



Excellence through experience™

03-57-258614

Dick's Car Care

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

September 4, 2014

BRRTS #: 03-57-258614
PECFA #: 53913-2101-20

Randall Maass
Wisconsin Department of Natural Resources
3911 Fish Hatchery Rd
Fitchburg, WI 53711

RECEIVED

SEP - 9 2014

DNR R & R
SOUTH CENTRAL REGION

Subject: Dick's Car Care – Letter Report

Dear Mr. Maass,

Enclosed is the report for the Dick's Car Care site located in Baraboo, Wisconsin. **This completes the Public Bid Deferred Workscope approved January 24, 2014.**

Free Product Recovery

On April 7, 2014, METCO checked monitoring well MW-2 for free product which showed 24 inches of product with approximately 0.67 gallons removed via hand bailing during the event. Free product levels and recovery are summarized in the attached Free Product Recovery Table.

Groundwater Monitoring

On April 7, 2014, METCO personnel collected groundwater samples from two monitoring wells and one piezometer well (MW-3, MW-2 and PZ-1) for laboratory analysis (PVOC+ Naphthalene+1,2-DCA and EDB). Water level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity measurements were collected from all sampled wells. Water levels were also collected from Smith Oil site wells MW-8, PZ-5, and PZ-8. Please note that Smith Oil site monitoring wells MW-6 and MW-7 could not be accessed for water level measurements as bailers were frozen in the wells.

Hydraulic-Conductivity Testing

On April 7, 2014, METCO conducted slug tests on monitoring wells MW-2 and MW-3, and also piezometer PZ-1. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as follows:

Monitoring Well MW-2

Hydraulic Conductivity = 0.0000360 cm/sec

Transmissivity = 0.0324 cm²/sec

Flow Velocity (V=KI/n) = 0.21928 m/yr

Monitoring Well MW-3

Hydraulic Conductivity = 0.000634 cm/sec

Transmissivity = 0.514 cm²/sec

Flow Velocity (V=KI/n) = 3.86598 m/yr

Piezometer PZ-1

Hydraulic Conductivity = 0.000978 cm/sec

Transmissivity = 0.882 cm²/sec

Flow Velocity (V=KI/n) = 5.96633 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottom of piezometer PZ-1 was assumed as the lower extent of the aquifer for calculation purposes.

Discussion of Results

Free Product

Free product continues to be encountered in monitoring well MW-2 and levels have steadily increased. On July 18, 2012, 0.11 gallons were recovered, while in the most recent event (April 7, 2014) 0.67 gallons was recovered.

Groundwater

Monitoring well MW-2: Continues to show NR140 Enforcement Standard (ES) exceedance for Benzene (700 ppb), 1,2-Dichloroethane (1,360 ppb), EDB (1,170), Ethylbenzene (1,270 ppb), MTBE (198 ppb), Naphthalene (530 ppb), Toluene (11,700 ppb), Trimethylbenzenes (1,136 ppb) and Xylene (5,950 ppb). Based on historic groundwater results, the contaminant concentrations appear to range from stable to increasing.

Monitoring well MW-3: Currently shows a NR140 Preventive Action Limit (PAL) exceedance for Benzene (0.5 ppb). The previous sampling round showed an ES exceedance for Benzene (12 ppb). Based on historic groundwater results, the contaminant concentrations appear to be decreasing.

Piezometer PZ-1: Continues to show a ES exceedance for Benzene (1,560 ppb), 1,2-Dichloroethane (630 ppb), and MTBE (570 ppb). It also shows a PAL exceedance for Ethylbenzene (198 ppb). Based on historic groundwater results, the contaminant concentrations appear to be stable to increasing.

Conclusions/Recommendations

Due to the elevated levels of petroleum contamination in monitoring well MW-2, piezometer PZ-1, along with the presence of free product (24 inches) in MW-2, additional groundwater monitoring and/or remediation may likely be required to bring the site toward closure. If so, please contact METCO to discuss additional workscope and cost.

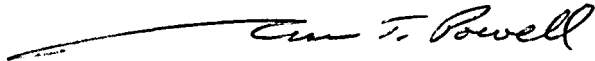
However, if the state determines closure is a viable option at this time based on the overall contaminant trends and lack of receptors, please contact METCO to discuss closure costs.

A Detailed Site Map, Groundwater Contaminant Plume Map, Data Tables, Hydraulic-Conductivity Testing Results, and Laboratory Documents have been attached.

Please note that no groundwater flow maps were produced due to the free product in monitoring well MW-2 and that all other accessible wells are in a straight line (including piezometers). However, historical groundwater flow in this area is toward the east/southeast.

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

Sincerely,

A handwritten signature in black ink that reads "Jason T. Powell". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

Jason T. Powell
Staff Scientist

Attachments

c: Dave Christian - Client

Summary of Free Product Levels & Recovery
Dick's Car Care BRRTS# 03-57-258614

DATE		MW-2	GALS REC./PERIOD	TOT GALS RECOVERED
03/17/10	Inches of FP	0.00	0.00	0.00
	Gals Rec. w/ Absorbent Sock	0.00		
	Gals Rec. w/ Bailer	0		
06/22/10	Inches of FP	0.00	0.00	0.00
	Gals Rec. w/ Absorbent Sock	0.00		
	Gals Rec. w/ Bailer	0		
10/20/11	Inches of FP	2.50	0.11	0.11
	Gals Rec. w/ Absorbent Sock	No Sock		
	Gals Rec. w/ Bailer	0.11		
01/18/12	Inches of FP	5.50	0.26	0.37
	Gals Rec. w/ Absorbent Sock	No Sock		
	Gals Rec. w/ Bailer	0.26		
04/18/12	Inches of FP	1.50	0.10	0.47
	Gals Rec. w/ Absorbent Sock	No Sock		
	Gals Rec. w/ Bailer	0.10		
07/18/12	Inches of FP	3.50	0.11	0.58
	Gals Rec. w/ Absorbent Sock	No Sock		
	Gals Rec. w/ Bailer	0.11		
04/07/14	Inches of FP	24.00	0.67	1.25
	Gals Rec. w/ Absorbent Sock	No Sock		
	Gals Rec. w/ Bailer	0.67		

A.7 Water Level Elevations
Dick's Car Care BRRTS# 03-57-258614
Baraboo, sconsin

	MW-2	MW-3	MW-6 (Smith Oil)	MW-7 (Smith Oil)	MW-8 (Smith Oil)	PZ-1	PZ-5 (Smith Oil)	PZ-8 (Smith Oil)
<i>pvc top (ft)</i>	880.81	880.46	878.94	877.6	877.52	880.88	878.6	877.62

<i>Date</i>								
03/17/10	833.39	833.38	833.66	833.52	833.60	NI	834.69	833.49
06/22/10	833.49	833.55	833.87	833.59	833.74	NI	833.58	833.57
06/13/11	833.86	833.97	835.25	835.03	835.04	NI	834.97	835.05
10/20/11	833.59	834.05	834.45	834.17	834.2	833.85	834.12	834.22
12/12/11	833.42	833.92	834.31	834.05	834.09	833.76	834.00	834.08
01/18/12	FP	833.94	834.36	834.08	834.16	833.75	834.05	834.07
04/18/12	833.14	833.40	833.79	833.5	833.57	833.26	833.48	833.65
07/18/12	832.33	832.78	833.16	832.89	832.94	832.65	833.34	833.00
04/07/14	831.35	832.05	CNA	CNA	832.19	832.06	832.13	831.78

