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July 7, 2017

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

John Mason
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711-5367

Subject: Dick's Car Care – Groundwater Monitoring Report

Dear Mr. Mason,

Enclosed is the report for the Dick's Car Care site located in Baraboo, Wisconsin. **This completes the Public Bidding Deferred workscope approved on February 27, 2017.**

Free Product Workscope

On March 13, 2017, METCO personnel checked all site wells for the presence of free product.

On June 13, 2017, METCO personnel checked all site wells for the presence of free product.

Groundwater Monitoring Workscope

On March 13, 2017, METCO collected groundwater samples from two monitoring wells (MW-2 and MW-3) and one piezometer (PZ-1) for PVOC, Naphthalene, 1,2-DCA, and EDB analysis. Field measurements for water level, Dissolved Oxygen, pH, ORP, specific conductance, and temperature were collected from the sampled monitoring/piezometer wells. Water levels were taken from five of the neighboring Smith Oil wells during the groundwater monitoring event.

On June 13, 2017, METCO collected groundwater samples from two monitoring wells (MW-2 and MW-3) and one piezometer (PZ-1) for PVOC, Naphthalene, 1,2-DCA, and EDB analysis. Field measurements for water level, Dissolved Oxygen, pH, ORP, specific conductance, and temperature were collected from the sampled monitoring/piezometer wells. Water levels were taken from five of the neighboring Smith Oil wells during the groundwater monitoring event.

Free Product Results

Monitoring Well MW-2: Measurable free product was not present in monitoring well MW-2 during either of the two quarterly sampling rounds. The last time that measurable free product was encountered in MW-2 was on October 7, 2015. Free product was not encountered in any of the other monitoring wells.

Groundwater Results

Monitoring Well MW-2: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzene (5,200 ppb), 1,2-Dichloroethane (680 ppb), 1,2-Dibromoethane (EDB) (700 ppb), Naphthalene (320 ppb), Toluene (4,000 ppb), Trimethylbenzenes (992 ppb) and Xylene (3,920 ppb) as well as a NR140 (PAL) exceedance for Ethylbenzene (640 ppb). Contaminant concentrations appear to be stable to decreasing.

Monitoring Well MW-3: Currently shows no detects for all contaminants of concern.

Piezometer PZ-1: Currently shows NR140 ES exceedances for Benzene (1,250 ppb), 1,2-Dichloroethane (114 ppb), and MTBE (590 ppb) as well as NR140 PAL exceedances for Ethylbenzene (260 ppb) and Naphthalene (25.9 ppb). Contaminant concentrations appear to be stable.

Conclusions/Recommendations

Based on current groundwater results, METCO recommends that the Dicks Car Care site be reviewed for the possibility of "closure" for the following reasons: 1) The extent and degree of petroleum contamination in soil and groundwater has been defined to a practical extent (down-gradient definition was problematic due to buildings, utilities, and access). 2) The Soil Vapor Extraction System ran for 12 months and removed 8,484 lbs of gasoline range organics (GRO) from the soil. 3) Free Product has not been present during the post remediation groundwater sampling events. 4) Overall contaminant levels in groundwater appear to be stable to decreasing. 5) Due to absence of free product, SVE system operation, and depth to groundwater; the risk of vapor intrusion appears unlikely. 6) The nearest municipal well (Municipal Well #4) exists approximately 4,100 feet east of the subject property.

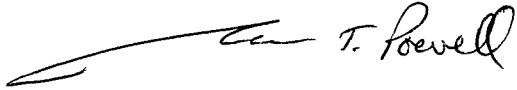
However, if the state determines that additional monitoring will be required, please contact METCO to discuss.

Per WDNR response to this conclusion/recommendation METCO will proceed.

A Detailed Site Map, Groundwater Flow Maps (4), Groundwater Isoconcentration Map, Data Tables, 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,


A handwritten signature in black ink that reads "Jason T. Powell". The signature is fluid and cursive, with a long horizontal stroke extending to the left.

Jason T. Powell
Staff Scientist

Attachments

c: Dave Christian – Client

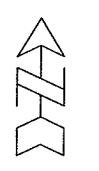
DETAILED SITE MAP
DICK'S CAR CARE



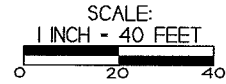
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




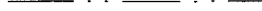



BARABOO, WISCONSIN

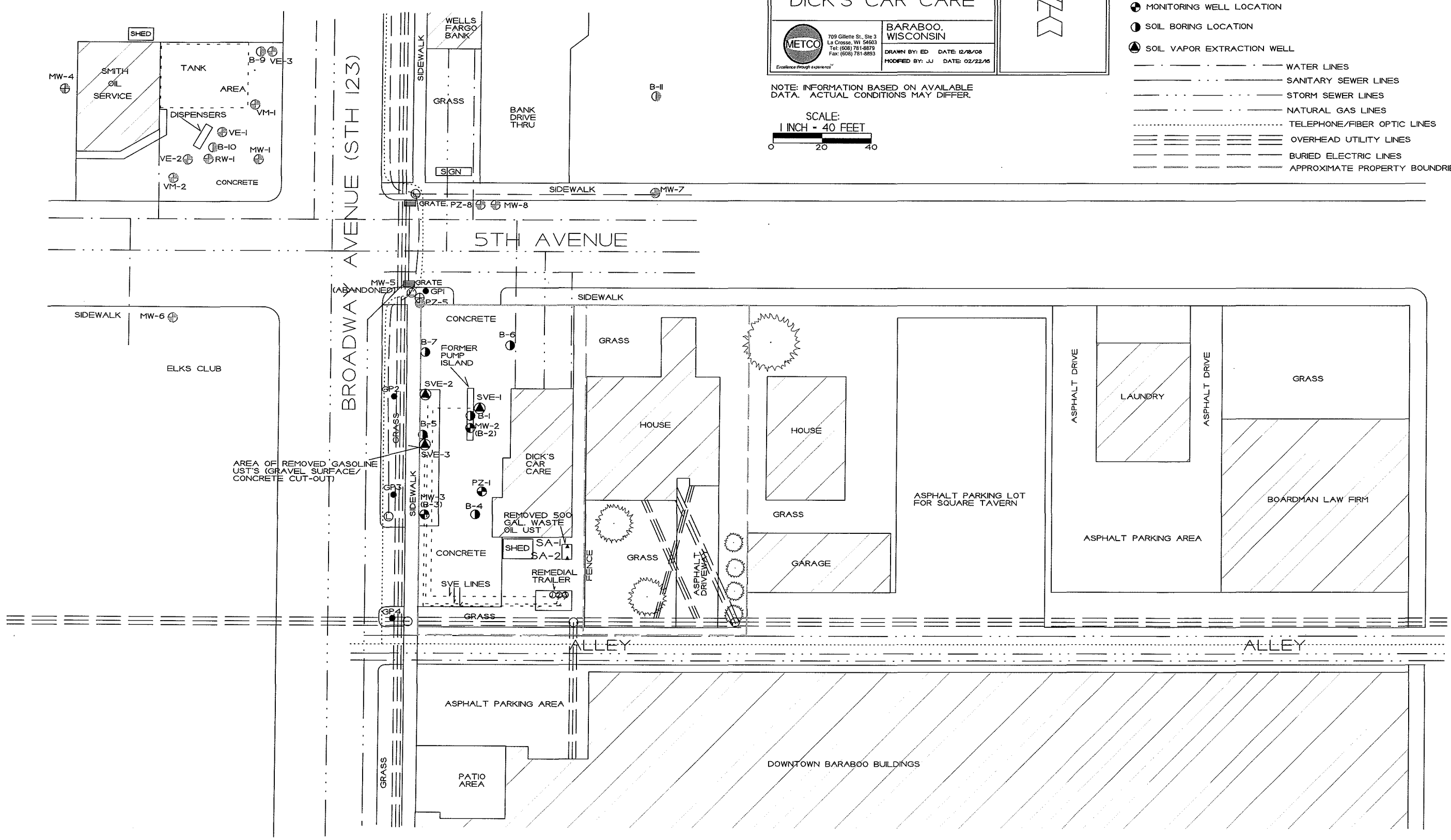
DRAWN BY: ED DATE: 12/18/08
MODIFIED BY: JJ DATE: 02/22/16



