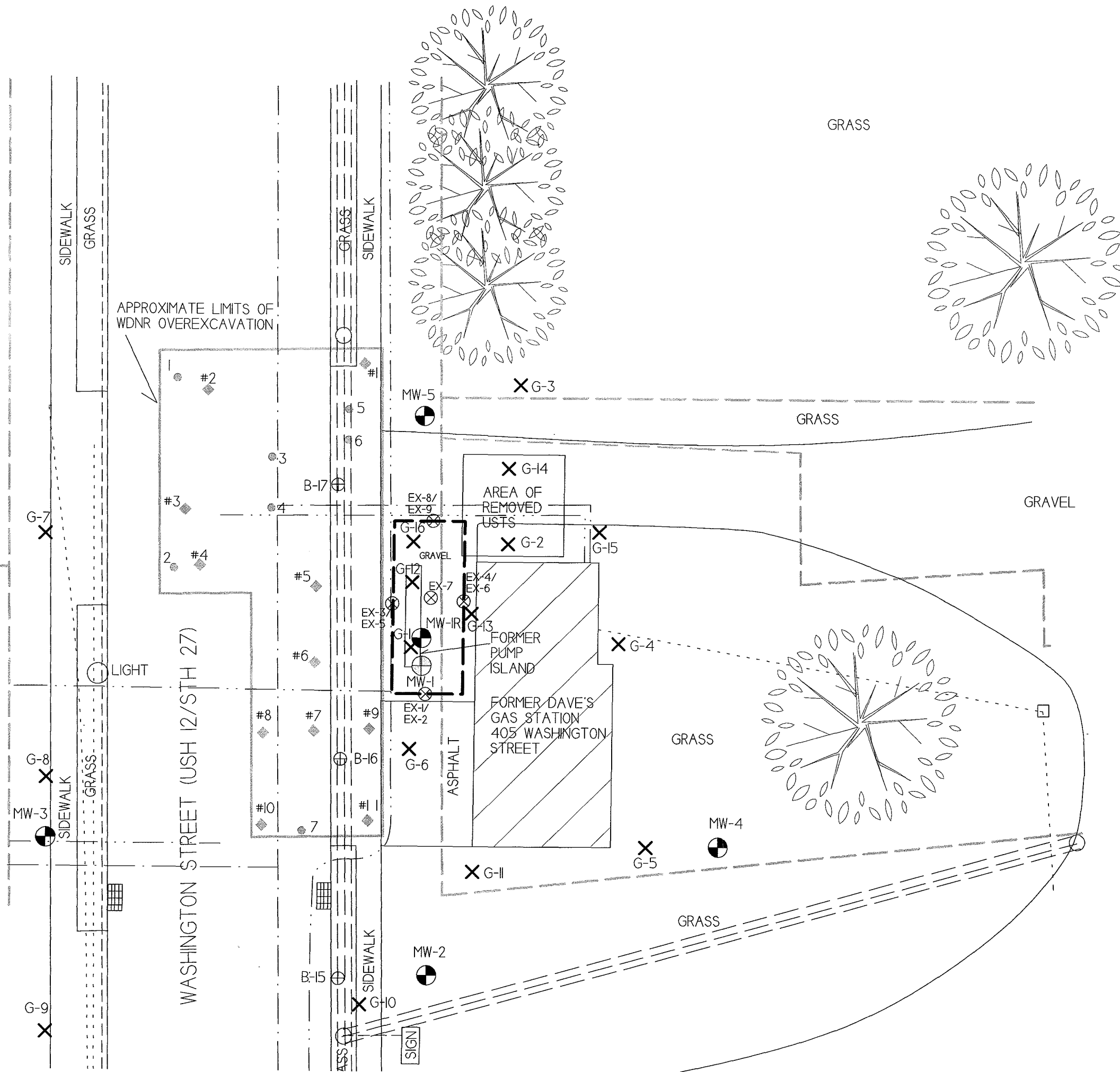


= EXCAVATION AREA
(METCO, JUNE 2017)

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

- ⊕ = P2ESA SOIL BORING LOCATION
- ◆ = WDNR EXCAVATION SOIL SAMPLE LOCATION
- ◊ = WDNR EXCAVATION PID SOIL SAMPLE LOCATION
- ⊗ = EXCAVATION PROJECT SOIL SAMPLING LOCATION
- ✕ = GEOPROBE BORING LOCATION
- ⊙ = MONITORING WELL LOCATION
- ⊕ = ABANDONED MONITORING WELL LOCATION

- - - - - = WATER LINE
- · - · - · = SANITARY SEWER LINE
- - - - - = NATURAL GAS LINE
- ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ = OVERHEAD UTILITIES
- ===== = PROPERTY BOUNDARY
- · - · - · = TELEPHONE LINE
- - - - - = BURIED ELECTRIC LINE




SOIL CONTAMINATION
DAVE'S GAS STATION
(FORMER)

709 Gillette Street, Suite 3
 La Crosse, WI 54603
 Tel: (608) 781-8879
 Fax: (608) 781-8893

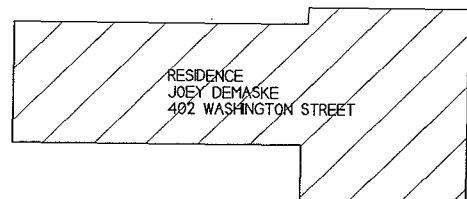
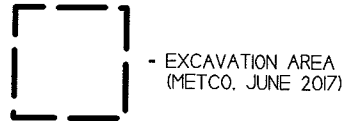
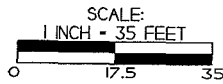
MERRILLAN, WISCONSIN

DRAWN BY: ED
 DATE: 03/26/2013
 UPDATED BY: JJ 02/22/2015

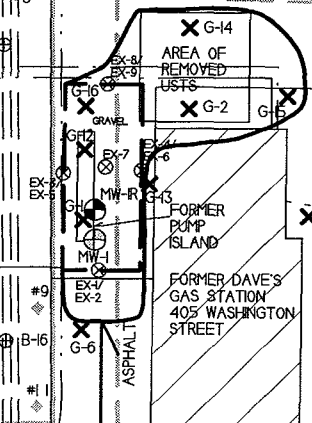
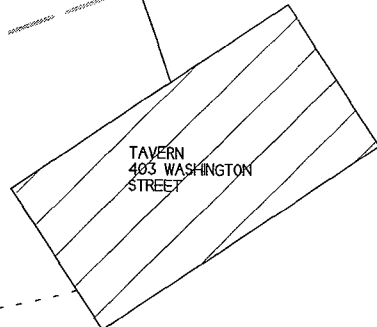
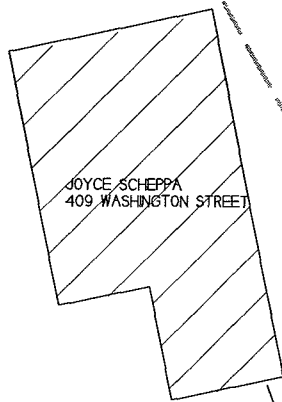
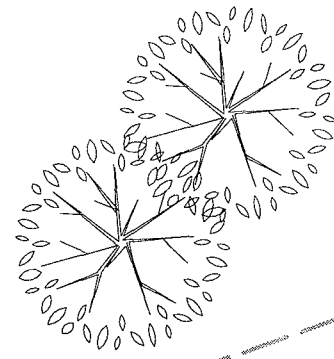
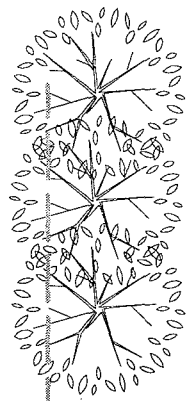
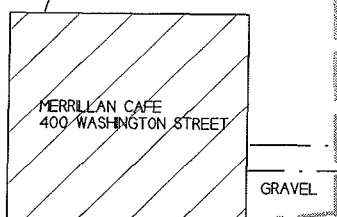