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

NI = Not Installed

FP = Free Product

CNA = Could Not Access

A.1 Groundwater Analytical Table
Dick's Car Care BRRS# 03-57-258614

Well MW-2

PVC Elevation = 880.81 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromoethane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)	
03/17/10	833.39	47.42	NS	10900	NS	NS	930	1070	370	12800	600-900	4780	
06/22/10	833.49	47.32	NS	11400	NS	NS	970	1140	330	12700	149-168	4440	
06/13/11	833.86	46.95	NS	NOT SAMPLED									
10/20/11	833.59	47.22	5.6	9700	1440	1270	960	650	287	11100	833	4820	
12/12/11	833.42	47.39	NS	NOT SAMPLED									
01/18/12	FREE PRODUCT			NS	9500	1910	1390	1190	700	312	11500	1038	5380
04/18/12	833.14	47.67	NS	7500	1150	1270	1310	620	490	11800	1540	6450	
07/18/12	832.33	48.48	NS	8900	920	1140	1050	600	370	11400	967	5160	
04/07/14	831.35	49.46	NS	7800	1360	1170	1270	198	530	11700	1136	5950	
ENFORCEMENT STANDARD = ES - Bold			5	5	5	0.55	700	60	100	800	480	2000	
PREVENTIVE ACTION LIMIT = PAL - Italics			0.5	0.5	0.5	0.005	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 = 880.46 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromoethane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
03/17/10	833.38	47.08	NS	560	NS	NS	<43.5	<25	<85	<25.5	<130	<106.5
06/22/10	833.55	46.91	NS	620	NS	NS	30.8	<4.9	<12	14.6	68	59.5
06/13/11	833.97	46.49	NS	NOT SAMPLED								
10/20/11	834.05	46.41	<0.7	99	<5	<6.3	10.2	<8	<21	<5.3	<15.4	<19
12/12/11	833.92	46.54	NS	NOT SAMPLED								
01/18/12	833.94	46.52	NS	83	<5	<6.3	7.8	<8	<21	<5.3	<15.4	<19
04/18/12	833.40	47.06	NS	39	<0.5	<0.63	4.5	<0.8	<2.1	1.39	<1.54	1.18-1.98
07/18/12	832.78	47.68	NS	12	<0.5	<0.63	2.02	<0.8	<2.1	1.07	<1.54	<1.9
04/07/14	832.05	48.41	NS	0.5	<0.41	<0.44	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
ENFORCEMENT STANDARD = ES - Bold			5	5	5	0.55	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT = PAL - Italics			0.5	0.5	0.5	0.005	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-6 (Smith Oil)

PVC Elevation = 878.94 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromoethane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
03/17/10	833.66	45.28	NOT SAMPLED									
06/22/10	833.87	45.07	NS	<0.38	NS	NS	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
06/13/11	835.25	43.69	NS	<0.5	NS	NS	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
10/20/2011	834.45	44.49	NOT SAMPLED									
01/18/12	834.36	44.58	NOT SAMPLED									
04/18/12	833.79	45.15	NOT SAMPLED									
07/18/12	833.16	45.78	NOT SAMPLED									
04/07/14	COULD NOT ACCESS - BAILER FROZEN											
ENFORCEMENT STANDARD = ES - Bold			5	5	5	0.55	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT = PAL - Italics			0.5	0.5	0.5	0.005	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
Dick's Car Care BRRS# 03-57-258614

Well PZ-1

PVC Elevation = 880.88 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromothane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
10/20/2011	833.85	47.03	0.7	730	190	37	34	208	<21	44	10.1-17.5	45-46.8
12/12/11	833.76	47.12	NS									
01/18/12	833.75	47.13	NS	2860	530	68	173	490	<105	122	55-92	257-297
04/18/12	833.26	47.62	NS	2920	380	48	264	480	<105	86	167	294-334
07/18/12	832.65	48.23	NS	3600	330	61	330	570	44	50	159	229.2
04/07/14	832.06	48.82	NS	1560	630	<22	198	570	<85	<34.5	<180	<66
ENFORCEMENT STANDARD = ES - Bold			5	5	5	0.55	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT = PAL - Italics			0.5	0.5	0.5	0.005	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 PZ-5 (Smith Oil)

PVC Elevation = 878.60 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromothane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
03/17/10	833.49	45.11	NS	5.6	NS	NS	<0.87	170	<1.7	<0.51	1.76-3.26	9.1-9.63
06/22/10	833.57	45.03	NS	3.5	NS	NS	<0.55	165	<2.4	<0.72	0.86-1.41	6.3-6.82
06/13/11	835.05	43.55	NS	<0.5	NS	NS	<0.78	2.53	<2.1	<0.53	<1.54	<1.9
10/20/2011	834.12	44.48										
01/18/12	834.05	44.55										
04/18/12	833.48	45.12										
07/18/12	833.34	45.26										
04/07/14	832.13	46.47										
ENFORCEMENT STANDARD = ES - Bold			5	5	5	0.55	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT = PAL - Italics			0.5	0.5	0.5	0.005	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 PZ-8 (Smith Oil)

PVC Elevation = 877.62 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromothane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
03/17/10	834.69	42.93	NS		NS	NS						
06/22/10	833.58	44.04	NS		NS	NS						
06/13/11	834.97	42.65	NS		NS	NS						
10/20/2011	834.22	43.40										
01/18/12	834.07	43.55										
04/18/12	833.65	43.97										
07/18/12	833.00	44.62										
04/07/14	831.78	45.84										
ENFORCEMENT STANDARD = ES - Bold			5	5	5	0.55	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT = PAL - Italics			0.5	0.5	0.5	0.005	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
Dick's Car Care BRRTS# 03-57-258614

Well MW-7 (Smith Oil)

PVC Elevation = 877.60 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromothane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
03/17/10	833.52	44.08	NS	<0.4	NS	NS	<0.65	<0.49	<1.2	<0.86	<1.49	<2.15
06/22/10	833.59	44.01	NS	<0.38	NS	NS	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
06/13/11	835.03	42.57	NS	<0.5	NS	NS	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
10/20/2011	834.17	43.43	NOT SAMPLED									
01/18/12	834.08	43.52	NOT SAMPLED									
04/18/12	833.50	44.10	NOT SAMPLED									
07/18/12	832.89	44.71	NOT SAMPLED									
04/07/14	COULD NOT ACCESS - BAILER FROZEN											
ENFORCEMENT STANDARD = ES - Bold			5	5	5	0.55	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT = PAL - Italics			0.5	0.5	0.5	0.005	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-8 (Smith Oil)