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
 -  SOIL VAPOR EXTRACTION WELL
-
-  WATER LINES
 -  SANITARY SEWER LINES
 -  STORM SEWER LINES
 -  NATURAL GAS LINES
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 -  OVERHEAD UTILITY LINES
 -  BURIED ELECTRIC LINES
 -  APPROXIMATE PROPERTY BOUNDRIES



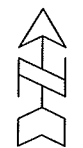
GROUNDWATER FLOW DIRECTION (3/13/17)

DICK'S CAR CARE

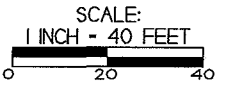
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








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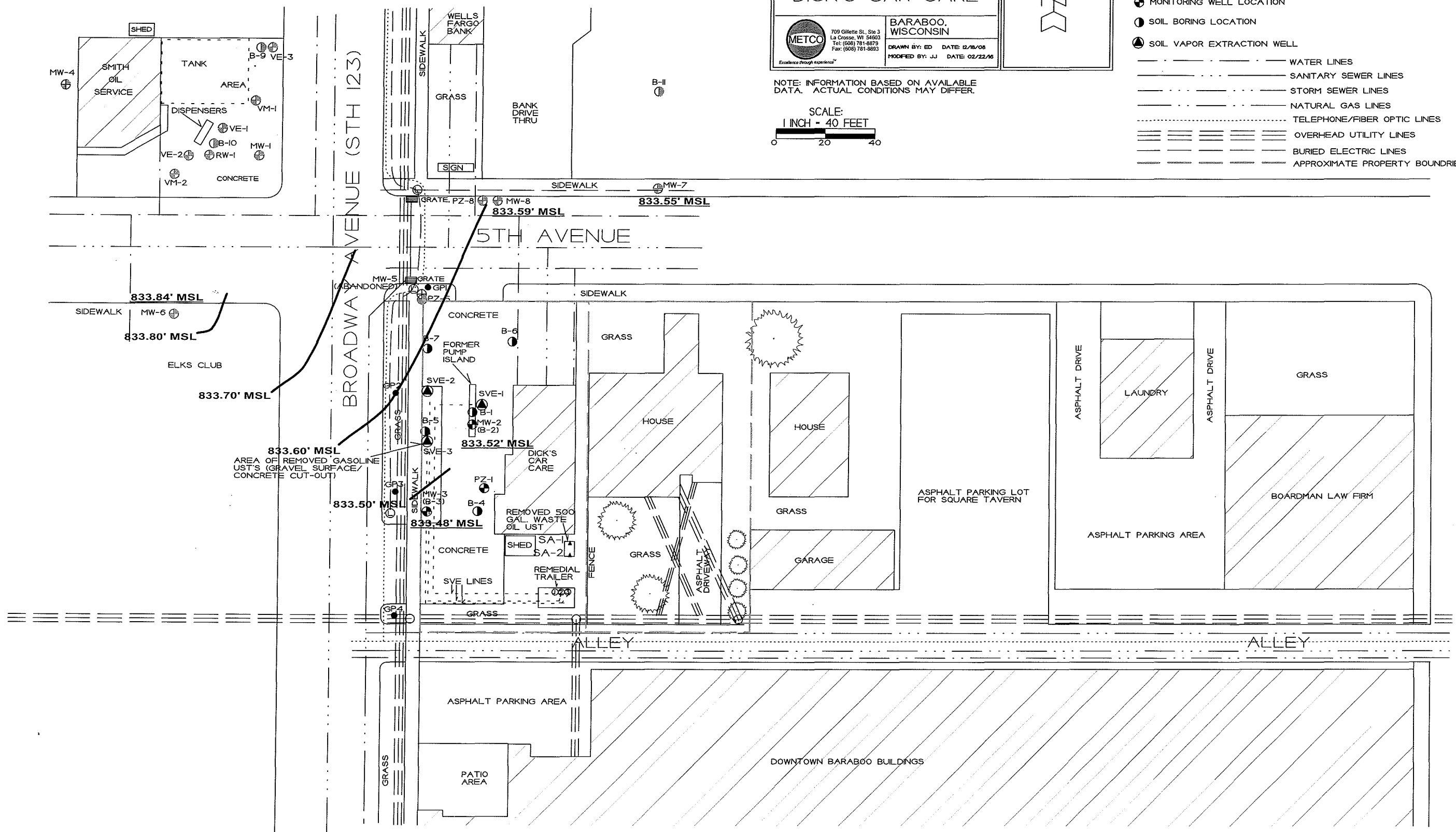
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GROUNDWATER FLOW DIRECTION (6/13/17)