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- ⊕ - P2ESA SOIL BORING LOCATION
- ⬠ - WDNR EXCAVATION SOIL SAMPLE LOCATION
- ⦿ - WDNR EXCAVATION PID SOIL SAMPLE LOCATION
- ⊗ - EXCAVATION PROJECT SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⦿ (with dot) - MONITORING WELL LOCATION
- ⊕ (with cross) - ABANDONED MONITORING WELL LOCATION
- — — — — WATER LINE
- - - - - SANITARY SEWER LINE
- · · · · NATURAL GAS LINE
- ≡ ≡ ≡ ≡ ≡ OVERHEAD UTILITIES
- - - - - PROPERTY BOUNDARY
- - - - - TELEPHONE LINE
- - - - - BURIED ELECTRIC LINE



APPROXIMATE LIMITS OF
WDNR OVEREXCAVATION



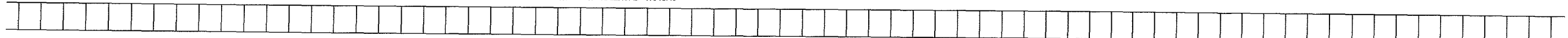
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

WASHINGTON STREET USH 12/STH 27

UNION PACIFIC RAILROAD RIGHT OF WAY (100 FEET WIDE)

CANADIAN NATIONAL RAILROAD RIGHT OF WAY (200 FEET WIDE)


EDGE OF RAILROAD TRACKS



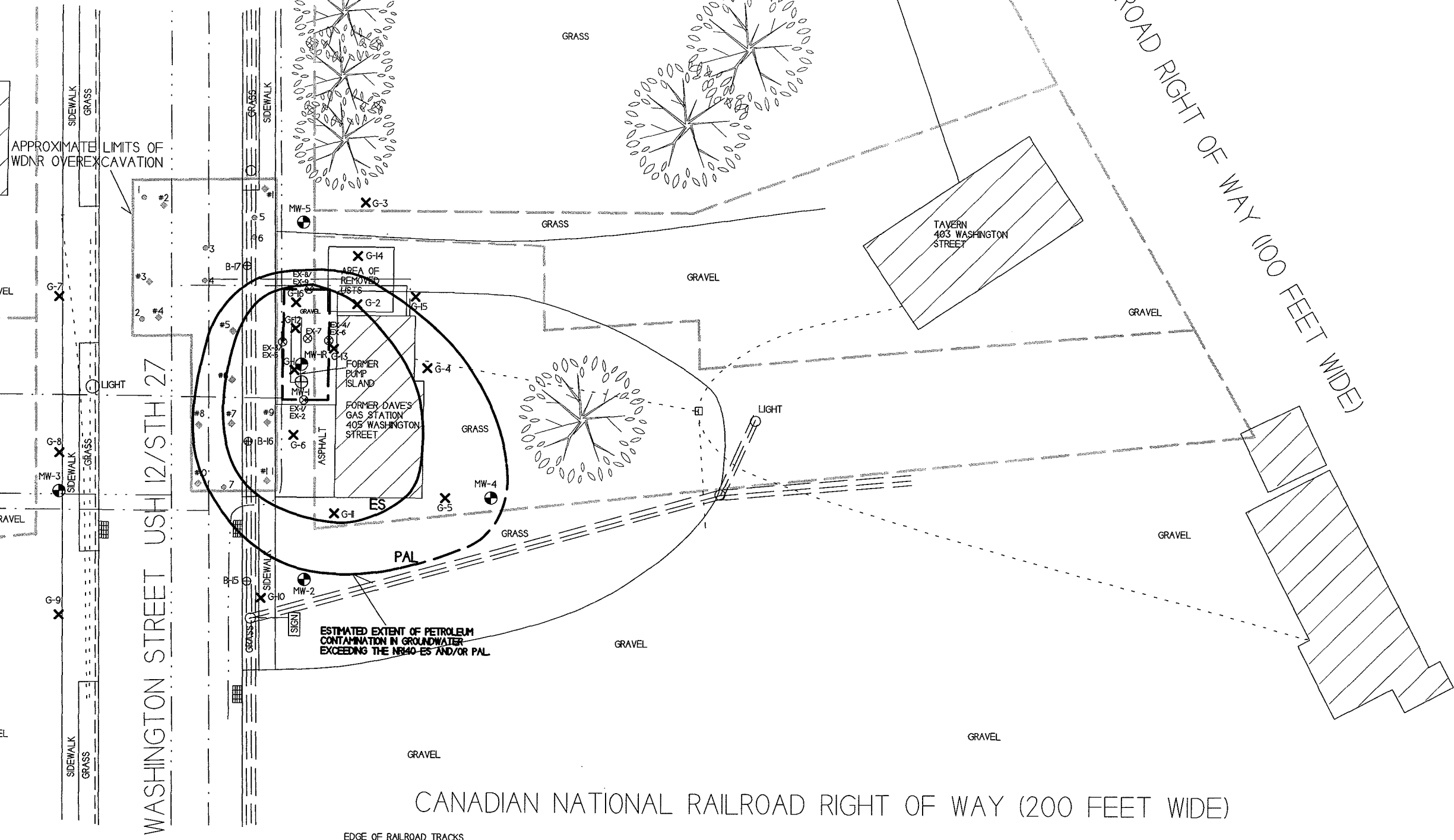
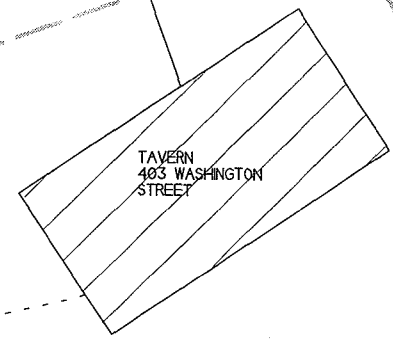
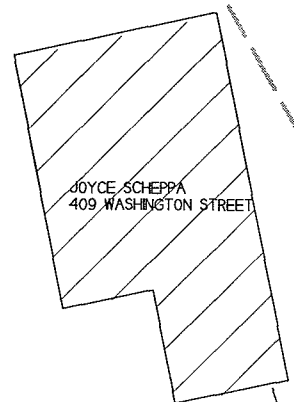
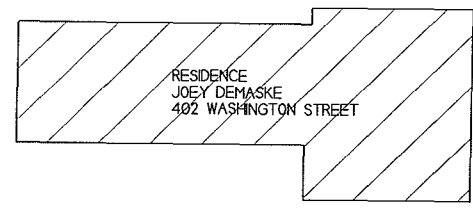
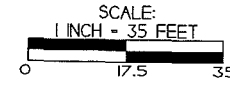
GROUNDWATER ISOCONCENTRATION (9/26/17)
 DAVE'S GAS STATION (FORMER)
 MERRILLAN, WISCONSIN