PVC Elevation = 877.52 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	1,2-Dichloroethane (ppb)	1,2-Dibromothane (EDB) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
03/17/10	833.60	43.92	NS	<0.41	NS	NS	<0.87	6.6	<1.7	<0.51	<2.6	<2.13
06/22/10	833.74	43.78	NS	<0.38	NS	NS	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
06/13/11	835.04	42.48	NS	<0.5	NS	NS	<0.78	4.5	<2.1	<0.53	<1.54	<1.9
10/20/2011	834.20	43.32	NOT SAMPLED									
01/18/12	834.16	43.36	NOT SAMPLED									
04/18/12	833.57	43.95	NOT SAMPLED									
07/18/12	832.94	44.58	NOT SAMPLED									
04/07/14	832.19	45.33	NOT SAMPLED									
ENFORCEMENT STANDARD = ES - Bold			15	5	5	0.55	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT = PAL - Italics			1.5	0.5	0.5	0.005	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.8 Other
 Groundwater NA Indicator Results
 Dick's Car Care BRRTS# 03-57-258614

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/07/14	0.48	6.76	-42	12.5	15	NS	NS	NS	NS
ENFORCEMENT 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
 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)
04/07/14	1.59	6.58	202	12.3	2087	NS	NS	NS	NS
ENFORCEMENT 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
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-6 (Smith Oil)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/07/14	COULD NOT ACCESS - BAILER FROZEN					NS	NS	NS	NS
ENFORCEMENT 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
 Note: Elevations are presented in feet mean sea level (msl).

Well MW-7 (Smith Oil)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/07/14	COULD NOT ACCESS - BAILER FROZEN					NS	NS	NS	NS
ENFORCEMENT 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
 Note: Elevations are presented in feet mean sea level (msl).

A.8 Other

**Groundwater NA Indicator Results
Dick's Car Care BRRTS# 03-57-258614**

Well MW-8 (Smith Oil)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/07/14	NOT SAMPLED					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
 Note: Elevations are presented in feet mean sea level (msl).

Well PZ-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/07/14	1.14	7.16	-97	12.8	1601	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
 Note: Elevations are presented in feet mean sea level (msl).

Well PZ-5 (Smith Oil)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/07/14	COULD NOT ACCESS - BAILER FROZEN					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
 Note: Elevations are presented in feet mean sea level (msl).

Well PZ-8 (Smith Oil)

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
04/07/14	NOT SAMPLED					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
 Note: Elevations are presented in feet mean sea level (msl).

**Dick's Car Care
Slug Test Calculations**

MW-2

	ft/s	cm/s	m/yr
K	1.18E-06	3.60E-05	11.34
	sq ft/s	sq cm/s	
T	3.49E-05	3.24E-02	

MW-3

	ft/s	cm/s	m/yr
K	2.08E-05	6.34E-04	199.93
	sq ft/s	sq cm/s	
T	5.53E-04	5.14E-01	

PZ-1

	ft/s	cm/s	m/yr
K	3.21E-05	9.78E-04	308.55
	sq ft/s	sq cm/s	
T	9.50E-04	8.82E-01	

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
6/22/2010	834.25	833.50	170	0.0044118
6/13/2011	835.75	834.00	193	0.0090674
12/12/2011	834.50	833.50	149	0.0067114
1/18/2012	834.25	834.00	78	0.0032051
4/18/2012	833.75	833.25	100	0.0050000
7/18/2012	833.00	832.50	78	0.0064103
			Average	0.0058010

	K (m/yr)	I	n	Flow Velocity (m/yr)
MW-2	11.34	0.0058010	0.3	0.21928
MW-3	199.93	0.0058010	0.3	3.86598
PZ-1	308.55	0.0058010	0.3	5.96633

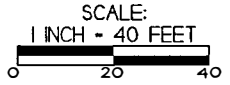
DETAILED SITE MAP

DICK'S CAR CARE

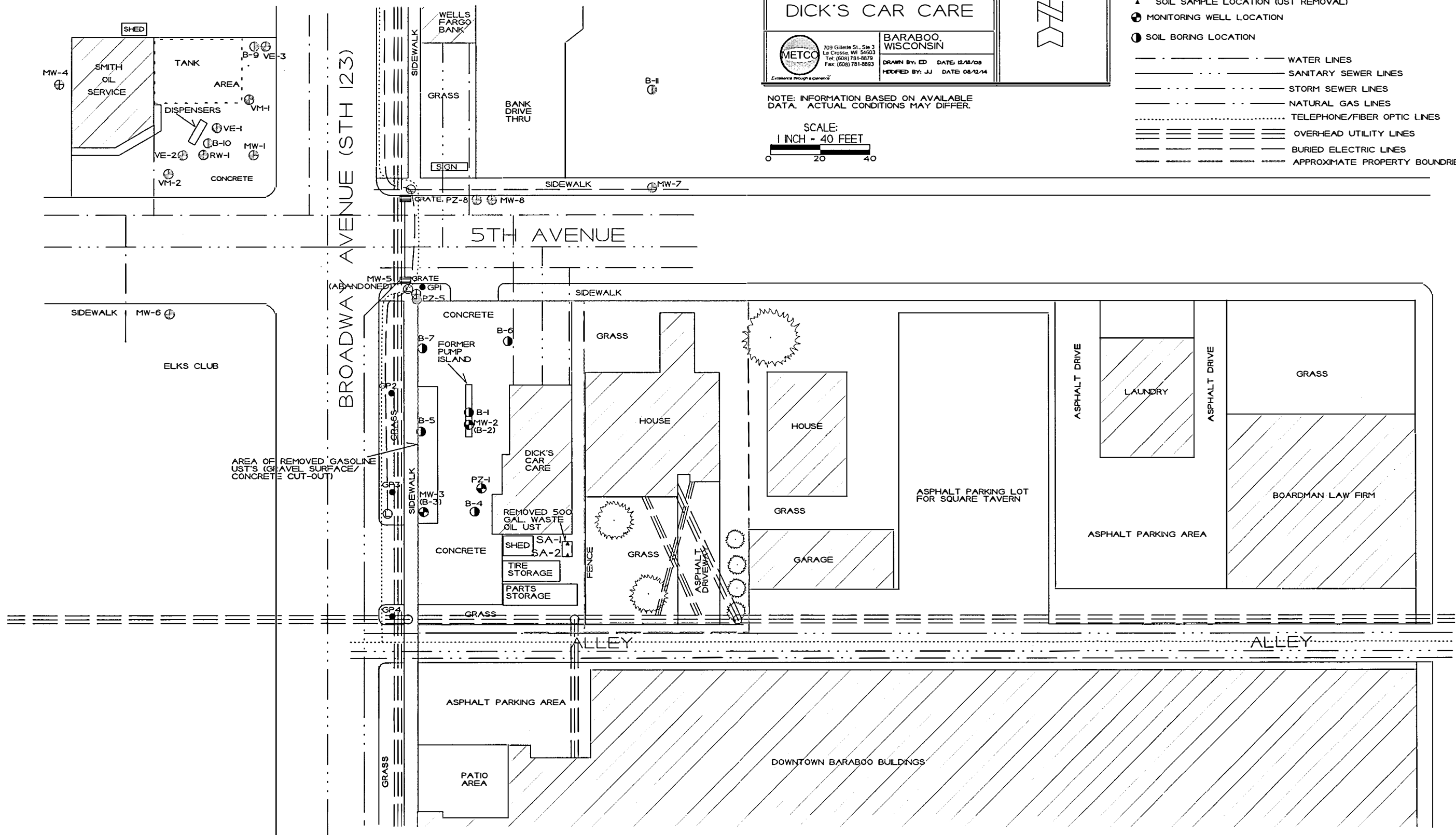
METCO
709 Gillette St., Ste 3
Lyonsville, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893

