



October 1, 2015

Tom Versteegen
Department of Natural Resources
625 E. County Road Y, Suite 700
Oshkosh, WI 54901-1805

Re: Status Report – Completion of Approved Scope of Work
Winners Circle Auto, Oxford, Wisconsin

BRRTS # 03-39-168015
PECFA # 53952-0150-15

Dear Tom:

This status report covers the period July 10 through September 28, 2015. The following scope of work has been completed during this period:

- Three additional piezometer monitoring wells were installed on August 10-11, 2015 to define the extent of the deeper contamination in the aquifer. Well MW-11P was installed in S. Oxford Street to define the western extent of the contamination. Well MW-12P was installed in Chauncey Street to define the eastern extent of the contamination. Both of these wells were screened at the same approximate depth as the previous piezometers at the site. Well MW-13P was installed west of the intersection of S. Oxford Street and W. Chauncey Street, to attempt to define the downgradient extent of the contamination. The drilling location for MW-13P was dependent upon safety (getting the drilling rig far enough off the roadway to prevent accidents due to the narrowness of the road and the steep grade of W. Chauncey Street in this area) and the presence of many large trees which limited the accessible areas. Well MW-13P was screened from 40 to 45 feet below the ground surface, approximately five feet shallower than the other piezometers due to the lower ground elevation.
- The wells were developed, surveyed, and sampled on August 12, 2015.

The August 12, 2015 sample results are attached, along with an updated groundwater data table and a map showing the new well locations at the site.

Groundwater Results

The methyl-tert-butylether (MTBE) concentration at MW-11P was 2.7 ug/L, below the preventive action limit of 12 ug/L. No MTBE was detected at MW-12P. Therefore, these two wells appear to successfully define the maximum width of the contaminant plume.

The MTBE concentration at MW-13P was 140 ug/L. This concentration is approximately the same as what was detected upgradient at MW-10P in December 2014. MW-10P is located approximately 160 feet upgradient of MW-13P. Based on this result, the downgradient extent of the groundwater contamination is not defined.

Offices in Illinois, Iowa, Minnesota, and Wisconsin

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Status Report – Winners Circle Auto, Oxford
October 1, 2015

Concentrations in source area wells MW-2 and MW-3 appear to be stable to decreasing. MW-4 continues to present an unstable trend, apparently related to variations in groundwater flow direction due to changes in the groundwater elevations. The same instability is seen at MW-6. MTBE concentrations at MW-7A appear to have stabilized and are decreasing slightly. At MW-8P, the MTBE concentrations have increased over the past year, while at MW-10P, they have decreased.

Conclusions/Recommendations

It is MSA's belief that additional groundwater sampling will be required to determine trends in the newer wells at this site. Prior to site closure, stable to decreasing trends need to be established. In addition, the downgradient extent of the groundwater contamination has not been defined. Due to thick vegetation and steep slopes, it will not be possible to install additional groundwater monitoring wells between MW-13P and the downgradient receptor, Neenah Creek. Neenah Creek in the vicinity of W. Chauncey Street is classified as an Exceptional Resource Water by the Wisconsin Department of Natural Resources. MSA recommends a scope of work including surface water sampling at Neenah Creek to determine if it has been impacted by the contamination. Sampling should include points both to the north and south of the bridge at W. Chauncey Street. This sampling would serve the dual purpose of determining the risk to the creek while establishing the downgradient extent of the contamination.

The risk of vapor intrusion has not been investigated at this site. In the source area and downgradient as far as MW-6, the benzene concentration in groundwater exceeds 1,000 ug/L. The depth to groundwater in these areas is approximately 20 feet, but the houses in the area may have a basement in which there is less than the recommended 20 feet of separation between the groundwater contaminant plume and the building foundation. Therefore, it may be appropriate to evaluate the vapor intrusion risk at some of the properties in the area of the high groundwater concentrations.

Tom, once you've had the opportunity to review these results, please contact me to discuss the next scope of work. I will then prepare a change order for the agreed upon scope for your review and approval.