709 Gillette Street, Suite 3
 La Crosse, WI 54603
 Tel: (608) 781-8879
 Fax: (608) 781-8893

DRAWN BY: ED
 DATE: 03/26/2013
 UPDATED BY: JJ (02/22/2015)

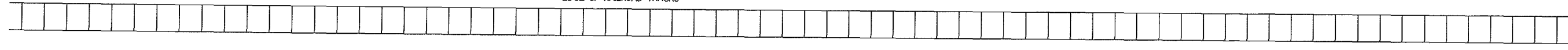


- NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- ⊕ - P2ESA SOIL BORING LOCATION
 - ◆ - WDNR EXCAVATION SOIL SAMPLE LOCATION
 - ⊙ - WDNR EXCAVATION PID SOIL SAMPLE LOCATION
 - ⊗ - EXCAVATION PROJECT SOIL SAMPLING LOCATION
 - ✕ - GEOPROBE BORING LOCATION
 - ⊙ - MONITORING WELL LOCATION
 - ⊕ - ABANDONED MONITORING WELL LOCATION
 - — — — — - WATER LINE
 - · - · - · - SANITARY SEWER LINE
 - · - · - · - NATURAL GAS LINE
 - ≡ ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
 - ⋯⋯⋯⋯⋯⋯ - PROPERTY BOUNDARY
 - - - - - TELEPHONE LINE
 - - - - - BURIED ELECTRIC LINE



UNION PACIFIC RAILROAD RIGHT OF WAY (100 FEET WIDE)

CANADIAN NATIONAL RAILROAD RIGHT OF WAY (200 FEET WIDE)



**A.1 Groundwater Analytical Table
(Geoprobe)
Dave's Gas Station BRRTS# 03-27-001459**

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
G-1-W	10/14/14	1240	1100	<23	370	5400	2010	7220
G-2-W	10/14/14	1.84	8.6	<0.23	4.3	8.7	43.2	53.7
G-3-W	10/14/14	<0.24	2.58	<0.23	<1.7	0.91	8.51	9.01
G-4-W	10/14/14	0.50	1.94	<0.23	<1.7	1.64	3.08-4.48	9.45
G-5-W	10/14/14	<0.24	2.41	<0.23	<1.7	4	5.56	12.4
G-6-W	10/14/14	4400	1490	<37	560	13000	2020	7940
G-7-W	10/14/14	0.35	2.67	<0.23	<1.7	5.8	10.89	15.1
G-8-W	10/14/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-9-W	10/14/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	3.07
G-10-W	10/14/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-11-W	10/14/14	380	191	<3.7	62	46	204	966
G-12-W	10/14/14	680	810	<23	350	3800	3570	8870
G-13-W	10/14/14	77	910	<23	314	1030	2160	4840
G-14-W	10/14/14	<0.27	1.4	<0.37	<1.2	1.21	4.51	6.5
G-15-W	10/14/14	<0.27	<0.82	<0.37	<1.2	<0.8	1.03-1.89	<2.41
G-16-W	10/14/14	203	1620	<23	450	5200	3360	9020
ENFORCEMENT STANDARD ES =		5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL =		0.5	140	12	10	160	96	400

NS = Not Sampled

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

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

A.1 Groundwater Analytical Table
Daves Gas Station Site BRRT's# 03-27-001459

Well MW-1/1R MW-1R 937.20
PVC Elevation = MW-1 937.03 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
11/04/15	932.05	4.98	38.5	610	950	<110	370	3020	4320	5540
02/09/16	FREE PRODUCT		10.6	200	1350	<24.5	1000	1580	5350	8410
09/26/17	932.32	4.88	5.0	700	750	<21.5	440	2080	2100	4750
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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 = 936.63 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
11/04/15	932.47	4.16	1.5	7.7	1.8	<1.1	2.3	0.49	<3.1	4.34
02/09/16	932.48	4.15	3.9	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/26/17	932.56	4.07	<0.9	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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 = 936.72 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
11/04/15	932.17	4.55	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/09/16	932.21	4.51	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/26/17	932.35	4.37	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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
 Daves Gas Station Site BRRT's# 03-27-001459

Well MW-4

PVC Elevation = 936.09 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/04/15	932.37	3.72	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/09/16	932.39	3.70	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/26/17	932.62	3.47	NS	4.2	1.37	<0.43	<1.7	0.44	1.87-2.45	<1.71
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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 = 937.76 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
11/04/15	932.92	4.84	<0.7	<0.44	3.07	<1.1	27.8	<0.44	18	4.74
02/09/16	933.29	4.47	<0.7	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/26/17	933.24	4.52	NS	0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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.2. Soil Analytical Results Table
 Dave's Gas Station BRRS# 03-27-001459