BARABOO, WISCONSIN
DRAWN BY: ED DATE 12/18/08
CHECKED BY: JJ DATE 08/12/14

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




- ⊕ MONITORING/REMEDIAL WELL LOCATION (SMITH OIL SERVICE)
 - ⊖ SOIL BORING LOCATION (SMITH OIL SERVICE)
 - GEOPROBE BORING LOCATION (P2ESA)
 - ▲ SOIL SAMPLE LOCATION (UST REMOVAL)
 - ⊕ MONITORING WELL LOCATION
 - ⊖ SOIL BORING LOCATION
-
- WATER LINES
 - SANITARY SEWER LINES
 - STORM SEWER LINES
 - NATURAL GAS LINES
 - TELEPHONE/FIBER OPTIC LINES
 - OVER-HEAD UTILITY LINES
 - BURIED ELECTRIC LINES
 - APPROXIMATE PROPERTY BOUNDRIES



GROUNDWATER
ISOCONCENTRATION
MAP (04/07/2014)

DICK'S CAR CARE



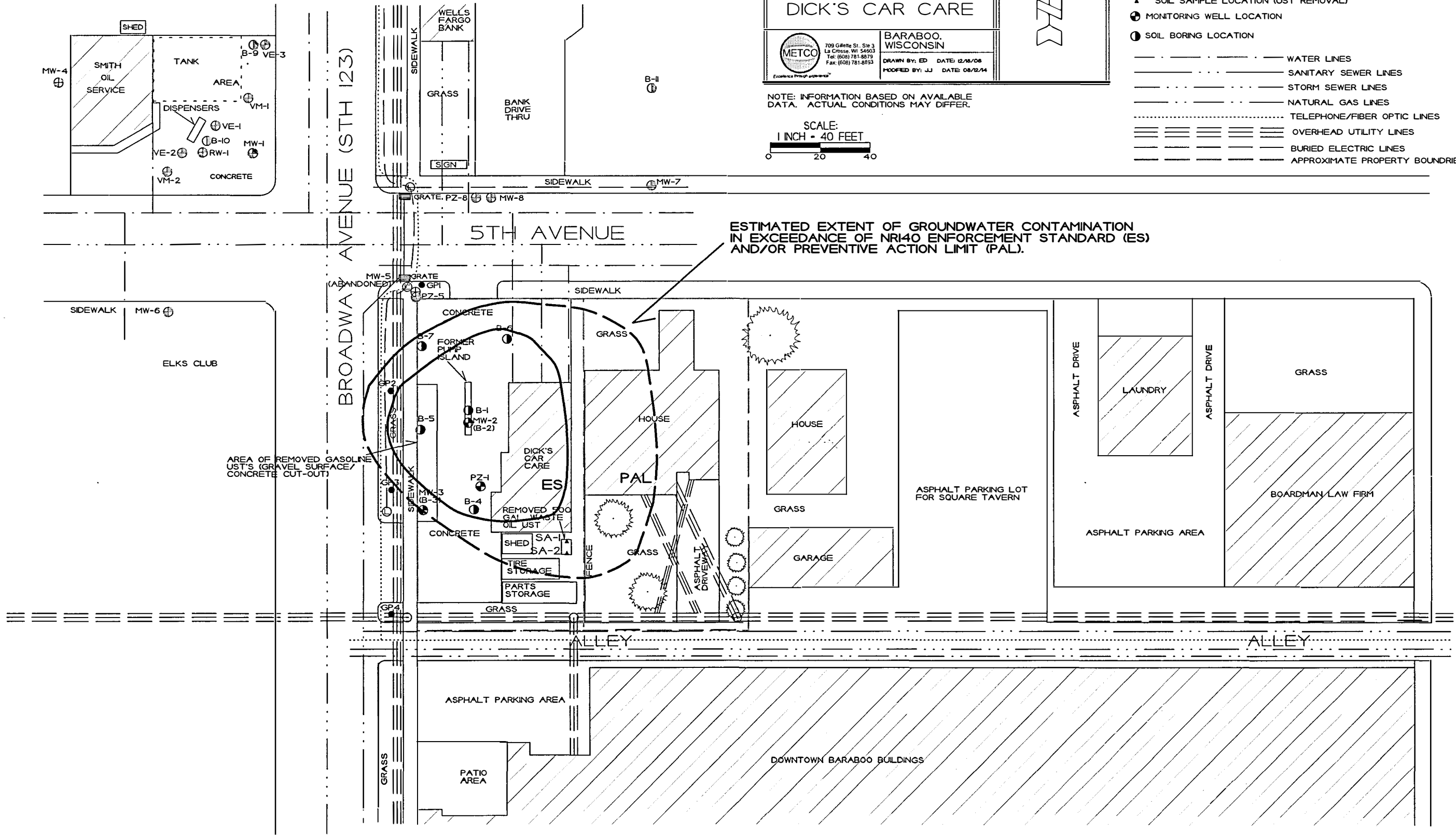
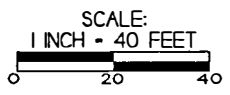
709 Gillette St., Ste. 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8853

**BARABOO,
WISCONSIN**

DRAWN BY: ED DATE 12/18/08
CHECKED BY: JU DATE 08/12/14

- ⊕ MONITORING/REMEDIAL WELL LOCATION (SMITH OIL SERVICE)
 - ⊙ SOIL BORING LOCATION (SMITH OIL SERVICE)
 - GEOPROBE BORING LOCATION (P2ESA)
 - ▲ SOIL SAMPLE LOCATION (UST REMOVAL)
 - ⊕ MONITORING WELL LOCATION
 - ⊙ SOIL BORING LOCATION
-
- WATER LINES
 - SANITARY SEWER LINES
 - STORM SEWER LINES
 - NATURAL GAS LINES
 - TELEPHONE/FIBER OPTIC LINES
 - OVERHEAD UTILITY LINES
 - BURIED ELECTRIC LINES
 - APPROXIMATE PROPERTY BOUNDRIES