Sincerely,

MSA Professional Services, Inc.



Jayne A. Englebert, P.G.
Senior Hydrogeologist

Enc.

cc: Terry Berndt, Owner
Steve Mullens, DPW, Village of Oxford
Richard Lyster, MSA

Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-1	<i>Top of Casing = 882.24 ft MSL</i>													
12-Jul-05	<0.40	<0.40	<0.50	<1.0	<0.50	<0.60	<0.60	<2.4						859.80
15-Nov-05	0.84	0.92	<0.40	1.4	<0.40	<0.40	<1.1	<1.5						858.85
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8				5.75	7.15	22	859.77
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8		8.4	57				860.31
28-Feb-08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8							859.95
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8							860.05
15-Nov-11	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							860.49
16-Feb-12	<0.25	<0.25	<0.22	<0.39	0.37	<0.23	1.7							859.89
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.5							861.02
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60							860.56
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60							859.43
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.43
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							861.24
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.46
31-Mar-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							859.72
10-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							860.64
26-Jun-15	Elevation measurement only													860.55
12-Aug-15	Elevation measurement only													860.40
MW-2	<i>Top of Casing = 881.86 ft MSL</i>													
12-Jul-05	290	1900	260	1900	413	<30	120	<2.4						859.59
15-Nov-05	290	2000	320	2170	570	29	150	<1.5						858.75
6-Apr-07	0.3 feet of free product, no sample													859.36
19-Sep-07	490	7700	1600	10200	4280	46	1200							860.22
28-Feb-08	560	9300	1100	7300	1390	<50	410							859.81
26-Oct-09	920	21000	3000	20800	6700	<100	2000							859.94
15-Nov-11	380	25000	3500	25000	5700	<12	1400							860.43
16-Feb-12	270	23000	3300	24000	6400	<58	2500							859.84
31-May-12	20.9	3440	1070	9910	5120	2.46	1130							860.93
23-Aug-12	< 400	18000	2200	21400	6100	<400	3300							860.56
29-Nov-12	< 200	18000	2600	21200	6000	<200	1900							859.45
3-Jun-13	< 130	7100	1800	16400	6700	<130	1600							860.37
30-Sep-13	< 130	7200	2100	29000	12600	<130	7300							861.27
31-Dec-13	< 250	11000	3400	46000	22000	<250	4100							862.43
31-Mar-14	< 250	11000	2500	32000	10900	<200	4600							859.71
10-Dec-14	< 250	2600	1100	23500	6500	<200	1300							860.60
12-Aug-15	< 250	1900	960	21800	6100	<250	1700							860.36

Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-3	<i>Top of Casing = 881.00 ft MSL</i>													
12-Jul-05	3600	9800	1000	5300	920	1100	210	32.9						859.53
15-Nov-05	8400	25000	2600	14300	3510	1700	870	38.2						858.42
6-Apr-07	0.61 feet of free product, no sample													859.03
19-Sep-07	0.17 feet of free product, no sample													859.10
28-Feb-08	buried in a snow pile													
26-Oct-09	0.07 feet of free product, sample results below													
26-Oct-09	4600	43000	4500	11400	6600	<100	1600							859.70
15-Nov-11	0.04 feet of free product, sample results below													
15-Nov-11	2700	28000	3500	30000	11600	<23	3300							860.22
16-Feb-12	3900	42000	5100	33000	12300	<58	3900							859.75
31-May-12	2420	34800	9960	72100	48400	27	13800							861.02
23-Aug-12	2500	29000	4000	27600	14100	<400	9300							860.46
29-Nov-12	3800	41000	4100	25800	11300	<400	690							860.33
3-Jun-13	2200	38000	7700	56000	43800	<500	12000							861.68
30-Sep-13	1100	22000	3200	21300	7100	<500	4200							861.13
31-Dec-13	1600	28000	3800	28400	7000	<500	3000							860.25
31-Mar-14	2100	33000	5100	34000	15500	<800	6400							859.53
10-Dec-14	880	26000	3500	28600	5800	<400	1700							860.43
12-Aug-15	800	28000	4100	33000	8400	<500	3400							860.15
MW-4	<i>Top of Casing = 879.48 ft MSL</i>													
12-Jul-05	2200	9800	1600	7100	1420	1100	360	26.3						859.41
15-Nov-05	260	1400	400	2340	1080	78	270	17.9						858.49
6-Apr-07	860	8700	2200	11300	3240	<25	730				0.08	6.64	-68	859.41
19-Sep-07	<0.50	1.8	13	159	167	<0.50	83		0.43	22				859.85
28-Feb-08	buried in a snow pile													
26-Oct-09	44	130	88	470	450	<5.0	130							859.66
15-Nov-11	47	2100	1500	12000	3990	<9.2	600							860.05
16-Feb-12	<13	1400	1600	14000	4800	<12	870							859.53
31-May-12	3.58	328	201	1720	1013	3.64	246							860.87
23-Aug-12	<80	3100	2400	13900	3780	<80	980							860.14
29-Nov-12	<80	3300	3700	22800	5100	<80	1500							859.00
3-Jun-13	<0.50	<0.50	<0.40	<1.40	3.0	<0.50	1.9							860.19
30-Sep-13	12	3.0	12	46.7	9.4	<0.50	2.6							860.87
31-Dec-13	<0.50	1.3	0.9	42.6	27	<0.50	5.5							860.06
31-Mar-14	<130	1300	2900	19100	4900	<100	1500							859.40
10-Dec-14	<2.5	8.3	36	490	213	<2.0	23							860.25
26-Jun-15	Elevation measurement only													
12-Aug-15	10	4.7	8.8	31	86	<0.50	17							859.97

**Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin**

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-5	<i>Top of Casing = 879.06 ft MSL</i>													
15-Nov-05	1800	640	730	2210	770	680	210	<1.5						858.39
6-Apr-07	240	6.6	190	131	291	70	140							859.32
19-Sep-07	17	<0.50	12	4.3	16.9	4.8	13		1.8	16				859.73
28-Feb-08	11	<0.50	10	<1.0	23.7	3.0	20							859.36
26-Oct-09	4.7	<0.50	16	<1.0	22.9	<0.50	10							859.51
15-Nov-11	0.51	0.97	3.5	7.4	5.26	<0.23	1.7							859.91
16-Feb-12	<0.25	<0.25	<0.22	<0.39	0.26	<0.23	0.6							859.38
31-May-12	<0.25	<0.25	<0.25	<0.25	0.486	<0.25	3.66							860.77
23-Aug-12	1.2	2.1	24	50	30.7	<0.40	15							859.97
29-Nov-12	1.1	2.1	7.4	24	10.5	<0.40	4.6							858.89
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.11
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.69
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							859.95
31-Mar-14	0.62	<0.50	2.2	<1.50	2.9	<0.40	5.6							859.31
10-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							860.12
26-Jun-15	Elevation measurement only													860.13
12-Aug-15	<0.50	<0.50	1.0	<1.60	<1.0	<0.50	1.4							859.88
MW-6	<i>Top of Casing = 878.75 ft MSL</i>													
15-Nov-05	4800	2600	980	2900	470	750	190	<1.5						858.14
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	2.2	<2.8							859.22
19-Sep-07	7.1	<0.50	<0.50	1.4	0.42	12	<2.8		8.9	13				859.46
28-Feb-08	4600	13000	2100	11000	2150	<50	550							859.03
26-Oct-09	9.3	<0.50	2.4	41	75	<0.50	16							859.26
15-Nov-11	80	310	58	470	164	<2.3	31							858.70
16-Feb-12	well is in a large puddle - did not sample													
31-May-12	1.64	1.3	0.71	21.6	25.1	<0.25	9.01							860.70
23-Aug-12	780	2400	610	3030	740	<20	280							859.72
29-Nov-12	1800	6300	1700	8200	1720	<40	570							858.69
3-Jun-13	7.1	34	5.8	25.9	7.4	<0.50	2.6							859.93
30-Sep-13	83	310	69	320	48	0.53	22							860.40
31-Dec-13	25	5.8	6.5	13.7	6.13	<0.50	5.7							859.73
31-Mar-14	98	6.6	35	106.4	73	<2.0	31							859.20
10-Dec-14	120	450	100	640	184	<4.0	52							859.90
26-Jun-15	Elevation measurement only													859.86
12-Aug-15	1200	11000	1500	11500	2230	<130	480							859.60

Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-6P	<i>Top of Casing = 878.82 ft MSL</i>													
10-Dec-14	2.0	4.6	0.89	4.2	0.77	10	<0.50							858.96
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	8.6								859.04
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	12	<0.50							858.78
MW-7	<i>Top of Casing = 875.44 ft MSL</i>													
6-Apr-07	<0.50	<0.50	0.73	<1.0	0.89	3.4	<2.8				3.02	7.55	152.73	857.61
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8	0.33	9.6					857.67
28-Feb-08	<0.50	<0.50	<0.50	<1.0	<0.50	2.8	<2.8							857.16
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8							857.44
15-Nov-11	<0.25	<0.25	<0.22	<0.39	<0.44	0.34	<0.50							857.84
16-Feb-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							857.46
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							859.20
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60							857.62
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60							856.88
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							858.52
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							858.35
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							857.96
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							857.45
10-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							858.07
26-Jun-15	Elevation measurement only													858.25
12-Aug-15	Elevation measurement only													857.72
MW-7A	<i>Top of Casing = 875.46 ft MSL</i>													
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8				2.09	7.72	218	855.21
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	1.4	<2.8	0.46	23					855.03
28-Feb-08	0.78	<0.50	<0.50	<1.0	<0.50	23	<2.8							854.81
26-Oct-09	0.61	<0.50	<0.50	<1.0	<0.50	46	<2.8							855.63
15-Nov-11	<0.25	<0.25	<0.22	0.46	0.39	95	<0.50							854.66
16-Feb-12	<0.25	<0.25	<0.22	<0.39	0.58	100	<0.50							855.20
31-May-12	3.49	<0.25	<0.25	<0.25	1.04	145	<2.50							855.24
23-Aug-12	2.8	<0.50	1.9	0.65	<1.00	160	0.96							855.13
29-Nov-12	2.0	<0.50	1.7	<1.7	<1.0	110	<0.60							855.16
3-Jun-13	<2.5	<2.5	<2.0	<7.0	<4.0	140	<2.5							855.96
30-Sep-13	<2.5	<2.5	4.2	<7.0	3.2	160	5.7							855.78
31-Dec-13	<2.5	<2.5	<2.0	<7.0	<4.0	160	<2.5							855.90
31-Mar-14	<2.5	<2.5	<2.5	<7.5	<5.5	170	6.8							855.07
9-Dec-14	1.2	<0.50	0.55	<1.5	<1.1	150	<1.2							854.92
26-Jun-15	<2.5	<2.5	<2.5	<8.0	<5.0	140								855.68

**Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin**

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-8	<i>Top of Casing = 877.23 ft MSL</i>													
6-Apr-07	1500	<25	470	840	440	1000	140				1.61	7.27	19.36	858.82
19-Sep-07	42	<0.50	13	4.01	8.3	33	5.8		0.34	7.3				859.01
28-Feb-08	150	1.1	46	2.1	63	160	48							857.57
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8							858.77
15-Nov-11	<0.25	<0.25	<0.22	<0.39	<0.44	0.46	<0.50							859.14
16-Feb-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							858.74
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							860.38
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60							859.14
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	1.1	<0.60							858.16
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	0.75	<0.50							859.65
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							859.85
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							859.25
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							858.65
9-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							859.43
26-Jun-15	Elevation measurement only													
MW-8P	<i>Top of Casing = 876.53 ft MSL</i>													
9-Dec-14	0.59	<0.50	<0.50	<1.5	<1.1	210	<0.50							858.65
26-Jun-15	<5.0	<5.0	<5.0	<16.0	<10.0	380								858.72
12-Aug-15	<10	<10	<10	<32	<20	540	<10							858.27
MW-9P	<i>Top of Casing = 875.60 ft MSL</i>													
9-Dec-14	<0.25	<0.50	<0.50	<1.50	<1.1	1.5	<0.50							859.18
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	6.3								858.15
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	3.5	<0.50							858.81
MW-10P	<i>Top of Casing = 870.20 ft MSL</i>													
9-Dec-14	6.7	<0.50	<0.50	<1.5	<1.1	150	<0.50							851.65
26-Jun-15	8.0	<0.50	<0.50	<1.60	<1.0	69								852.09
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	28	<0.50							848.16
MW-11P	<i>Top of Casing = 878.00 ft MSL</i>													
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	2.7	<0.50							855.91
MW-12P	<i>Top of Casing = 871.79 ft MSL</i>													
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50							856.65

**Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin**

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-13P	<i>Top of Casing = 861.76 ft MSL</i>													
12-Aug-15	0.94	<0.50	<0.50	<1.60	<1.0	140	<0.50							843.05
Village Hall 29-Nov-12	(former Fire Department)													
	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60							
128 S. Oxford 26-Oct-09	Roos 2" well used for yard watering and laundry													
	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
128 S. Oxford 26-Oct-09	Roos 6" well used for drinking water													
	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
	5-Jan-12	<0.25	<0.26	<0.22	<0.39	<0.44	<0.23	<0.50						
	31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50						
129 S. Oxford 26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
	23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60						
	3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50						
209 S. Oxford 26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
	5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50						
	3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50						
229 S. Oxford 26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
	31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50						
	31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50						
219 W. Chauncey 26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								
205 W. Chauncey 26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								
147 W. Chauncey 26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								
138 Chauncey 26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
	29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60						
	31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2						
131 Chauncey 26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								

Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
120 Chauncey														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
223 Franklin														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
229 Franklin														
	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
128 Vallette - Lightfoot														
15-Nov-05	<0.21	<0.23	<0.10	<0.22	<0.12	<0.12	<0.15							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
16-Feb-12	vacant, for sale													
29-Nov-12	vacant, for sale													
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
201 S. Oxford														
19-Sep-07	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.00	<0.40	<0.60							
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
214 S. Oxford - Lloyd														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							
31-Dec-13	vacant, no occupant													
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							
209 Franklin - Drinkwater														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
215 Franklin - Morgan														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
125 Vallette - Siekert														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							

Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert-butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
133 Vallette - Ellis														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
141 Vallette - Long														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							