DICK'S CAR CARE



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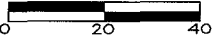
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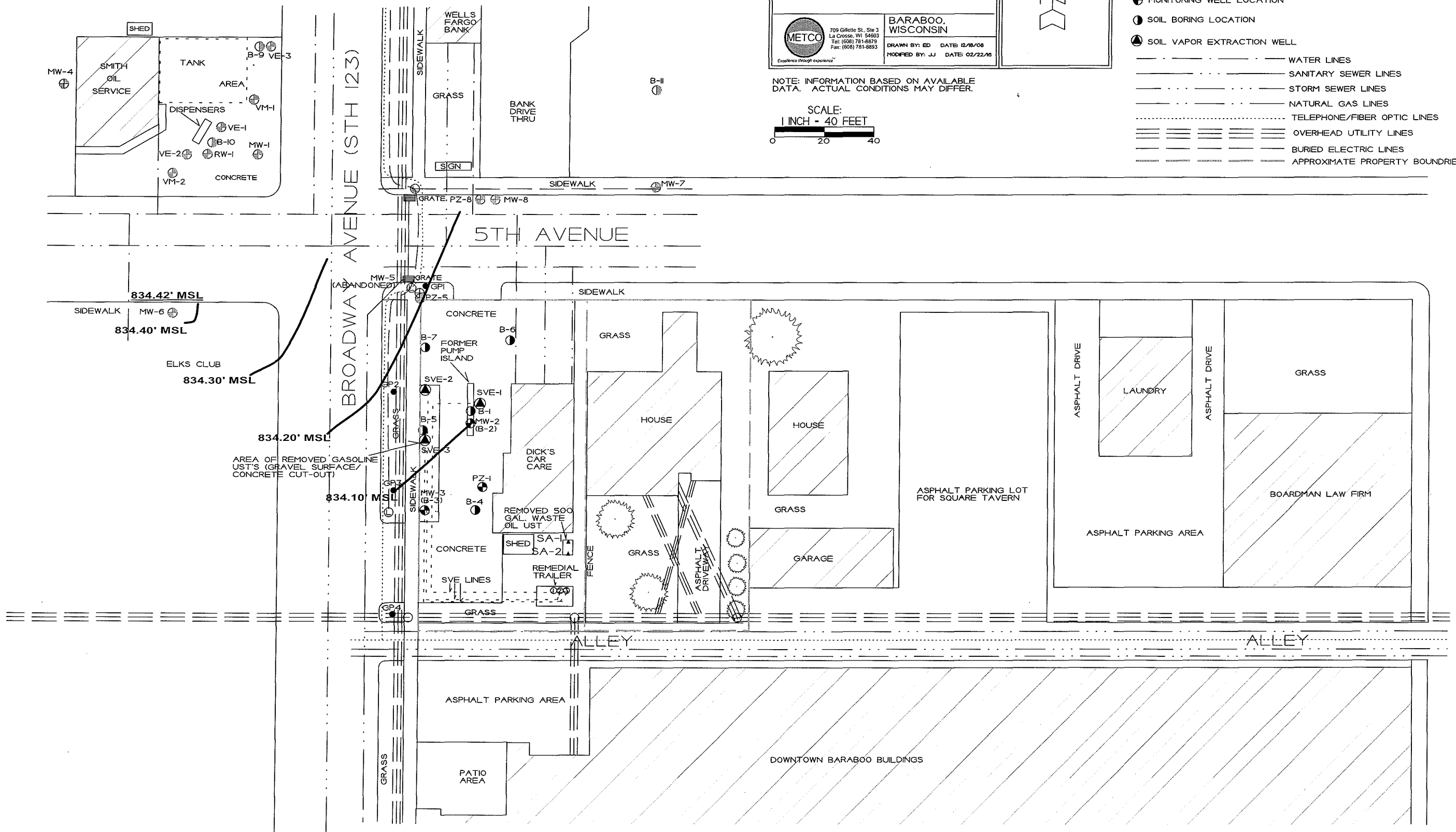


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE:
1 INCH = 40 FEET



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GROUNDWATER FLOW
DIRECTION (PIEZOMETERS)
(3/13/17)

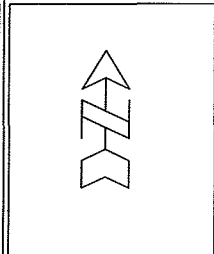
DICK'S CAR CARE



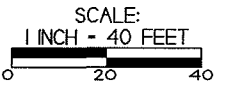
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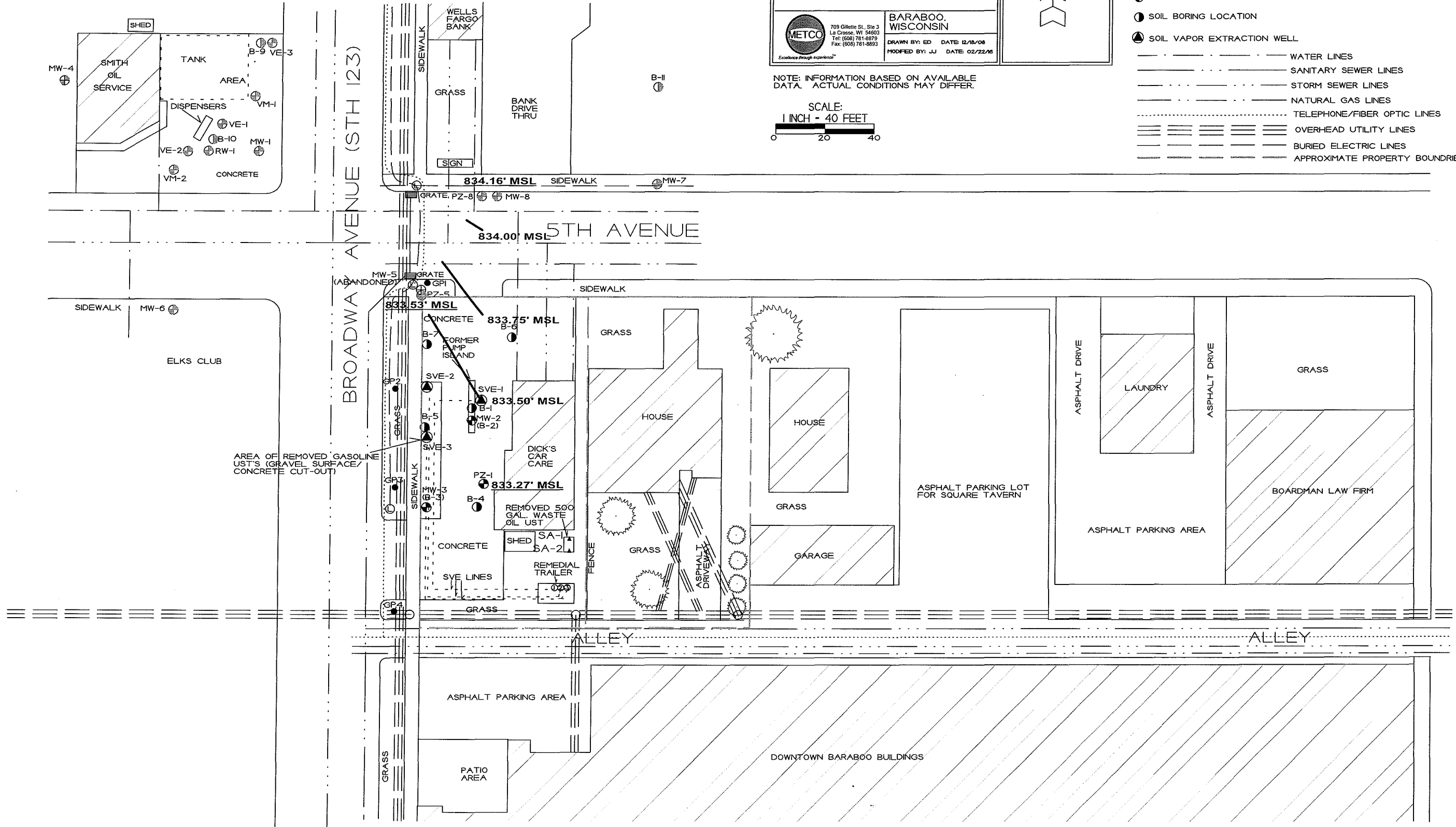
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GROUNDWATER FLOW
DIRECTION (PIEZOMETERS)
(6/13/17)