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

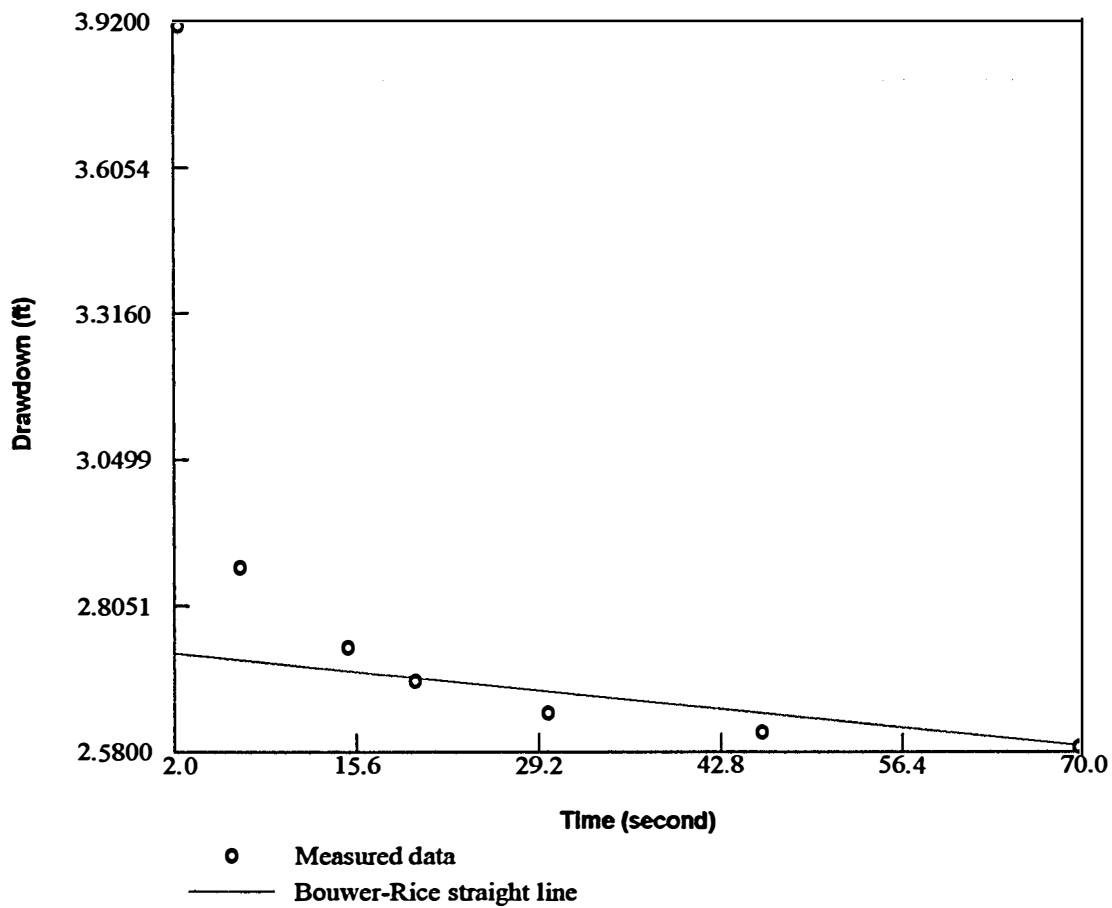


ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
IN EXCEEDANCE OF NRI40 ENFORCEMENT STANDARD (ES)
AND/OR PREVENTIVE ACTION LIMIT (PAL).

AREA OF REMOVED GASOLINE
UST'S (GRAVEL SURFACE/
CONCRETE CUT-OUT)

REMOVED 500
GAL WASTE
OIL UST

DOWNTOWN BARABOO BUILDINGS



Aquifer Parameters by the Bouwer and Rice Slug Test

Hydraulic Conductivity (ft/s):	1.18e-006
Transmissivity (sq ft/s):	3.49e-005

Dick's Car Care MW-2

Dick's Car Care
MW-2 Slug In

SE20 0
Environmeal Logger
01/01 0 1:17

Unit# 281 Test 10

Setups: INPUT 1

Type Level (F)
Mode TOC
I.D.

Reference 49.46
PSI at Ref. 5.25
SG 1
Linearity 0
Scale facto 16
Offset 4
Delay mSEC 50

Step 0 01/ 3:37:46

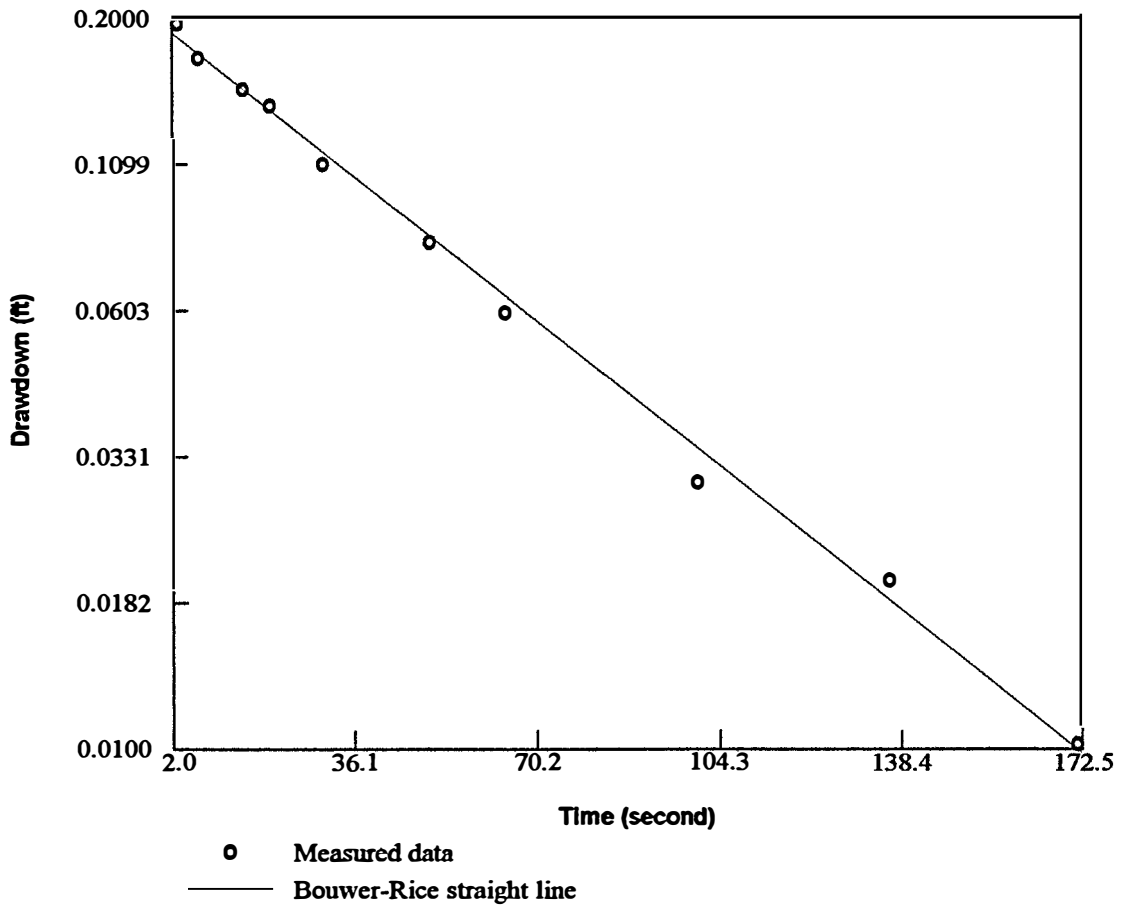
Elapsed Time	INPUT 1	Time(sec)	Drawdown	Time
-----	-----			Adjusted
0	48.19	0	1.27	
0.01	48.19	0.5	1.27	
0.02	48.19	1	1.27	
0.03	48.19	1.5	1.27	
0.03	48.19	2	1.27	
0.04	48.19	2.5	1.27	
0.05	48.19	3	1.27	
0.06	48.19	3.5	1.27	
0.07	48.19	4	1.27	
0.08	48.19	4.5	1.27	
0.08	48.2	5	1.26	
0.09	48.2	5.5	1.26	
0.1	48.18	6	1.28	
0.11	48.16	6.5	1.3	
0.12	48.17	7	1.29	
0.13	48.18	7.5	1.28	
0.13	48.16	8	1.3	
0.14	48.18	8.5	1.28	
0.15	48.19	9	1.27	
0.16	48.18	9.5	1.28	
0.17	48.17	10	1.29	