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 (ppb)	DIRECT CONTACT PVOC		
																	Exceedance Count	Hazard Index	Cumulative Cancer Risk
B-15	2-4	U	05/05/11	8	18.50	NS	10.5	0.0587	0.182	<0.025	<0.025	0.0332	0.307	<0.025	0.1899	NS	0	0.0016	3.8E-08
B-16	7-8	S	05/05/11	560	9.00	NS	708	1.63	20.8	<0.312	134	57.4	47.3	15.1	111.2	NS	0		
B-17	2-4	U	05/05/11	568	29.40	NS	5760	(8.43)	(139)	<5.0	(67.1)	287	(424)*	(581)*	(806)*	NS	6	4.3813	3.5E-05
B-22	2-4	U	05/05/11	7	1.20	NS	<2.6	<0.025	<0.025	<0.025	<0.025	<0.025	0.0457	<0.025	0.06x	NS	0	0.0001	
Sample #1	8	S	08/19/13	770	3.60	NS	NS	<0.125	6.07	<0.125	3.22	1.28	23.6	8.06	27.55	NS			
Sample #2	8	S	08/19/13	17	14.60	NS	NS	<0.025	<0.025	<0.025	0.0716	<0.025	0.333	0.186	0.284	NS			
Sample #3	8	S	08/19/13	115	12.00	NS	NS	<0.025	0.127	<0.025	0.328	<0.025	1.9	1.01	0.2494	NS			
Sample #4	8	S	08/19/13	51	4.20	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	0.0565 "J"	0.0387 "J"	<0.0789 "J"	NS			
Sample #5	8	S	08/19/13	1267	23.80	NS	NS	1.820 "J"	66.7	<1.250	40.1	95.4	233*	79.8	451*	NS			
Sample #6	8	S	08/19/13	1538	1.80	NS	NS	0.563	0.274	<0.025	0.0737	2.05	0.27	0.081	1.511	NS			
Sample #7	8	S	08/19/13	528	1.60	NS	NS	1.08	1.69	<0.050	1.24	5.12	6.05	2.38	9.19	NS			
Sample #8	5	S	08/19/13	2175	11.90	NS	NS	1.230 "J"	47.6	<0.625	20.9	57.2	114	35.7	267.6*	NS			
Sample #9	5	S	08/19/13	1483	12.70	NS	NS	<1.000	9.51	<1.000	11.6	7.42	264*	96.9	67.7	NS			
Sample #10	5	S	08/19/13	1632	4.40	NS	NS	<0.200	4.64	<0.200	4.76	0.689	30.4	12.9	18.41	NS			
Sample #11	5	S	08/19/13	<10	1.00	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-1-1	3.5	U	10/13/14	580	22.3	NS	NS	<0.250	0.400	<0.250	2.330	<0.250	69	35	14.8	NS	0	0.3195	4.7E-07
G-1-2	8.0	S	10/13/14	125	NS	NS	NS	13.1	69	<0.250	22.1	91	161	57	360*	NS			
G-2-1	3.5	U	10/13/14	10	13.9	NS	NS	0.046	0.087	<0.025	0.221	0.237	0.253	0.107	0.618	NS	0	0.0035	8.0E-08
G-2-2	8.0	S	10/13/14	50	NS	NS	NS	0.380	0.380	<0.025	0.460	0.254	3.7	1.85	1.48	NS			
G-2-3	10.0	S	10/13/14	10						NOT SAMPLED						NS			
G-3-1	3.5	U	10/13/14	NM	1.64	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-3-2	8.0	S	10/13/14	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.038	<0.025	0.168	0.0302	<0.075	NS			
G-4-1	3.5	U	10/13/14	0						NOT SAMPLED						NS	0		
G-4-2	8.0	S	10/13/14	0						NOT SAMPLED						NS			
G-5-1	3.5	U	10/13/14	0						NOT SAMPLED						NS	0		
G-5-2	8.0	S	10/13/14	0						NOT SAMPLED						NS			
G-6-1	3.5	U	10/13/14	5	1.87	NS	NS	<0.025	<0.025	<0.025	0.038	<0.025	0.168	0.0302	<0.075	NS	0	0.0008	6.9E-09
G-6-2	8.0	S	10/13/14	965	NS	NS	NS	39	133	<2.5	60	350	311*	116	684*	NS			
G-7-1	3.5	U	10/13/14	0						NOT SAMPLED						NS	0		
G-7-2	8.0	S	10/13/14	0						NOT SAMPLED						NS			
G-8-1	3.5	U	10/13/14	0						NOT SAMPLED						NS	0		
G-8-2	8.0	S	10/13/14	0						NOT SAMPLED						NS			
G-9-1	3.5	U	10/13/14	0						NOT SAMPLED						NS	0		
G-9-2	8.0	S	10/13/14	0						NOT SAMPLED						NS			
G-10-1	3.5	U	10/13/14	0						NOT SAMPLED						NS	0		
G-10-2	8.0	S	10/13/14	0						NOT SAMPLED						NS			
G-11-1	3.5	U	10/13/14	0						NOT SAMPLED						NS	0		
G-11-2	8.0	S	10/13/14	25						NOT SAMPLED						NS			
G-12-1	3.5	U	10/13/14	515	14.3	NS	NS	<1.25	<1.25	<1.25	4.4	1.58	99	41	63.7	NS	0	0.4893	8.0E-07
G-12-2	8.0	S	10/13/14	580	3.6	NS	NS	6.6	89	<1.5	42	88	276*	81	484*	SEE VOC SHEET			
G-13-1	3.5	U	10/13/14	0	3.1	NS	NS	<0.025	<0.025	<0.025	0.0263	0.039	0.0252	<0.025	0.0307-0.0807	NS	0	0.0003	4.8E-09
G-13-2	8.0	S	10/13/14	320	NS	NS	NS	0.0286	0.126	<0.025	0.045	0.063	0.211	0.082	0.503	NS			
G-14-1	3.5	U	10/13/14	5	27.2	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-14-2	8.0	S	10/13/14	0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-15-1	3.5	U	10/13/14	0	83.8	NS	NS	<0.025	<0.025	<0.025	0.044	0.036	0.043	<0.025	0.098	NS	0	0.2100	8.0E-09
G-15-2	8.0	S	10/13/14	0	NS	NS	NS	<0.025	<0.025	<0.025	0.036	0.032	0.0272	<0.025	0.026-0.076	NS			
G-16-1	3.5	U	10/13/14	1300	13.8	NS	NS	0.420	0.410	<0.250	1.36	0.390	12	10.3	7.21	NS	0	0.0831	5.6E-07
G-16-2	8.0	S	10/13/14	550	NS	NS	NS	7.1	57	<0.250	18.7	25.6	155	57	231	NS			
MW-1-1	3.5	U	08/28/15	215	NS	NS	360	0.089	0.205	<0.025	1.38	0.133	14.9	9.3	1.49	NS	0	0.0779	3.3E-07
MW-1-2	8.0	S	08/28/15	845	1.57	NS	430	1.4	7	<0.025	2.58	10.6	18.3	7	34.8	TCLP LEAD 1.3			
MW-1-3	9.5	S	08/28/15	15						NOT SAMPLED						NS			
MW-2-1	3.5	U	08/28/15	2.6						NOT SAMPLED						NS	0		
MW-2-2	8.0	S	08/28/15	8.4						NOT SAMPLED						NS			
MW-2-3	9.0	S	08/28/15	2.9						NOT SAMPLED						NS			
MW-3-1	3.5	U	08/28/15	2.0						NOT SAMPLED						NS	0		
MW-3-2	8.0	S	08/28/15	1.5						NOT SAMPLED						NS			
MW-3-3	7.0	S	08/28/15	2.5						NOT SAMPLED						NS			
MW-4-1	3.5	U	08/28/15	2.5						NOT SAMPLED						NS	0		
MW-4-2	8.0	S	08/28/15	2.9						NOT SAMPLED						NS			
MW-4-3	8.0	S	08/28/15	1.5						NOT SAMPLED						NS			
MW-5-1	3.5	U	08/28/15	3.7						NOT SAMPLED						NS			
MW-5-2	8.0	S	08/28/15	2.7						NOT SAMPLED						NS			
MW-5-3	8.5	S	08/28/15	2.5						NOT SAMPLED						NS			
EX-1	3.0	U	06/21/17	NM	NS	NS	NS	0.246	4.6	<0.125	2.66	2.96	14.6	5.9	23.1	NS	0	0.1037	1.2E-06
EX-2	6.0	S	06/21/17	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	06/21/17	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
EX-4	3.0	U	06/21/17	NM	NS	NS	NS	<0.125	<0.125	<0.125	4.9	<0.125	7.8	6.8	1.71	NS	0	0.0706	8.9E-07
EX-5	6.0	S	06/21/17	NM	NS	NS	NS	0.77	9.4	<0.125	5.0	11.6	26.9	10.5	46.7	NS			
EX-6	6.0	S	06/21/17	NM	NS	NS	NS	2.65	13.1	<0.25	8.4	18.9	134	73	93.6	NS			
EX-7	8.0	S	06/21/17	NM	NS	NS	NS	0.057	0.072	<0.025	<0.025	0.040	0.211	0					

A.6 Water Level Elevations
Daves Gas Station Site BRRT's# 03-27-001459
Merrillan, Wisconsin

	MW-1	MW-1R	MW-2	MW-3	MW-4	MW-5
Ground Surface (feet msl)	937.50	937.58	937.12	937.01	936.64	938.19
PVC top (feet msl)	937.03	937.20	936.63	936.72	936.09	937.76
Well Depth (feet)	13.00	13.00	13.00	13.00	13.00	13.00
Top of screen (feet msl)	934.50	934.58	934.12	934.01	933.64	935.19
Bottom of screen (feet msl)	924.50	924.58	924.12	924.01	923.64	925.19