DICK'S CAR CARE

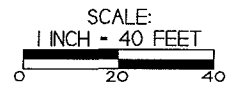











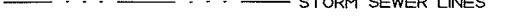

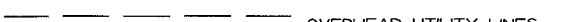
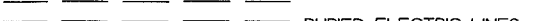


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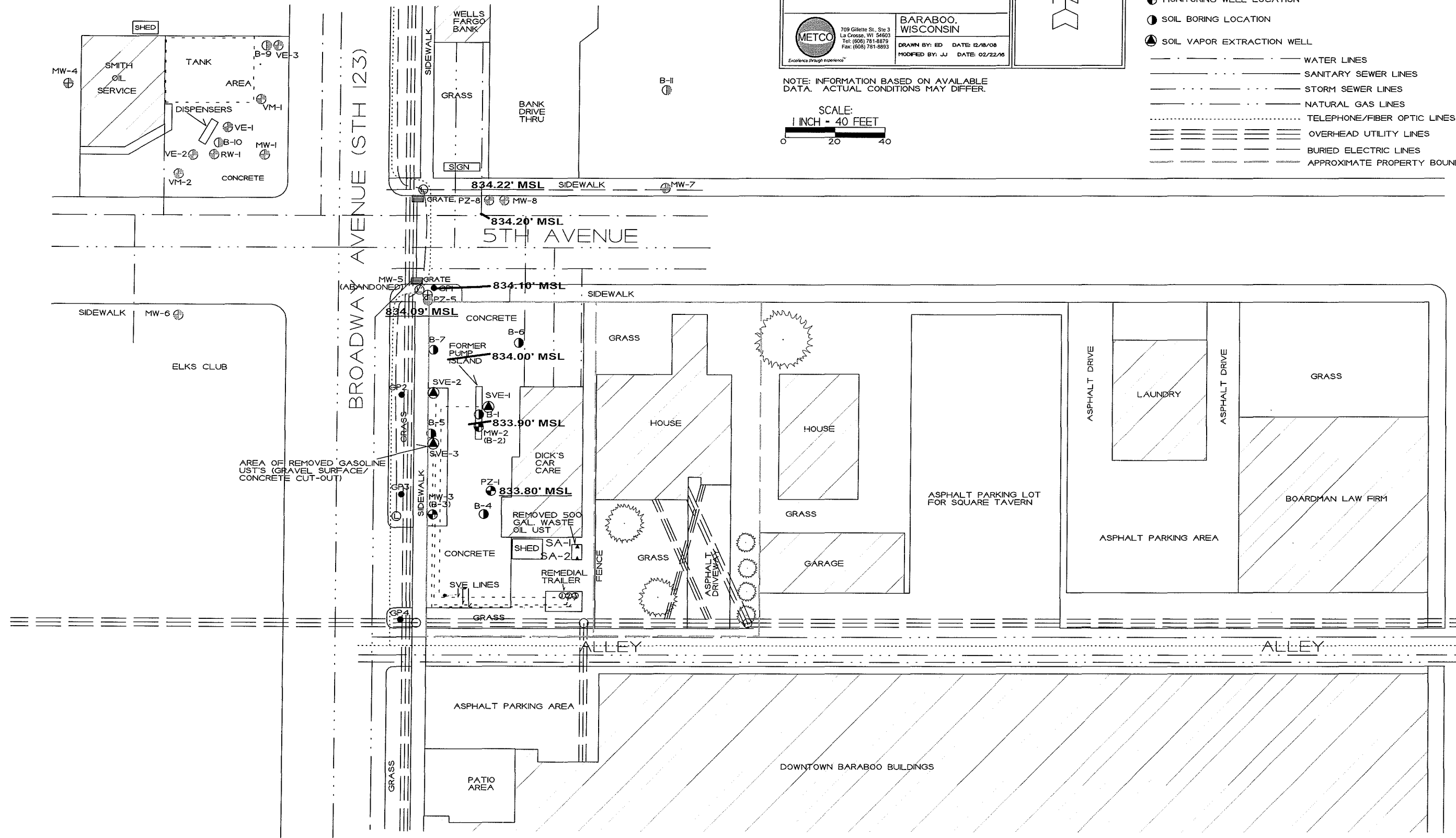
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GROUNDWATER ISOCONCENTRATION (6/13/17)