Dick's Car Care
MW-2 Slug In

0.18	48.18	10.5	1.28	
0.18	48.18	11	1.28	
0.19	48.16	11.5	1.3	
0.2	48.17	12	1.29	
0.21	48.18	12.5	1.28	
0.22	48.17	13	1.29	
0.23	48.16	13.5	1.3	
0.23	48.16	14	1.3	
0.24	48.18	14.5	1.28	
0.25	48.17	15	1.29	
0.26	48.16	15.5	1.3	
0.27	48.17	16	1.29	
0.28	48.16	16.5	1.3	
0.28	48.16	17	1.3	
0.29	48.17	17.5	1.29	
0.3	48.17	18	1.29	
0.31	48.16	18.5	1.3	
0.32	48.16	19	1.3	
0.33	48.17	19.5	1.29	
0.33	48.16	20	1.3	
0.35	48.17	21	1.29	
0.37	48.15	22	1.31	
0.38	48.15	23	1.31	
0.4	48.17	24	1.29	
0.42	48.16	25	1.3	
0.43	48.1	26	1.36	
0.45	48	27	1.46	
0.47	45.54	28	3.92	2
0.48	46.4	29	3.07	3
0.5	46.41	30	3.06	4
0.52	46.51	31	2.95	5
0.53	46.56	32	2.9	6
0.55	46.59	33	2.87	7
0.57	46.61	34	2.85	8
0.58	46.63	35	2.83	9
0.6	46.65	36	2.81	10
0.62	46.67	37	2.79	11
0.63	46.68	38	2.78	12
0.65	46.7	39	2.76	13
0.67	46.71	40	2.75	14
0.68	46.72	41	2.74	15
0.7	46.73	42	2.73	16
0.72	46.74	43	2.72	17
0.73	46.75	44	2.71	18
0.75	46.76	45	2.7	19
0.77	46.77	46	2.69	20
0.78	46.78	47	2.68	21

Dick's Car Care
MW-2 Slug In

0.8	46.78	48	2.68	22
0.82	46.79	49	2.67	23
0.83	46.79	50	2.67	24
0.85	46.8	51	2.66	25
0.87	46.8	52	2.66	26
0.88	46.8	53	2.66	27
0.9	46.81	54	2.65	28
0.92	46.82	55	2.64	29
0.93	46.82	56	2.64	30
0.95	46.82	57	2.64	31
0.97	46.82	58	2.64	32
0.98	46.83	59	2.63	33
1	46.83	60	2.63	34
1.2	46.86	72	2.61	46
1.4	46.87	84	2.59	58
1.6	46.88	96	2.58	70



Aquifer Parameters by the Bower and Rice Slug Test

Hydraulic Conductivity (ft/s):	2.08e-005
Transmissivity (sq ft/s):	5.53e-004

Dick's Car Care MW-3

Dick's Car Care
 MW-3 Slug Out

SE20 0
 Environmeal Logger
 01/01 0 1:33

Unit# 281 Test 1

Setups: INPUT 1

 Type Level (F)
 Mode TOC
 I.D.

Reference 48.41
 PSI at Ref. 7.4
 SG 1
 Linearity 0
 Scale facto 16
 Offset 4
 Delay mSEC 50

Step 0 01/ 0:17:09

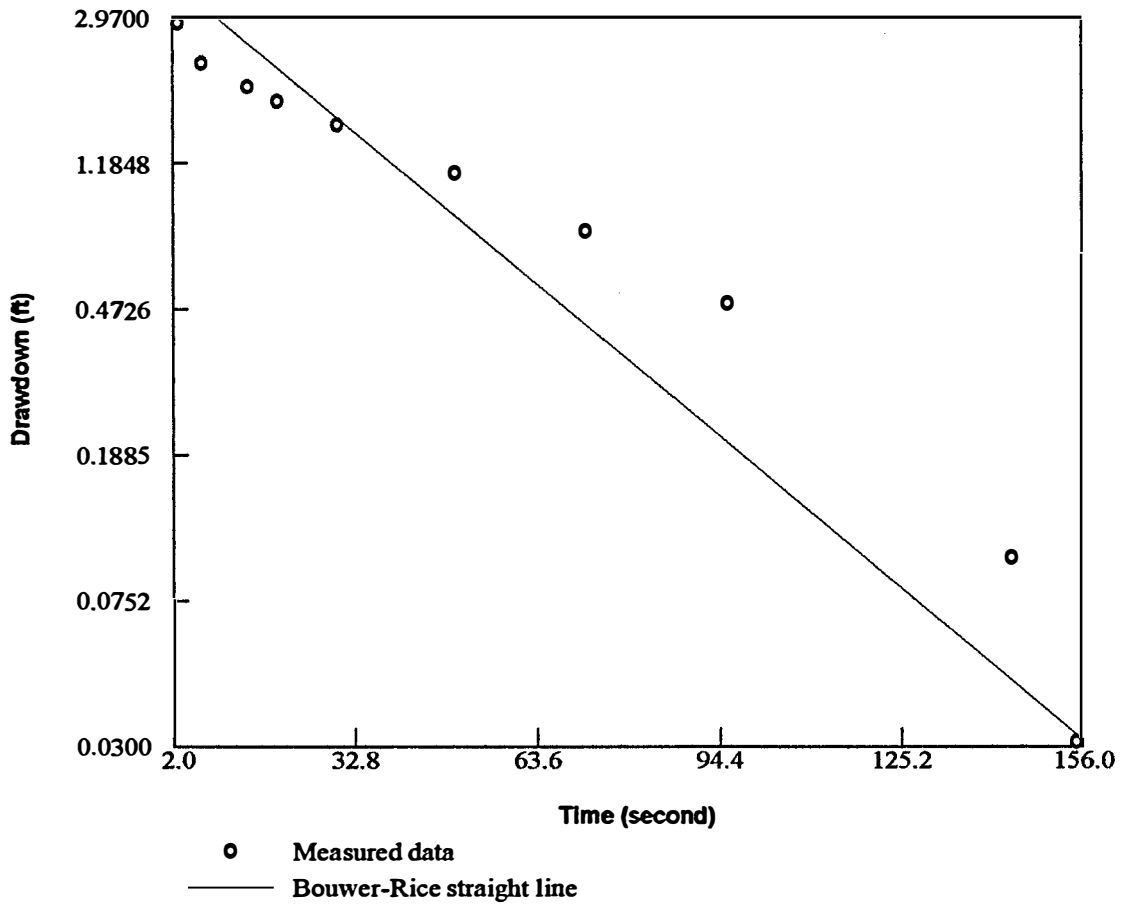
Elapsed Time	INPUT 1	Time(sec)	Drawdown	Adjusted Time
0	48.44	0	0.03	
0.01	48.44	0.5	0.03	
0.02	48.44	1	0.03	
0.03	48.44	1.5	0.03	
0.03	48.54	2	0.13	
0.04	48.28	2.5	-0.13	
0.05	48.24	3	-0.17	
0.06	48.15	3.5	-0.26	
0.07	48.22	4	-0.19	
0.08	48.24	4.5	-0.17	
0.08	48.26	5	-0.15	
0.09	48.28	5.5	-0.13	
0.1	48.3	6	-0.11	
0.11	48.31	6.5	-0.1	
0.12	48.29	7	-0.12	
0.13	48.29	7.5	-0.12	
0.13	48.27	8	-0.14	
0.14	48.26	8.5	-0.15	
0.15	48.22	9	-0.19	
0.16	48.21	9.5	-0.2	2
0.17	48.22	10	-0.19	2.5