Depth to Water From Top of PVC (feet)

11/04/15	4.98	NI	4.16	4.55	3.72	4.84
02/09/16	FP	NI	4.15	4.51	3.70	4.47
09/26/17	A	4.88	4.07	4.37	3.47	4.52

Depth to Water From Ground Surface (feet)

11/04/15	5.45	NI	4.65	4.84	4.27	5.27
02/09/16	FP	NI	4.64	4.80	4.25	4.90
09/26/17	A	5.26	4.56	4.66	4.02	4.95

Groundwater Elevation (feet msl)

11/04/15	932.05	NI	932.47	932.17	932.37	932.92
02/09/16	FP	NI	932.48	932.21	932.39	933.29
09/26/17	A	932.32	932.56	932.35	932.62	933.24

CNL = Could Not Locate

A = Abandoned and removed during soil excavation project

NI = Not Installed

FP = Free Product

A.7 Other
Groundwater NA Indicator Results
Daves Gas Station Site BRRT's# 03-27-001459

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)
11/04/15	2.12	6.83	-76	14.1	970	0.395	1510	8.96	318
02/09/16	2.03	7.18	-97	7.9	1287	NS	NS	NS	NS
09/26/17	0.27	7.58	102	18.4	600	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 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)
11/04/15	4.02	6.93	245	13.5	638	2.56	<300	0.33	64.7
02/09/16	4.23	6.93	110	7.7	876	NS	NS	NS	NS
09/26/17	1.03	7.53	259	18.9	583	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

(ppb) = parts per billion (ppm) = parts per million
 ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
 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)
11/04/15	5.71	6.59	227	12.9	251	0.750	<300	0.29	198
02/09/16	6.71	6.52	229	7.6	589	NS	NS	NS	NS
09/26/17	1.93	7.74	310	19.0	881	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	-	-	60

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

A.7 Other

Groundwater NA Indicator Results

Daves Gas Station Site BRRT's# 03-27-001459

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
11/04/15	5.25	6.92	211	13.1	235	0.442	<300	0.31	116
02/09/16	5.28	6.27	230	7.4	671	NS	NS	NS	NS
09/26/17	0.88	8.16	322	18.1	2001	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						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

ORP = Oxidation Reduction Potential

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)	Man-ganese (ppb)
11/04/15	6.16	6.70	182	14.4	211	0.265	<300	0.84	192
02/09/16	5.49	6.86	181	7.5	552	NS	NS	NS	NS
09/26/17	0.33	8.25	114	18.2	682	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						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

ORP = Oxidation Reduction Potential

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



DKS CONSTRUCTION SERVICES, INC
 2520 WILSON STREET
 MENOMONIE, WI 54751

Invoice

Date	Invoice #
6/22/2017	2761

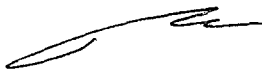
Bill To

METCO
 %Matt Lechner
 709 GILLETTE ST
 LACROSSE, WI 54603

P.O. No.	Terms	Project
Daves Gas Station	Net 30	

Quantity	Description	Rate	Amount
1	Mobilization	2,400.00	2,400.00 ✓
195.23	Excavate	13.00	2,537.99 ✓
195.23	Haul	18.00	3,514.14 ✓
195.23	Soil Disposal	32.00	6,247.36 ✓
151.23	Fill	12.00	1,814.76 ✓
44	Rock	18.00	792.00 ✓
195.23	Backfill & Compact	5.00	976.15 ✓
	JOBSITE: Daves Gas Station, Merrilan WI WI & Dunn Sales Tax	5.50%	0.00

*Soil Excavation / Disposal Project
 Reviewed 6/22/17
 OK*



Phone # 715-235-2600

Total VARIANCE \$18,282.40 ✓

All Ticket Types
Current Tickets Only

Detail Customer Activity Report
June 22, 2017 to June 22, 2017
Specific Customer(s) : 1214
All Facilities

* - Confirmed Qty Applied to Billing

p.2 001214- DKS CONSTRUCTION

7152356661

Ticket Date	Facility & Ticket Number	Contract	Truck #	Container	Material	Billing Quantity	
06/22/2017	I G3 722331	DAVE GAS STATION/17035BIO@	SGS207		33B@ EX C-Soil/Pet-Unld (	22.28	TN
06/22/2017	I G3 722331	DAVE GAS STATION/17035BIO@	SGS207		Profile Fee EX	1.00	EA
06/22/2017	I G3 722332	DAVE GAS STATION/17035BIO@	SGS216		33B@ EX C-Soil/Pet-Unld (	21.44	TN
06/22/2017	I G3 722334	DAVE GAS STATION/17035BIO@	WESTABY26		33B@ EX C-Soil/Pet-Unld (	19.61	TN
06/22/2017	I G3 722335	DAVE GAS STATION/17035BIO@	WESTABY25		33B@ EX C-Soil/Pet-Unld (	20.80	TN
06/22/2017	I G3 722336	DAVE GAS STATION/17035BIO@	DKS40		33B@ EX C-Soil/Pet-Unld (	20.90	TN
06/22/2017	I G3 722337	DAVE GAS STATION/17035BIO@	DKS44		33B@ EX C-Soil/Pet-Unld (	21.32	TN
06/22/2017	I G3 722338	DAVE GAS STATION/17035BIO@	DLO468		33B@ EX C-Soil/Pet-Unld (	22.27	TN
06/22/2017	I G3 722344	DAVE GAS STATION/17035BIO@	CWR235		33B@ EX C-Soil/Pet-Unld (	24.73	TN
06/22/2017	I G3 722409	DAVE GAS STATION/17035BIO@	MODERN12		33B@ EX C-Soil/Pet-Unld (	21.88	TN
Tickets Reported:		9	Items Reported:		10	00	

Material Summary	Weight		Volume		Count		Billing Quantity
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound	
ES - 33B@ EX C-Soil/Pet-Unld Gs-ADC	195.23	0.00 TN	0.00	0.00 YD	0.00	0.00	195.23 TN
PS - Profile Fee EX	0.00	0.00 TN	0.00	0.00 YD	1.00	0.00	1.00 EA

Tickets Reported: 9 Items Reported: 10

Material Summary	Weight		Volume		Count		Billing Quantity
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound	
33B@ EX C-Soil/Pet-Unld Gs-ADC	195.23	0.00 TN	0.00	0.00 YD	0.00	0.00	195.23 TN
Profile Fee EX	0.00	0.00 TN	0.00	0.00 YD	1.00	0.00	1.00 EA

DKS Construction

Jun 23 17 09:26a

REPORT SUMMARY

Total Tickets:	9		
Total Weight:	195.23	TN	In
	0.00	TN	Out
Total Volume:			
Total Count:	1.00		In

p.3

7152356661

DKS Construction

Jun 23 17 09:26a

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: JACKSON
 MI Unique Well # of Removed Well: VN736
 Hicap #: _____
 Latitude / Longitude (Degrees and Minutes): 44 ° 27.23 ' N, 90 ° 50.6 ' W
 Method Code (see instructions): _____
 Section: 22, Township: 23 N, Range: 4 W