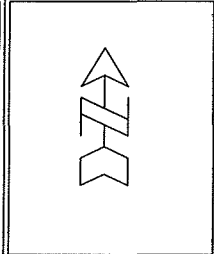
DICK'S CAR CARE



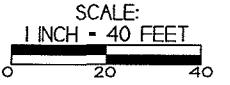
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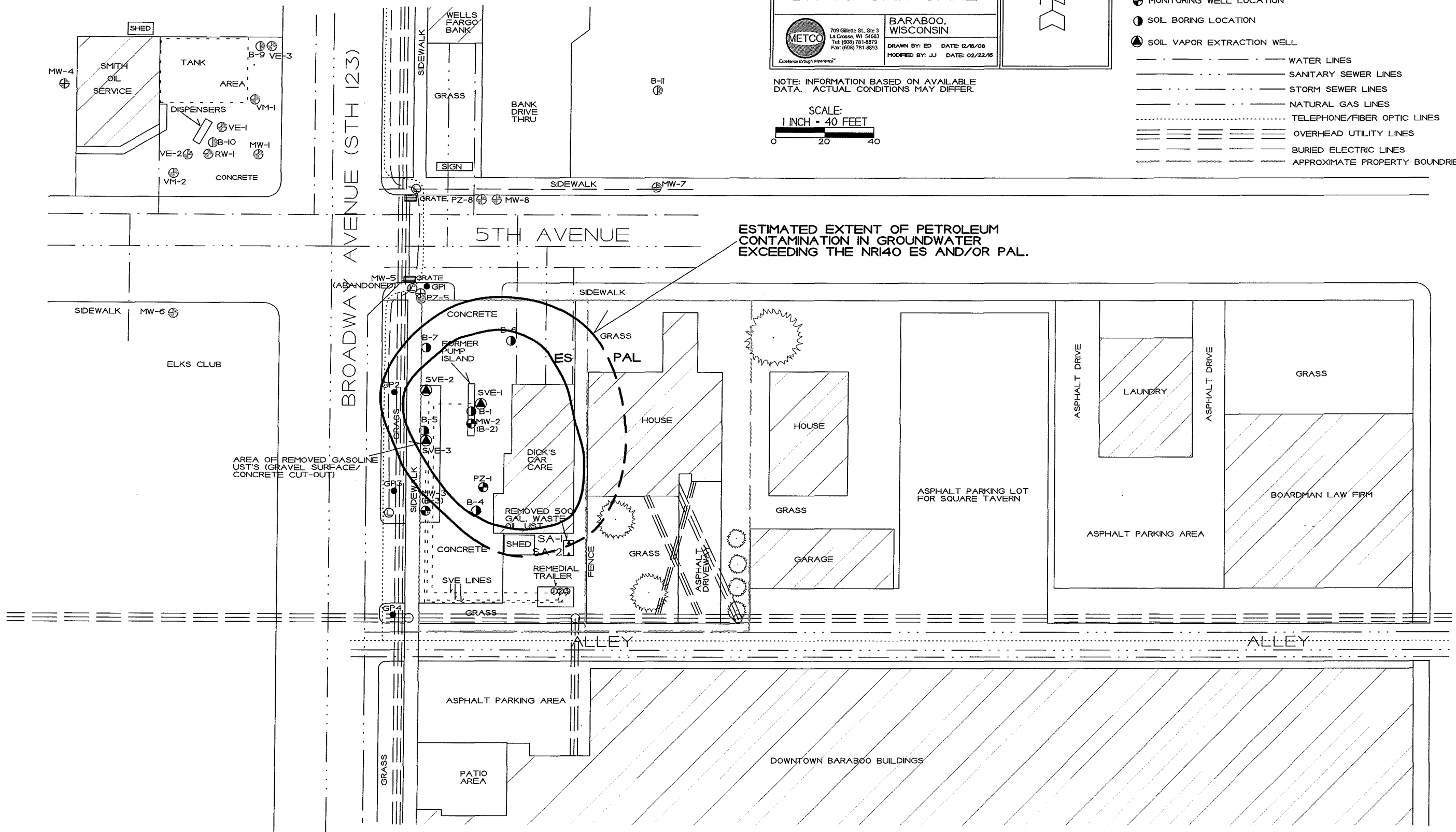
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- ▲ SOIL SAMPLE LOCATION (JUST REMOVAL)
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- ≡≡≡ OVERHEAD UTILITY LINES
- ≡≡≡ BURIED ELECTRIC LINES
- - - APPROXIMATE PROPERTY BOUNDRIES



ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL.

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

A.1 Groundwater Analytical Table
Dick's Car Care BRRTS# 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
10/07/15	830.31	50.50	NS	6900	1000	780	960	275	340	5000	893	3920
02/08/16	833.47	47.34	NS	4700	890	910	730	360	350	5900	1021	4550
05/09/16	833.61	47.20	NS	4900	930	910	640	297	430	5500	1286	5010
08/15/16	833.60	47.21	NS	5600	860	980	650	360	390	4900	1178	4570
11/10/16	833.83	46.98	NS	4600	560	840	480	176	360	3500	1150	3580
03/13/17	833.52	47.29	NS	5600	770	720	450	120	247	3300	799	3160
06/13/17	834.10	46.71	NS	5200	680	700	640	<41	320	4000	992	3920
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
10/07/15	831.76	48.70	NS	<0.44	<0.48	<0.63	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
02/08/16	833.01	47.45	NS	<0.44	<0.48	<0.63	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
05/09/16	832.87	47.59	NS	<0.44	<0.48	<0.63	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
08/15/16	832.57	47.89	NS	<0.44	<0.48	<0.63	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
11/10/16	833.56	46.90	NS	<0.44	<0.48	<0.63	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
03/13/17	833.48	46.98	NS	<0.17	<0.45	<0.34	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
06/13/17	834.06	46.40	NS	<0.17	<0.45	<0.34	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
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											
10/07/15	834.38	44.56	NOT SAMPLED									
02/08/16	832.26	46.68	NOT SAMPLED									
05/09/16	832.77	46.17	NOT SAMPLED									
08/15/16	832.40	46.54	NOT SAMPLED									
11/10/16	833.44	45.50	NOT SAMPLED									
03/13/17	833.84	45.10	NOT SAMPLED									
06/13/17	834.42	44.52	NOT SAMPLED									
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-Dibromoethane (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											
10/07/15	831.81	45.79	NOT SAMPLED									
02/08/16	832.06	45.54	NOT SAMPLED									
05/09/16	832.50	45.10	NOT SAMPLED									
08/15/16	832.14	45.46	NOT SAMPLED									
11/10/16	833.18	44.42	NOT SAMPLED									
03/13/17	833.55	44.05	NOT SAMPLED									
06/13/17	834.14	43.46	NOT SAMPLED									
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-Dibromoethane (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									
10/07/15	831.84	45.68	NOT SAMPLED									
02/08/16	832.02	45.50	NOT SAMPLED									
05/09/16	832.50	45.02	NOT SAMPLED									
08/15/16	832.12	45.40	NOT SAMPLED									
11/10/16	833.27	44.25	NOT SAMPLED									
03/13/17	833.59	43.93	NOT SAMPLED									
06/13/17	834.17	43.35	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).

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-Dibromoethane (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	NOT SAMPLED								
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
10/07/15	831.39	49.49	NS	1050	193	<6.3	460	570	26.4	69	57-72	89.7
02/08/16	831.70	49.18	NS	1670	81	<6.3	560	320	30.9	58	79-94	130.1
05/09/16	832.22	48.66	NS	1330	68	<6.3	500	470	21.8	54	62-77	103.6
08/15/16	831.69	49.19	NS	880	41	<6.3	390	540	21.1	26.4	<31	41-50
11/10/16	832.85	48.03	NS	790	46	<6.3	350	470	19.5	24.1	<31	51-60
03/13/17	833.27	47.61	NS	480	11.2	<3.4	286	216	<21.7	15.3	<20.5	23.8-27.70
06/13/17	833.80	47.08	NS	1250	114	<3.4	260	590	25.9	17.9	26.1-35.20	66.7
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 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-Dibromoethane (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										
10/07/15	831.73	46.87										
02/08/16	831.99	46.61										
05/09/16	832.46	46.14										
08/15/16	832.03	46.57										
11/10/16	833.20	45.40										
03/13/17	833.53	45.07										
06/13/17	834.09	44.51										
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-Dibromoethane (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										
10/07/15	831.83	45.79										
02/08/16	832.33	45.29										
05/09/16	832.43	45.19										
08/15/16	832.27	45.35										
11/10/16	833.18	44.44										
03/13/17	834.16	43.46										
06/13/17	834.22	43.40										
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.6 Water Level Elevations
Dick's Car Care BRRTS# 03-57-258614
Baraboo, Wisconsin