Dick's Car Care
MW-3 Slug Out

0.18	48.23	10.5	-0.18	3
0.18	48.22	11	-0.19	3.5
0.19	48.23	11.5	-0.18	4
0.2	48.23	12	-0.18	4.5
0.21	48.24	12.5	-0.17	5
0.22	48.24	13	-0.17	5.5
0.23	48.25	13.5	-0.16	6
0.23	48.24	14	-0.17	6.5
0.24	48.24	14.5	-0.17	7
0.25	48.25	15	-0.16	7.5
0.26	48.24	15.5	-0.17	8
0.27	48.23	16	-0.18	8.5
0.28	48.24	16.5	-0.17	9
0.28	48.24	17	-0.17	9.5
0.29	48.24	17.5	-0.17	10
0.3	48.24	18	-0.17	10.5
0.31	48.24	18.5	-0.17	11
0.32	48.25	19	-0.16	11.5
0.33	48.25	19.5	-0.16	12
0.33	48.25	20	-0.16	12.5
0.35	48.25	21	-0.16	13.5
0.37	48.25	22	-0.16	14.5
0.38	48.26	23	-0.15	15.5
0.4	48.26	24	-0.15	16.5
0.42	48.27	25	-0.14	17.5
0.43	48.27	26	-0.14	18.5
0.45	48.27	27	-0.14	19.5
0.47	48.27	28	-0.14	20.5
0.48	48.28	29	-0.13	21.5
0.5	48.28	30	-0.13	22.5
0.52	48.28	31	-0.13	23.5
0.53	48.29	32	-0.12	24.5
0.55	48.29	33	-0.12	25.5
0.57	48.29	34	-0.12	26.5
0.58	48.29	35	-0.12	27.5
0.6	48.29	36	-0.12	28.5
0.62	48.3	37	-0.11	29.5
0.63	48.3	38	-0.11	30.5
0.65	48.3	39	-0.11	31.5
0.67	48.3	40	-0.11	32.5
0.68	48.31	41	-0.1	33.5
0.7	48.31	42	-0.1	34.5
0.72	48.31	43	-0.1	35.5
0.73	48.31	44	-0.1	36.5
0.75	48.31	45	-0.1	37.5
0.77	48.31	46	-0.1	38.5
0.78	48.32	47	-0.09	39.5

Dick's Car Care
MW-3 Slug Out

0.8	48.32	48	-0.09	40.5
0.82	48.32	49	-0.09	41.5
0.83	48.32	50	-0.09	42.5
0.85	48.32	51	-0.09	43.5
0.87	48.32	52	-0.09	44.5
0.88	48.33	53	-0.08	45.5
0.9	48.33	54	-0.08	46.5
0.92	48.33	55	-0.08	47.5
0.93	48.33	56	-0.08	48.5
0.95	48.33	57	-0.08	49.5
0.97	48.33	58	-0.08	50.5
0.98	48.33	59	-0.08	51.5
1	48.34	60	-0.07	52.5
1.2	48.35	72	-0.06	64.5
1.4	48.35	84	-0.06	76.5
1.6	48.37	96	-0.04	88.5
1.8	48.38	108	-0.03	100.5
2	48.38	120	-0.03	112.5
2.2	48.38	132	-0.03	124.5
2.4	48.39	144	-0.02	136.5
2.6	48.4	156	-0.01	148.5
2.8	48.4	168	-0.01	160.5
3	48.4	180	-0.01	172.5
3.2	48.41	192	0	184.5



Aquifer Parameters by the Bower and Rice Slug Test	
Hydraulic Conductivity (ft/s):	3.21e-005
Transmissivity (sq ft/s):	9.50e-004

Dick's Car Care PZ-1

Dick's Car Care
 PZ-1 Slug Out

SE20 0
 Environmeal Logger
 01/01 0 1:23

Unit# 281 Test 7

Setups: INPUT 1

 Type Level (F)
 Mode TOC
 I.D.

Reference 48.82
 PSI at Ref. 20.95
 SG 1
 Linearity 0
 Scale facto 16
 Offset 4
 Delay mSEC 50

Step 0 01/ 1:57:21

Elapsed TirINPUT 1 Time(sec) Drawdown

-----	-----		
0	48.82	0	0
0.01	48.82	0.5	0
0.02	48.82	1	0
0.03	48.82	1.5	0
0.03	51.79	2	2.97
0.04	50.92	2.5	2.1
0.05	50.88	3	2.06
0.06	51.54	3.5	2.72
0.07	50.89	4	2.07
0.08	51.31	4.5	2.49
0.08	51.08	5	2.26
0.09	51.15	5.5	2.33
0.1	51.12	6	2.3
0.11	51.05	6.5	2.23
0.12	51.05	7	2.23
0.13	51	7.5	2.18
0.13	51.02	8	2.2
0.14	50.97	8.5	2.15
0.15	50.97	9	2.15
0.16	50.91	9.5	2.09
0.17	50.89	10	2.07