Facility Name: Dave's Gas Station
 Facility ID (FID or PWS): None
 License/Permit/Monitoring #: _____
 Original Well Owner: Matt Lechner
 Present Well Owner: Matt Lechner
 Mailing Address of Present Owner: P.O. Box 86
 City of Present Owner: Black River Falls, WI, ZIP Code: 54615

Well Street Address: 405 N Washington Street
 Well City, Village or Town: Merrillian
 Well ZIP Code: 54754-
 Subdivision Name: _____, Lot #: _____

Reason For Removal From Service: Excavation Project
 MI Unique Well # of Replacement Well: _____

3. Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Borehole / Drillhole
 Original Construction Date (mm/dd/yyyy): 8/28/2015
 If a Well Construction Report is available, please attach.
 Construction Type: Drilled, Driven (Sandpoint), Dug, Other (specify): _____

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

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

Formation Type: Unconsolidated Formation, Bedrock

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

Total Well Depth From Ground Surface (ft.): 13, Casing Diameter (in.): 2.04

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

Lower Drillhole Diameter (in.): 6, Casing Depth (ft.): 3

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

Was well annular space grouted? Yes, No, Unknown

If yes, to what depth (feet)? 2.5, Depth to Water (feet): 5.45

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	Pounds
Surface	13	19.5

6. Comments

Monitoring Well MW-1
 Please note that well was abandoned and removed during the excavation project.

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing: Ron Anderson (METCO), License #: _____, Date of Filling & Sealing (mm/dd/yyyy): 6/21/2017
 Date Received: _____, Noted By: _____
 Street or Route: 709 Gillette Street, Suite 3, Telephone Number: (608) 781-8879, Comments: _____
 City: La Crosse, State: WI, ZIP Code: 54603-
 Signature of Person Doing Work: _____, Date Signed: 7/6/17

Facility/Project Name <u>Deaves Gas Station</u>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. ft. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name <u>MW-1R</u>
Facility License, Permit or Monitoring No.	Local Grid Origin (estimated: <input type="checkbox"/>) or Well Location Lat. _____ Long. _____ or _____	Wis. Unique Well No. <u>VR 675</u> DNR Well ID No. _____
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>06/23/2017</u> m m d d y y v v y y
Type of Well Well Code <u>11 / MW</u>	Section Location of Waste/Source <u>SE 1/4 of SE 1/4 of Sec. 22, T. 23 N. R. 4</u> <input type="checkbox"/> E. <input checked="" type="checkbox"/> W.	Well Installed By: Name (first, last) and Firm <u>LOA Dimman</u> <u>Twin Ports Testing</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number _____
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in. b. Length: _____ ft. c. Material: _____ Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <u>Concrete Flush</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or <u>0.0</u> ft.	3. Surface seal: <u>mount</u> Bentonite <input checked="" type="checkbox"/> 30 Concrete <input type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GF <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input checked="" type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input type="checkbox"/>
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. <u>1.5</u> Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. <u>Red Flint Sand # 15</u> b. Volume added <u>1.0</u> ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. <u>Red Flint Sand # 40</u> b. Volume added <u>5.0</u> ft ³
17. Source of water (attach analysis, if required): _____	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or <u>0.0</u> ft.	10. Screen material: <u>PVC</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or <u>1.0</u> ft.	b. Manufacturer <u>Johnson</u> c. Slot size: <u>0.010</u> in. d. Slotted length: <u>10</u> ft.
G. Filter pack, top _____ ft. MSL or <u>3.0</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or <u>3.0</u> ft.	
I. Well bottom _____ ft. MSL or <u>13.0</u> ft.	
J. Filter pack, bottom _____ ft. MSL or <u>13.0</u> ft.	
K. Borehole, bottom _____ ft. MSL or <u>13.0</u> ft.	
L. Borehole, diameter <u>6.25</u> in.	
M. O.D. well casing <u>2.0</u> in.	
N. I.D. well casing <u>1.85</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature [Signature] Firm Twin Ports Testing

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 Dave's Gas Station	County Name JACKSON	Well Name MW-1R
Facility License, Permit or Monitoring Number	County Code 27	Wis. Unique Well Number VR675
		DNR Well ID Number

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/>	4 1
surged with bailer and pumped	<input checked="" type="checkbox"/>	6 1
surged with block and bailed	<input type="checkbox"/>	4 2
surged with block and pumped	<input type="checkbox"/>	6 2
surged with block, bailed and pumped	<input type="checkbox"/>	7 0
compressed air	<input type="checkbox"/>	2 0
bailed only	<input type="checkbox"/>	1 0
pumped only	<input type="checkbox"/>	5 1
pumped slowly	<input type="checkbox"/>	5 0
Other _____	<input type="checkbox"/>	

3. Time spent developing well 40 min.

4. Depth of well (from top of well casing) 13 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 9.9 gal.

7. Volume of water removed from well 65 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>3.91</u> ft.	<u>4.74</u> ft.
Date	b. <u>08 / 23 / 2017</u>	<u>8 / 3 / 017</u>
Time	c. <u>05 : 50</u> <input checked="" type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>06 : 30</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) Gray	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) Clear
	High turbidity	Low turbidity
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l
16. Well developed by: Name (first, last) and Firm		
First Name:	Eric	Last Name: Dahl
Firm:	METCO	

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

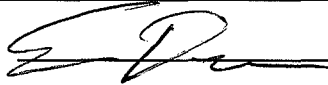
First Name: Matt Last Name: Lechner

Facility/Firm: Client

Street: P.O. Box 86

City/State/Zip: Black River Falls WI 54615-

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

Signature: 

Print Name: Eric Dahl

Firm: METCO

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

Facility / Project Name Dave's Gas Station		License / Permit / Monitoring Number		Boring Number MW-1R
Boring Drilled By: Name of crew chief (first, last) and Firm First: Lou Last: Dinnan Firm: Twin Ports Testing		Drilling Date Started 08/23/2017 MM/ DD/ YYYY	Drilling Date Completed 08/23/2017 MM /DD/ YYYY	Drilling Method H.S.A
WI Unique Well No. VR675	DNR Well ID No. MW-1R	Well Name	Final Static Water Level	Surface Elevation 940 Feet MSL
Local Grid Origin (estimated X) or Boring Location		Borehole Diameter 6"		
State Plane N, E		Lat 44° 27' 14" N		Local Grid Location N E
SE ¼ of SE ¼ of Section 22, T23N, R04W		Long 90° 50' 36" W		Feet S Feet W
Facility ID None	County Jackson	County Code 27	Civil Town / City / <u>Village</u> Village of Merrilan	

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	Blind drilled			See Well Construction Form							
			4	0-9' Tan sand and gravel (FILL)	FILL									
			10	9-13' Tan weathered sandstone										
			14	EOB @ 13 Feet. Installed monitoring well MW-1R to 13 feet with a 10 foot screen.										