	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)
Ground Surface (feet msl)	NM	NM	NM	NM	NM	NM	NM	NM
PVC top (feet msl)	880.81	880.46	878.94	877.60	877.52	880.88	878.60	877.62
Well Depth (feet)	53.00	54.00	NM	NM	NM	75.00	NM	NM
Top of screen (feet msl)	NM	NM	NM	NM	NM	NM	NM	NM
Bottom of screen (feet msl)	NM	NM	NM	NM	NM	NM	NM	NM
Depth to Water From Top of PVC (feet)								
03/17/10	47.42	47.08	45.28	44.08	43.92	NI	45.11	42.93
06/22/10	47.32	46.91	45.07	44.01	43.78	NI	45.03	44.04
06/13/11	46.95	46.49	43.69	42.57	42.48	NI	43.55	42.65
10/20/11	47.22	46.41	44.49	43.43	43.32	47.03	44.48	43.40
12/12/11	47.39	46.54	44.63	43.55	43.43	47.12	44.60	43.54
01/18/12	FP	46.52	44.58	43.52	43.36	47.13	44.55	43.55
04/18/12	47.67	47.06	45.15	44.10	43.95	47.62	45.12	43.97
07/18/12	48.48	47.68	45.78	44.71	44.58	48.23	45.26	44.62
04/07/14	49.46	48.41	CNA	CNA	45.33	48.82	46.47	45.84
10/07/15	50.50	48.70	44.56	45.79	45.68	49.49	46.87	45.79
02/08/16	47.34	47.45	46.68	45.54	45.50	49.18	46.61	45.29
05/09/16	47.20	47.59	46.17	45.10	45.02	48.66	46.14	45.19
08/15/16	47.21	47.89	46.54	45.46	45.40	49.19	46.57	45.35
11/10/16	46.98	46.90	45.50	44.42	44.25	48.03	45.40	44.44
03/13/17	47.29	46.98	45.10	44.05	43.93	47.61	45.07	43.46
06/13/17	46.71	46.40	44.52	43.46	43.35	47.08	44.51	43.40
Depth to Water From Ground Surface (feet)								
03/17/10	NM	NM	NM	NM	NM	NI	NM	NM
06/22/10	NM	NM	NM	NM	NM	NI	NM	NM
06/13/11	NM	NM	NM	NM	NM	NI	NM	NM
10/20/11	NM	NM	NM	NM	NM	NM	NM	NM
12/12/11	NM	NM	NM	NM	NM	NM	NM	NM
01/18/12	FP	NM	NM	NM	NM	NM	NM	NM
04/18/12	NM	NM	NM	NM	NM	NM	NM	NM
07/18/12	NM	NM	NM	NM	NM	NM	NM	NM
04/07/14	NM	NM	CNA	CNA	NM	NM	NM	NM
10/07/15	NM	NM	NM	NM	NM	NM	NM	NM
02/08/16	NM	NM	NM	NM	NM	NM	NM	NM
05/09/16	NM	NM	NM	NM	NM	NM	NM	NM
08/15/16	NM	NM	NM	NM	NM	NM	NM	NM
11/10/16	NM	NM	NM	NM	NM	NM	NM	NM
03/13/17	NM	NM	NM	NM	NM	NM	NM	NM
06/13/17	NM	NM	NM	NM	NM	NM	NM	NM
Groundwater Elevation (feet msl)								
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	834.20	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	833.50	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
10/07/15	830.31	831.76	834.38	831.81	831.84	831.39	831.73	831.83
02/08/16	833.47	833.01	832.26	832.06	832.02	831.70	831.99	832.33
05/09/16	833.61	832.87	832.77	832.50	832.50	832.22	832.46	832.43
08/15/16	833.60	832.57	832.40	832.14	832.12	831.69	832.03	832.27
11/10/16	833.83	833.56	833.44	833.18	833.27	832.85	833.20	833.18
03/13/17	833.52	833.48	833.84	833.55	833.59	833.27	833.53	834.16
06/13/17	834.10	834.06	834.42	834.14	834.17	833.80	834.09	834.22

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

NI = Not Installed

FP = Free Product

CNA = Could Not Access

A.7 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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	1.87	6.69	11	8.8	912	NS	NS	NS	NS
05/09/16	1.19	6.74	19	13.9	841	NS	NS	NS	NS
08/15/16	2.87	6.89	-123	15.0	2468	NS	NS	NS	NS
11/10/16	1.48	6.94	44	11.7	818	NS	NS	NS	NS
03/13/17	1.96	6.95	-79	10.2	1627	NS	NS	NS	NS
06/13/17	0.35	6.92	-53	13.4	1694	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 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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	4.36	6.87	184	8.5	810	NS	NS	NS	NS
05/09/16	1.97	6.78	103	14.4	1227	NS	NS	NS	NS
08/15/16	5.87	6.88	215	16.1	1951	NS	NS	NS	NS
11/10/16	4.70	7.28	272	11.8	851	NS	NS	NS	NS
03/13/17	5.17	7.43	245	8.4	1458	NS	NS	NS	NS
06/13/17	3.67	7.67	211	13.6	1109	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 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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	NOT SAMPLED					NS	NS	NS	NS
05/09/16	NOT SAMPLED					NS	NS	NS	NS
08/15/16	NOT SAMPLED					NS	NS	NS	NS
11/10/16	NOT SAMPLED					NS	NS	NS	NS
03/13/17	NOT SAMPLED					NS	NS	NS	NS
06/13/17	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).