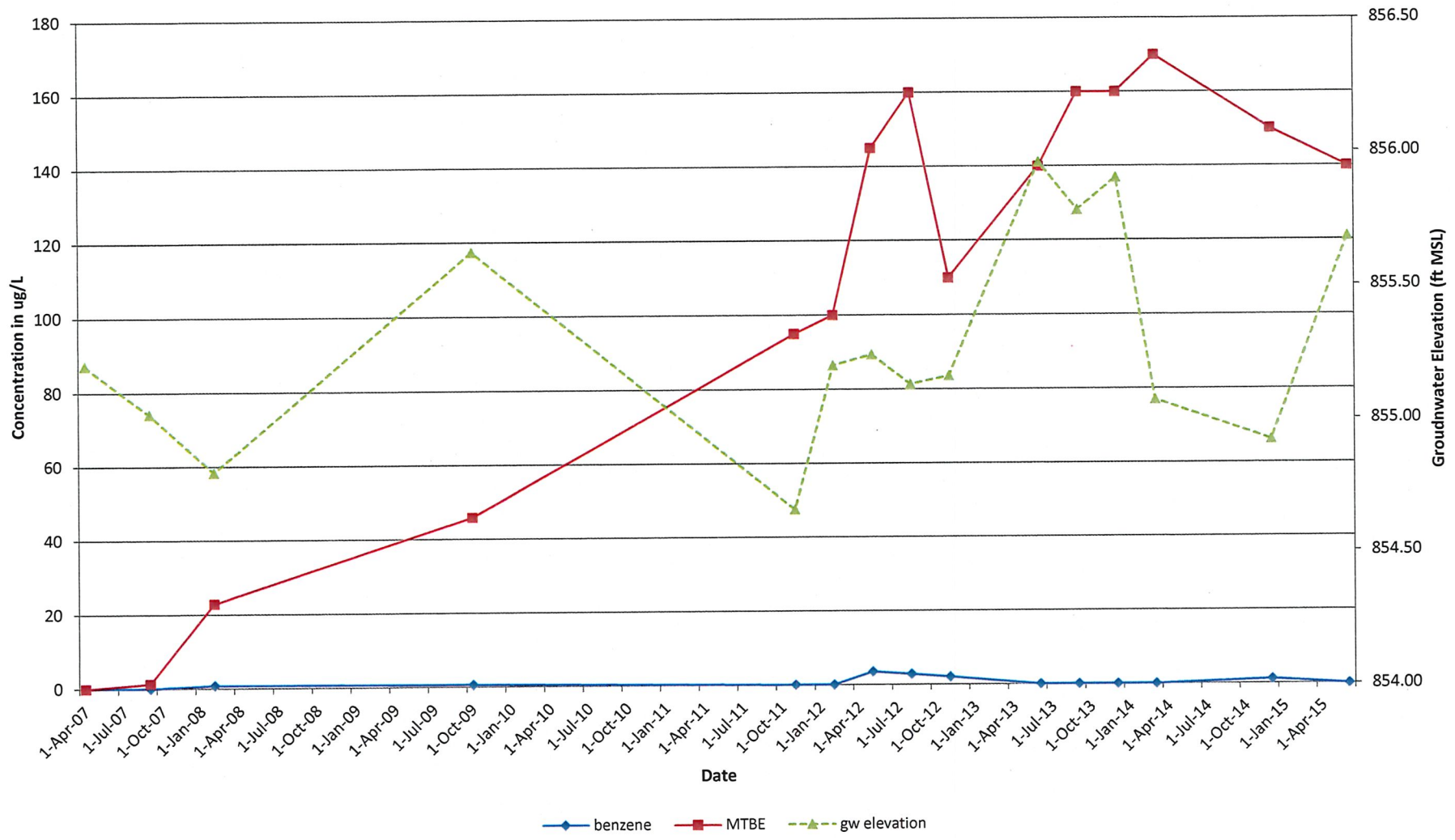
PAL = Wisconsin Administrative Code NR 140 preventive action limit