Signature:

Firm: **METCO**

Synergy Environmental Lab,

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

MATHEW LECHNER
MATT LECHNER
PO BOX 86
BLACK RIVER FALLS, WI 54615

Report Date 11-Jul-17

Project Name DAVES GAS STATION FMR
Project #

Invoice # E33147

Lab Code 5033147A
Sample ID EX-1
Sample Matrix Soil
Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.6	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.246 "J"	mg/kg	0.095	0.3	5	GRO95/8021		7/7/2017	TCC	1
Ethylbenzene	4.6	mg/kg	0.05	0.16	5	GRO95/8021		7/7/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.125	mg/kg	0.0395	0.125	5	GRO95/8021		7/7/2017	TCC	1
Naphthalene	2.66	mg/kg	0.11	0.35	5	GRO95/8021		7/7/2017	TCC	1
Toluene	2.96	mg/kg	0.07	0.23	5	GRO95/8021		7/7/2017	TCC	1
1,2,4-Trimethylbenzene	14.6	mg/kg	0.05	0.16	5	GRO95/8021		7/7/2017	TCC	1
1,3,5-Trimethylbenzene	5.9	mg/kg	0.055	0.18	5	GRO95/8021		7/7/2017	TCC	1
m&p-Xylene	17.2	mg/kg	0.06	0.185	5	GRO95/8021		7/7/2017	TCC	1
o-Xylene	5.9	mg/kg	0.075	0.235	5	GRO95/8021		7/7/2017	TCC	1

Project #

Lab Code 5033147B
 Sample ID EX-2
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.3	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/8/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/8/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/8/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/8/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/8/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/8/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/8/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/8/2017	TCC	1

Lab Code 5033147C
 Sample ID EX-3
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.9	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/6/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/6/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/6/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/6/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/6/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/6/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/6/2017	TCC	1

Project Name DAVES GAS STATION FMR
 Project #

Invoice # E33147

Lab Code 5033147D
 Sample ID EX-4
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.0	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.125	mg/kg	0.095	0.3	5	GRO95/8021		7/8/2017	TCC	1
Ethylbenzene	< 0.125	mg/kg	0.05	0.16	5	GRO95/8021		7/8/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.125	mg/kg	0.0395	0.125	5	GRO95/8021		7/8/2017	TCC	1
Naphthalene	4.9	mg/kg	0.11	0.35	5	GRO95/8021		7/8/2017	TCC	1
Toluene	< 0.125	mg/kg	0.07	0.23	5	GRO95/8021		7/8/2017	TCC	1
1,2,4-Trimethylbenzene	7.8	mg/kg	0.05	0.16	5	GRO95/8021		7/8/2017	TCC	1
1,3,5-Trimethylbenzene	6.8	mg/kg	0.055	0.18	5	GRO95/8021		7/8/2017	TCC	1
m&p-Xylene	0.76	mg/kg	0.06	0.185	5	GRO95/8021		7/8/2017	TCC	1
o-Xylene	0.95	mg/kg	0.075	0.235	5	GRO95/8021		7/8/2017	TCC	1

Lab Code 5033147E
 Sample ID EX-5
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.8	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.77	mg/kg	0.095	0.3	5	GRO95/8021		7/7/2017	TCC	1
Ethylbenzene	9.4	mg/kg	0.05	0.16	5	GRO95/8021		7/7/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.125	mg/kg	0.0395	0.125	5	GRO95/8021		7/7/2017	TCC	1
Naphthalene	5.0	mg/kg	0.11	0.35	5	GRO95/8021		7/7/2017	TCC	1
Toluene	11.6	mg/kg	0.07	0.23	5	GRO95/8021		7/7/2017	TCC	1
1,2,4-Trimethylbenzene	26.9	mg/kg	0.05	0.16	5	GRO95/8021		7/7/2017	TCC	1
1,3,5-Trimethylbenzene	10.5	mg/kg	0.055	0.18	5	GRO95/8021		7/7/2017	TCC	1
m&p-Xylene	35	mg/kg	0.06	0.185	5	GRO95/8021		7/7/2017	TCC	1
o-Xylene	11.7	mg/kg	0.075	0.235	5	GRO95/8021		7/7/2017	TCC	1

Project #

Lab Code 5033147F
 Sample ID EX-6
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	2.65	mg/kg	0.19	0.6	10	GRO95/8021		7/7/2017	TCC	1
Ethylbenzene	13.1	mg/kg	0.1	0.32	10	GRO95/8021		7/7/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.079	0.25	10	GRO95/8021		7/7/2017	TCC	1
Naphthalene	8.4	mg/kg	0.22	0.7	10	GRO95/8021		7/7/2017	TCC	1
Toluene	18.9	mg/kg	0.14	0.46	10	GRO95/8021		7/7/2017	TCC	1
1,2,4-Trimethylbenzene	134	mg/kg	0.1	0.32	10	GRO95/8021		7/7/2017	TCC	1
1,3,5-Trimethylbenzene	73	mg/kg	0.11	0.36	10	GRO95/8021		7/7/2017	TCC	1
m&p-Xylene	66	mg/kg	0.12	0.37	10	GRO95/8021		7/7/2017	TCC	1
o-Xylene	27.6	mg/kg	0.15	0.47	10	GRO95/8021		7/7/2017	TCC	1

Lab Code 5033147G
 Sample ID EX-7
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.0	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.057 "J"	mg/kg	0.019	0.06	1	GRO95/8021		7/6/2017	TCC	1
Ethylbenzene	0.072	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/6/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/6/2017	TCC	1
Toluene	0.040 "J"	mg/kg	0.014	0.046	1	GRO95/8021		7/6/2017	TCC	1
1,2,4-Trimethylbenzene	0.211	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
1,3,5-Trimethylbenzene	0.097	mg/kg	0.011	0.036	1	GRO95/8021		7/6/2017	TCC	1
m&p-Xylene	0.233	mg/kg	0.012	0.037	1	GRO95/8021		7/6/2017	TCC	1
o-Xylene	0.144	mg/kg	0.015	0.047	1	GRO95/8021		7/6/2017	TCC	1

Project #

Lab Code 5033147H
 Sample ID EX-8
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.4	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.57	mg/kg	0.095	0.3	5	GRO95/8021		7/7/2017	TCC	1
Ethylbenzene	2.86	mg/kg	0.05	0.16	5	GRO95/8021		7/7/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.125	mg/kg	0.0395	0.125	5	GRO95/8021		7/7/2017	TCC	1
Naphthalene	1.77	mg/kg	0.11	0.35	5	GRO95/8021		7/7/2017	TCC	1
Toluene	0.79	mg/kg	0.07	0.23	5	GRO95/8021		7/7/2017	TCC	1
1,2,4-Trimethylbenzene	2.24	mg/kg	0.05	0.16	5	GRO95/8021		7/7/2017	TCC	1
1,3,5-Trimethylbenzene	3.5	mg/kg	0.055	0.18	5	GRO95/8021		7/7/2017	TCC	1
m&p-Xylene	2.22	mg/kg	0.06	0.185	5	GRO95/8021		7/7/2017	TCC	1
o-Xylene	0.89	mg/kg	0.075	0.235	5	GRO95/8021		7/7/2017	TCC	1

Lab Code 5033147I
 Sample ID EX-9
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.1	%			1	5021		6/29/2017	TCC	1
Organic										
PVOC + Naphthalene										
Benzene	0.0305 "J"	mg/kg	0.019	0.06	1	GRO95/8021		7/6/2017	TCC	1
Ethylbenzene	0.119	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/6/2017	TCC	1
Naphthalene	0.78	mg/kg	0.022	0.07	1	GRO95/8021		7/6/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/6/2017	TCC	1
1,2,4-Trimethylbenzene	0.81	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
1,3,5-Trimethylbenzene	0.73	mg/kg	0.011	0.036	1	GRO95/8021		7/6/2017	TCC	1
m&p-Xylene	0.249	mg/kg	0.012	0.037	1	GRO95/8021		7/6/2017	TCC	1
o-Xylene	0.226	mg/kg	0.015	0.047	1	GRO95/8021		7/6/2017	TCC	1