A.7 Other

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

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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	NOT SAMPLED					NS	NS	NS	NS
05/09/16	NOT SAMPLED					NS	NS	NS	NS
08/15/16	NOT SAMPLED					NS	NS	NS	NS
11/10/16	NOT SAMPLED					NS	NS	NS	NS
03/13/17	NOT SAMPLED					NS	NS	NS	NS
06/13/17	NOT SAMPLED					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

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

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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	NOT SAMPLED					NS	NS	NS	NS
05/09/16	NOT SAMPLED					NS	NS	NS	NS
08/15/16	NOT SAMPLED					NS	NS	NS	NS
11/10/16	NOT SAMPLED					NS	NS	NS	NS
03/13/17	NOT SAMPLED					NS	NS	NS	NS
06/13/17	NOT SAMPLED					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

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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	2.91	7.06	93	8.6	687	NS	NS	NS	NS
05/09/16	1.57	6.80	46	13.4	857	NS	NS	NS	NS
08/15/16	4.76	6.99	-45	15.2	1845	NS	NS	NS	NS
11/10/16	1.69	6.89	-66	11.6	857	NS	NS	NS	NS
03/13/17	3.19	6.98	13	9.3	1691	NS	NS	NS	NS
06/13/17	1.16	7.03	226	13.9	1749	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

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

A.7 Other
 Groundwater NA Indicator Results
 Dick's Car Care BRRTS# 03-57-258614

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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	NOT SAMPLED					NS	NS	NS	NS
05/09/16	NOT SAMPLED					NS	NS	NS	NS
08/15/16	NOT SAMPLED					NS	NS	NS	NS
11/10/16	NOT SAMPLED					NS	NS	NS	NS
03/13/17	NOT SAMPLED					NS	NS	NS	NS
06/13/17	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	-	-	<i>60</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 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
10/07/15	NOT SAMPLED					NS	NS	NS	NS
02/08/16	NOT SAMPLED					NS	NS	NS	NS
05/09/16	NOT SAMPLED					NS	NS	NS	NS
08/15/16	NOT SAMPLED					NS	NS	NS	NS
11/10/16	NOT SAMPLED					NS	NS	NS	NS
11/10/16	NOT SAMPLED					NS	NS	NS	NS
03/13/17	NOT SAMPLED					NS	NS	NS	NS
06/13/17	NOT SAMPLED					NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	-	-	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	-	-	<i>60</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).

Synergy Environmental Lab,

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

DAVE CHRISTIAN
DAVE CHRISTIAN
707 ANGLE STREET
BARABOO, WI 53913

Report Date 20-Mar-17

Project Name DICK'S CAR CARE
Project #

Invoice # E32612

Lab Code 5032612A
Sample ID MW-3
Sample Matrix Water
Sample Date 3/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		3/17/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		3/17/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		3/17/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		3/17/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		3/17/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		3/17/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		3/17/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		3/17/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		3/17/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		3/17/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		3/17/2017	CJR	1

Project Name DICK'S CAR CARE
 Project #

Invoice # E32612

Lab Code 5032612B
 Sample ID PZ-1
 Sample Matrix Water
 Sample Date 3/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	480	ug/l	1.7	5.5	10	8260B		3/17/2017	CJR	1
1,2-Dichloroethane	11.2 "J"	ug/l	4.5	14.3	10	8260B		3/17/2017	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		3/17/2017	CJR	1
Ethylbenzene	286	ug/l	2	6.3	10	8260B		3/17/2017	CJR	1
Methyl tert-butyl ether (MTBE)	216	ug/l	8.2	26	10	8260B		3/17/2017	CJR	1
Naphthalene	< 21.7	ug/l	21.7	69	10	8260B		3/17/2017	CJR	1
Toluene	15.3 "J"	ug/l	6.7	21.3	10	8260B		3/17/2017	CJR	1
1,2,4-Trimethylbenzene	< 11.4	ug/l	11.4	36.3	10	8260B		3/17/2017	CJR	1
1,3,5-Trimethylbenzene	< 9.1	ug/l	9.1	29	10	8260B		3/17/2017	CJR	1
m&p-Xylene	23.8 "J"	ug/l	15.6	49.5	10	8260B		3/17/2017	CJR	1
o-Xylene	< 3.9	ug/l	3.9	12.5	10	8260B		3/17/2017	CJR	1

Lab Code 5032612C
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 3/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	5600	ug/l	8.5	27.5	50	8260B		3/17/2017	CJR	1
1,2-Dichloroethane	770	ug/l	22.5	71.5	50	8260B		3/17/2017	CJR	1
EDB (1,2-Dibromoethane)	720	ug/l	17	54.5	50	8260B		3/17/2017	CJR	1
Ethylbenzene	450	ug/l	10	31.5	50	8260B		3/17/2017	CJR	1
Methyl tert-butyl ether (MTBE)	120 "J"	ug/l	41	130	50	8260B		3/17/2017	CJR	1
Naphthalene	247 "J"	ug/l	108.5	345	50	8260B		3/17/2017	CJR	1
Toluene	3300	ug/l	33.5	106.5	50	8260B		3/17/2017	CJR	1
1,2,4-Trimethylbenzene	560	ug/l	57	181.5	50	8260B		3/17/2017	CJR	1
1,3,5-Trimethylbenzene	239	ug/l	45.5	145	50	8260B		3/17/2017	CJR	1
m&p-Xylene	2150	ug/l	78	247.5	50	8260B		3/17/2017	CJR	1
o-Xylene	1010	ug/l	19.5	62.5	50	8260B		3/17/2017	CJR	1

Lab Code 5032612D
 Sample ID TB
 Sample Matrix Water
 Sample Date 3/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		3/17/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		3/17/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		3/17/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		3/17/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		3/17/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		3/17/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		3/17/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		3/17/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		3/17/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		3/17/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		3/17/2017	CJR	1

Project Name DICK'S CAR CARE
Project #

Invoice # E32612

"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 2916

Page 1 of 1

Lab I.D. #	
Account No. :	Quote No.:
Project #:	
Sampler: (signature) <i>Jon Jern</i>	

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)
<input checked="" type="checkbox"/> Normal Turn Around	

Project (Name/ Location): <i>Dick's car care / Baraboo</i>	
Reports To: <i>Dave Christian</i>	Invoice To: <i>Dave Christian</i>
Company	Company <i>C/O METCO</i>
Address <i>707 Angle St</i>	Address <i>709 Collette St, Ste. 3</i>
City State Zip <i>Baraboo, WI 53913-4500</i>	City State Zip <i>La Crosse, WI 54603</i>
Phone	Phone
FAX	FAX

Analysis Requested												Other Analysis		
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE + 1-NAPHTHOL	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
								<input checked="" type="checkbox"/>						
								<input checked="" type="checkbox"/>						
								<input checked="" type="checkbox"/>						
								<input checked="" type="checkbox"/>						

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>S032612A</i>	<i>MW-3</i>	<i>3-13</i>	<i>1020</i>				<i>3</i>	<i>GW</i>	<i>HCL</i>
<i>B</i>	<i>P3-1</i>	<i>↓</i>	<i>1045</i>				<i>↓</i>	<i>↓</i>	<i>↓</i>
<i>C</i>	<i>MW-2</i>	<i>↓</i>	<i>1105</i>				<i>↓</i>	<i>↓</i>	<i>↓</i>
<i>D</i>	<i>TB</i>						<i>1</i>		<i>↓</i>

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)
** rate Rates Apply Note: Analysis should be \$43.79 /sample*
** Agent status*