Dick's Car Care
PZ-1 Slug Out

0.18	50.9	10.5	2.08
0.18	50.86	11	2.04
0.19	50.85	11.5	2.03
0.2	50.82	12	2
0.21	50.8	12.5	1.98
0.22	50.82	13	2
0.23	50.78	13.5	1.96
0.23	50.77	14	1.95
0.24	50.76	14.5	1.94
0.25	50.74	15	1.92
0.26	50.74	15.5	1.92
0.27	50.69	16	1.87
0.28	50.69	16.5	1.87
0.28	50.67	17	1.85
0.29	50.66	17.5	1.84
0.3	50.64	18	1.82
0.31	50.63	18.5	1.81
0.32	50.61	19	1.79
0.33	50.6	19.5	1.78
0.33	50.58	20	1.76
0.35	50.56	21	1.74
0.37	50.53	22	1.71
0.38	50.51	23	1.69
0.4	50.47	24	1.65
0.42	50.45	25	1.63
0.43	50.43	26	1.61
0.45	50.4	27	1.58
0.47	50.37	28	1.55
0.48	50.35	29	1.53
0.5	50.33	30	1.51
0.52	50.3	31	1.48
0.53	50.28	32	1.46
0.55	50.25	33	1.43
0.57	50.24	34	1.42
0.58	50.22	35	1.4
0.6	50.19	36	1.37
0.62	50.17	37	1.35
0.63	50.15	38	1.33
0.65	50.13	39	1.31
0.67	50.11	40	1.29
0.68	50.1	41	1.28
0.7	50.08	42	1.26
0.72	50.06	43	1.24
0.73	50.05	44	1.23
0.75	50.03	45	1.21
0.77	50.01	46	1.19
0.78	49.99	47	1.17

Dick's Car Care
PZ-1 Slug Out

0.8	49.97	48	1.15
0.82	49.95	49	1.13
0.83	49.94	50	1.12
0.85	49.92	51	1.1
0.87	49.91	52	1.09
0.88	49.89	53	1.07
0.9	49.87	54	1.05
0.92	49.85	55	1.03
0.93	49.84	56	1.02
0.95	49.83	57	1.01
0.97	49.81	58	0.99
0.98	49.8	59	0.98
1	49.78	60	0.96
1.2	49.6	72	0.78
1.4	49.45	84	0.63
1.6	49.31	96	0.49
1.8	49.2	108	0.38
2	49.1	120	0.28
2.2	49.01	132	0.19
2.4	48.92	144	0.1
2.6	48.85	156	0.03
2.8	48.82	168	0

Synergy Environmental Lab,

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

DAVE CHRISTIAN
DAVE CHRISTIAN
320 7TH ST.
BARABOO, WI 53913

Report Date 16-Apr-14

Project Name DICK'S CAR CARE
Project #

Invoice # E26792

Lab Code 5026792A
Sample ID MW-3
Sample Matrix Water
Sample Date 4/7/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	0.50 "J"	ug/l	0.24	0.77	1	8260B		4/15/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		4/15/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		4/15/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		4/15/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		4/15/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		4/15/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		4/15/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		4/15/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		4/15/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		4/15/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		4/15/2014	CJR	1

Lab Code 5026792B
Sample ID PZ-1
Sample Matrix Water
Sample Date 4/7/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	1560	ug/l	12	38.5	50	8260B		4/12/2014	CJR	1
1,2-Dichloroethane	630	ug/l	20.5	65	50	8260B		4/12/2014	CJR	1
EDB (1,2-Dibromoethane)	< 22	ug/l	22	70	50	8260B		4/12/2014	CJR	1
Ethylbenzene	198	ug/l	27.5	85	50	8260B		4/12/2014	CJR	1
Methyl tert-butyl ether (MTBE)	570	ug/l	11.5	37	50	8260B		4/12/2014	CJR	1
Naphthalene	< 85	ug/l	85	275	50	8260B		4/12/2014	CJR	1
Toluene	< 34.5	ug/l	34.5	110	50	8260B		4/12/2014	CJR	1
1,2,4-Trimethylbenzene	< 110	ug/l	110	345	50	8260B		4/12/2014	CJR	1
1,3,5-Trimethylbenzene	< 70	ug/l	70	225	50	8260B		4/12/2014	CJR	1
m&p-Xylene	< 34.5	ug/l	34.5	110	50	8260B		4/12/2014	CJR	1
o-Xylene	< 31.5	ug/l	31.5	100	50	8260B		4/12/2014	CJR	1

Project Name DICK'S CAR CARE
 Project #

Invoice # E26792

Lab Code 5026792C
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 4/7/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	7800	ug/l	24	77	100	8260B		4/12/2014	CJR	1
1,2-Dichloroethane	1360	ug/l	41	130	100	8260B		4/12/2014	CJR	1
EDB (1,2-Dibromoethane)	1170	ug/l	44	140	100	8260B		4/12/2014	CJR	1
Ethylbenzene	1270	ug/l	55	170	100	8260B		4/12/2014	CJR	1
Methyl tert-butyl ether (MTBE)	198	ug/l	23	74	100	8260B		4/12/2014	CJR	1
Naphthalene	530 "J"	ug/l	170	550	100	8260B		4/12/2014	CJR	1
Toluene	11700	ug/l	69	220	100	8260B		4/12/2014	CJR	1
1,2,4-Trimethylbenzene	900	ug/l	220	690	100	8260B		4/12/2014	CJR	1
1,3,5-Trimethylbenzene	236 "J"	ug/l	140	450	100	8260B		4/12/2014	CJR	1
m&p-Xylene	4000	ug/l	69	220	100	8260B		4/12/2014	CJR	1
o-Xylene	1950	ug/l	63	200	100	8260B		4/12/2014	CJR	1

Lab Code 5026792D
 Sample ID TB
 Sample Matrix Water
 Sample Date 4/7/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		4/10/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		4/10/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		4/10/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		4/10/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		4/10/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		4/10/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		4/10/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		4/10/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		4/10/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		4/10/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		4/10/2014	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

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

Chain # No 252f

Page 1 of 1

Lab I.D. # _____
 Account No. : _____ Quote No.: _____
 Project #: _____
 Sampler: (signature) *Walter C. Williams*

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

Project (Name / Location): *Dick's Car Care / Baraboo, WI*

Reports To: *Dave Christian* Invoice To: *D. Christian c/o METCO*

Company: _____ Company: *METCO*

Address: *3220 7th St.* Address: *709 Gillette St., Ste 3*

City State Zip: *Baraboo, WI 53913* City State Zip: *LeCrosse, WI 54603*

Phone: *(608) 373-1867* Phone: *(608) 781-8879*

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	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	1,2-DCA and EDB	PID/FID
<i>S026792A</i>	<i>MW-3</i>	<i>4-7</i>	<i>10:15</i>		<i>X</i>	<i>N</i>	<i>3</i>	<i>GLW</i>	<i>HCL</i>								<i>X</i>						<i>X</i>	
<i>R</i>	<i>PZ-1</i>	<i>↓</i>	<i>12:00</i>		<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>								<i>X</i>						<i>X</i>	
<i>C</i>	<i>MW-2</i>	<i>↓</i>	<i>11:25</i>		<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>								<i>X</i>						<i>X</i>	
<i>D</i>	<i>TB</i>						<i>1</i>										<i>X</i>						<i>X</i>	

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

Note: UIC Rates Apply "Agent Status"
Lab analysis should be \$41.00/sample

Lab to send copy of Report to METCO/Jason P. (Invoice to METCO)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *Overnight*

Temp. of Temp. Blank _____ °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Walter C. Williams* Time: *10:00am* Date: *4-8-14*

Received By: (sign) _____ Time: _____ Date: _____

Received in Laboratory By: *Christina Rose* Time: *8:00* Date: *4/9/14*