Project #

Lab Code 5033147J
 Sample ID MEOH BLANK
 Sample Matrix Soil
 Sample Date 6/21/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		7/6/2017	TCC	1
Ethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.0079	0.025	1	GRO95/8021		7/6/2017	TCC	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		7/6/2017	TCC	1
Toluene	< 0.025	mg/kg	0.014	0.046	1	GRO95/8021		7/6/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		7/6/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.011	0.036	1	GRO95/8021		7/6/2017	TCC	1
m&p-Xylene	< 0.05	mg/kg	0.012	0.037	1	GRO95/8021		7/6/2017	TCC	1
o-Xylene	< 0.025	mg/kg	0.015	0.047	1	GRO95/8021		7/6/2017	TCC	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

CHAIN OF CUSTODY RECORD

Synergy

Chain # No 3120

Page 1 of 1

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: _____
Sampler: (signature) *[Signature]*

Project (Name / Location): *Daves Gas Station - Former*

Reports To: *Matthew Lechner* Invoice To: *Same*

Company _____ Company *Copy metrics on*

Address *P.O. Box 86* Address *invoice + report*

City State Zip *Black River Falls* City State Zip _____

Phone *WE 54615* Phone _____

FAX _____ FAX _____

Analysis Requested		Other Analysis												
DFRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/FID
									X					
									X					
									X					
									X					
									X					
									X					
									X					
									X					
									X					
									X					
									X					
									X					

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
S033	Ex-1	6/23/17	440		X		1	S	MeOH
B	Ex-2	"	444		X		1	S	"
C	Ex-3	"	524		X		1	S	"
D	Ex-4	"	527		X		1	S	"
E	Ex-5		533		X		1	S	"
F	Ex-6		537		X		1	S	"
G	Ex-7		540		X		1	S	"
H	Ex-8		654		X		1	S	"
I	Ex-9		702		X		1	S	"
	MeOH blank								

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample integrity - To be completed by receiving lab.

Method of Shipment: *GC*

Temp. of Temp. Blank: _____ °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) _____ Time _____ Date _____

Received By: (sign) *[Signature]* Time: *8:00* Date: *6/23/17*

Synergy Environmental Lab,

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

MATT LECHNER
MATT LECHNER
PO BOX 86
BLACK RIVER FALLS, WI 54615

Report Date 04-Oct-17

Project Name DAVE'S GAS STATION
Project #

Invoice # E33645

Lab Code 5033645A
Sample ID MW-3
Sample Matrix Water
Sample Date 9/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		9/28/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		9/28/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		9/28/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		9/28/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		9/28/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		9/28/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/28/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		9/28/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		9/28/2017	TCC	1

Lab Code 5033645B
Sample ID MW-4
Sample Matrix Water
Sample Date 9/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	4.2	ug/l	0.27	0.87	1	GRO95/8021		9/28/2017	TCC	1
Ethylbenzene	1.37 "J"	ug/l	0.56	1.77	1	GRO95/8021		9/28/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		9/28/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		9/28/2017	TCC	1
Toluene	0.44 "J"	ug/l	0.33	1.06	1	GRO95/8021		9/28/2017	TCC	1
1,2,4-Trimethylbenzene	1.87	ug/l	0.56	1.78	1	GRO95/8021		9/28/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/28/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		9/28/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		9/28/2017	TCC	1

Project Name DAVE'S GAS STATION

Invoice # E33645

Project #

Lab Code 5033645C

Sample ID MW-5

Sample Matrix Water

Sample Date 9/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.27 "J"	ug/l	0.27	0.87	1	GRO95/8021		9/28/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		9/28/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		9/28/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		9/28/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		9/28/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		9/28/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/28/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		9/28/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		9/28/2017	TCC	1

Lab Code 5033645D

Sample ID MW-2

Sample Matrix Water

Sample Date 9/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	< 0.9	ug/L	0.9		3 1	7421		9/29/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		9/28/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		9/28/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		9/28/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		9/28/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		9/28/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		9/28/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/28/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		9/28/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		9/28/2017	TCC	1

Project #

Lab Code 5033645E
 Sample ID MW-1R
 Sample Matrix Water
 Sample Date 9/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic										
Metals										
Lead, Dissolved	5.0	ug/L	0.9	3	1	7421		9/29/2017	CWT	1
Organic										
PVOC + Naphthalene										
Benzene	700	ug/l	13.5	43.5	50	GRO95/8021		9/29/2017	TCC	1
Ethylbenzene	750	ug/l	28	88.5	50	GRO95/8021		9/29/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 21.5	ug/l	21.5	68	50	GRO95/8021		9/29/2017	TCC	1
Naphthalene	440	ug/l	85	263.5	50	GRO95/8021		9/29/2017	TCC	1
Toluene	2080	ug/l	16.5	53	50	GRO95/8021		9/29/2017	TCC	1
1,2,4-Trimethylbenzene	1420	ug/l	28	89	50	GRO95/8021		9/29/2017	TCC	1
1,3,5-Trimethylbenzene	680	ug/l	29	92	50	GRO95/8021		9/29/2017	TCC	1
m&p-Xylene	3500	ug/l	55	174.5	50	GRO95/8021		9/29/2017	TCC	1
o-Xylene	1250	ug/l	30.5	96	50	GRO95/8021		9/29/2017	TCC	1

Lab Code 5033645F
 Sample ID TB
 Sample Matrix Water
 Sample Date 9/26/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		9/28/2017	TCC	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		9/28/2017	TCC	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		9/28/2017	TCC	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		9/28/2017	TCC	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		9/28/2017	TCC	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		9/28/2017	TCC	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		9/28/2017	TCC	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		9/28/2017	TCC	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		9/28/2017	TCC	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

CHAIN OF CUSTODY RECORD

Synergy

Chain # No 3056

Page 1 of 1

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. # _____
Account No.: _____ Quote No.: _____
Project It: _____
Sampler: (signature) *Bryan Sygna*

Project (Name / Location): *Davis Gas Station / Merrilan*
Reports To: *Matt Lechner* Invoice To: *Matt Lechner*
Company: _____ Company: *C/O METCO*
Address: *P.O. Box 86* Address: *709 Gillette Street, Suite 3*
City State Zip: *Black River Falls, WI 54615* City State Zip: *La Crosse, WI 54603*
Phone: _____ Phone: _____
FAX: _____ FAX: _____

								Analysis Requested										Other Analysis								
Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dispersed)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID:	FID:	
5033645A	MW-3	7/26/17	1000			N	3	GW	HCl										X							
B	MW-4		1035				3												X							
D	MW-5		1110				3												X							
E	MW-2		1140			Y	4		HCl, HNO3			X							X							
F	MW-1R		1220			Y	4					X							X							
	TB						1		HCl										X							

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
* U + C rates apply
* Agent Status

Sample Integrity - To be completed by receiving lab
Method of Shipment: *GA*
Temp. of Temp. Blank: _____ °C On Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Bryan Sygna* Time: *9/24/17* Date: *3:15 PM*
Received By: (sign) _____ Time: _____ Date: _____
Received in Laboratory By: *[Signature]* Time: *8:00* Date: *9/24/17*