Sample Integrity - To be completed by receiving lab. Method of Shipment: <i>SM</i> Temp. of Temp. Blank _____ °C On Ice <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes _____ No	Relinquished By: (sign) <i>Jon Jern</i>	Time <i>4:00 PM</i>	Date <i>3-13-17</i>	Received By: (sign) _____	Time _____	Date _____
	Received in Laboratory By: <i>Christina P. [Signature]</i>					
	Time: <i>8:00</i> Date: <i>3/15/17</i>					

Synergy Environmental Lab,

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

DAVE CHRISTIAN
DAVE CHRISTIAN
707 ANGLE STREET
BARABOO, WI 53913

Report Date 16-Jun-17

Project Name DICK'S CAR CARE
Project #

Invoice # E33082

Lab Code 5033082A
Sample ID MW-3
Sample Matrix Water
Sample Date 6/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B	6/15/2017	6/15/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B	6/15/2017	6/15/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B	6/15/2017	6/15/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B	6/15/2017	6/15/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B	6/15/2017	6/15/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B	6/15/2017	6/15/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B	6/15/2017	6/15/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B	6/15/2017	6/15/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B	6/15/2017	6/15/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B	6/15/2017	6/15/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B	6/15/2017	6/15/2017	CJR	1

Project Name DICK'S CAR CARE
 Project #

Invoice # E33082

Lab Code 5033082B
 Sample ID PZ-1
 Sample Matrix Water
 Sample Date 6/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	1250	ug/l	1.7	5.5	10	8260B		6/15/2017	CJR	1
1,2-Dichloroethane	114	ug/l	4.5	14.3	10	8260B		6/15/2017	CJR	1
EDB (1,2-Dibromoethane)	< 3.4	ug/l	3.4	10.9	10	8260B		6/15/2017	CJR	1
Ethylbenzene	260	ug/l	2	6.3	10	8260B		6/15/2017	CJR	1
Methyl tert-butyl ether (MTBE)	590	ug/l	8.2	26	10	8260B		6/15/2017	CJR	1
Naphthalene	25.9 "J"	ug/l	21.7	69	10	8260B		6/15/2017	CJR	1
Toluene	17.9 "J"	ug/l	6.7	21.3	10	8260B		6/15/2017	CJR	1
1,2,4-Trimethylbenzene	26.1 "J"	ug/l	11.4	36.3	10	8260B		6/15/2017	CJR	1
1,3,5-Trimethylbenzene	< 9.1	ug/l	9.1	29	10	8260B		6/15/2017	CJR	1
m&p-Xylene	60	ug/l	15.6	49.5	10	8260B		6/15/2017	CJR	1
o-Xylene	6.7 "J"	ug/l	3.9	12.5	10	8260B		6/15/2017	CJR	1

Lab Code 5033082C
 Sample ID MW-2
 Sample Matrix Water
 Sample Date 6/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	5200	ug/l	8.5	27.5	50	8260B		6/16/2017	CJR	1
1,2-Dichloroethane	680	ug/l	22.5	71.5	50	8260B		6/16/2017	CJR	1
EDB (1,2-Dibromoethane)	700	ug/l	17	54.5	50	8260B		6/16/2017	CJR	1
Ethylbenzene	640	ug/l	10	31.5	50	8260B		6/16/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 41	ug/l	41	130	50	8260B		6/16/2017	CJR	1
Naphthalene	320 "J"	ug/l	108.5	345	50	8260B		6/16/2017	CJR	1
Toluene	4000	ug/l	33.5	106.5	50	8260B		6/16/2017	CJR	1
1,2,4-Trimethylbenzene	750	ug/l	57	181.5	50	8260B		6/16/2017	CJR	1
1,3,5-Trimethylbenzene	242	ug/l	45.5	145	50	8260B		6/16/2017	CJR	1
m&p-Xylene	2740	ug/l	78	247.5	50	8260B		6/16/2017	CJR	1
o-Xylene	1180	ug/l	19.5	62.5	50	8260B		6/16/2017	CJR	1

Lab Code 5033082D
 Sample ID TB
 Sample Matrix Water
 Sample Date 6/13/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Nap + 1,2 DCA + EDB										
Benzene	< 0.17	ug/l	0.17	0.55	1	8260B		6/15/2017	CJR	1
1,2-Dichloroethane	< 0.45	ug/l	0.45	1.43	1	8260B		6/15/2017	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		6/15/2017	CJR	1
Ethylbenzene	< 0.2	ug/l	0.2	0.63	1	8260B		6/15/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.82	ug/l	0.82	2.6	1	8260B		6/15/2017	CJR	1
Naphthalene	< 2.17	ug/l	2.17	6.9	1	8260B		6/15/2017	CJR	1
Toluene	< 0.67	ug/l	0.67	2.13	1	8260B		6/15/2017	CJR	1
1,2,4-Trimethylbenzene	< 1.14	ug/l	1.14	3.63	1	8260B		6/15/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.91	ug/l	0.91	2.9	1	8260B		6/15/2017	CJR	1
m&p-Xylene	< 1.56	ug/l	1.56	4.95	1	8260B		6/15/2017	CJR	1
o-Xylene	< 0.39	ug/l	0.39	1.25	1	8260B		6/15/2017	CJR	1

Project Name DICK'S CAR CARE
Project #

Invoice # E33082

"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

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) *Bryan Hyman*

Project (Name / Location): *Dicks Car Care / Baraboo*
Reports To: *Dave Christian* Invoice To: *Dave Christian*
Company: _____ Company: *C/O METCO*
Address: *707 Angle Street* Address: *709 Gillette Street, Suite 3*
City State Zip: *Baraboo, WI 53913-4500* City State Zip: *La Crosse WI 54603*
Phone: _____ Phone: _____
FAX: _____ FAX: _____

Analysis Requested												Other Analysis			
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE 1,2-DIOL EDS	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID	
								<input checked="" type="checkbox"/>							
								<input checked="" type="checkbox"/>							
								<input checked="" type="checkbox"/>							

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<i>5033082 A</i>	<i>MW-3</i>	<i>6/13/17</i>	<i>9:00</i>				<i>3</i>	<i>GU</i>	<i>HCl</i>
<i>B</i>	<i>P2-1</i>	<i>↓</i>	<i>9:30</i>				<i>↓</i>	<i>↓</i>	<i>↓</i>
<i>C</i>	<i>MW-2</i>	<i>↓</i>	<i>10:00</i>				<i>↓</i>	<i>↓</i>	<i>↓</i>
<i>D</i>	<i>TB</i>						<i>1</i>		

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* ** Analysis should be \$43.79/sample*
** Agent States*

Relinquished By: (sign) *Bryan Hyman* Time *3:30 PM* Date *6/13/17*
 Received By: (sign) _____ Time _____ Date _____
 Received in Laboratory By: *[Signature]* Time: *8:00* Date: *6/14/17*

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