ES = Wisconsin Administrative Code NR 140 enforcement standard

MSL = mean sea level

Values in BOLD exceed NR 140 enforcement standard

**Concentrations at MW-7A
Winner's Circle Auto, Oxford, WI**

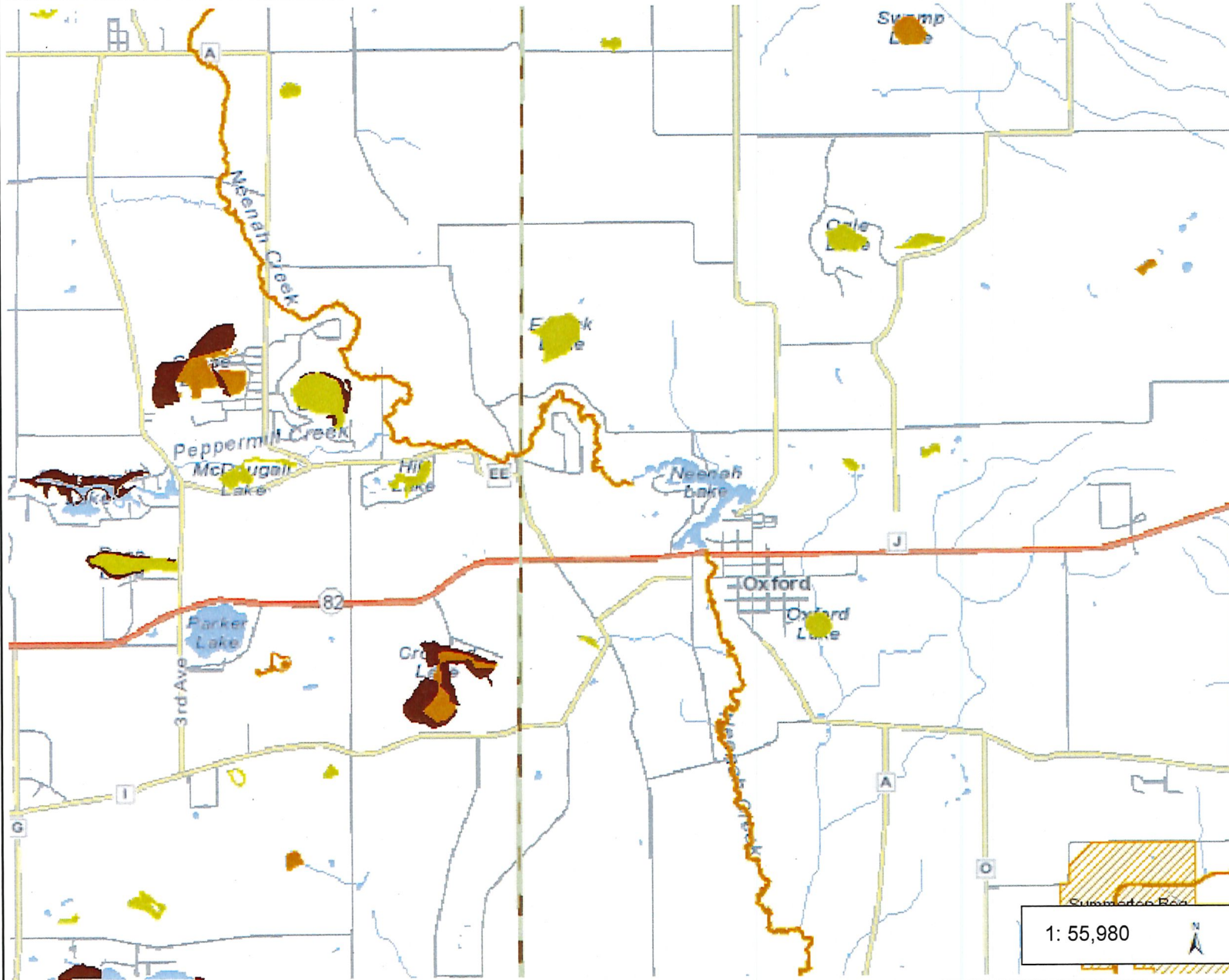


Outstanding and Exceptional Waters Report: County: Marquette

WADRS ID	Official Waterbody Name	Local Waterbody Name	WBIC	ORW/ERW	ORW/ERW ID	Start Mile	End Mile	Mileage	Counties	Watersheds	Map Link
10718	Caves Creek	Caves Creek	166100	/ERW	419	0	12.1	12.1	Marquette	UF13	Map Link
18181	Chaffee Creek	Chaffee Creek	155900	ORW/	334	1.66	15.62	13.96	Marquette, Waushara	UF09	Map Link
10720	Lawrence Creek	Lawrence Creek	167100	ORW/	424	0	1.98	1.98	Marquette	UF13	Map Link
11062	Mecan River	Mecan River	155000	ORW/	325	12.84	28.97	16.13	Marquette, Waushara	UF09	Map Link
18127	Neenah Creek	Neenah Creek	173800	/ERW	475	29.98	38.78	8.8	Adams, Marquette	UF14	Map Link
10716	Tagatz Creek	Tagatz Creek	165800	ORW/	411	1.52	14.99	13.47	Marquette	UF13	Map Link
								66.44			

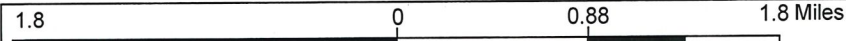


Surface Water Data Viewer Map



- Legend**
- PRF Sensitive Areas of Lakes
 - PRF Other Public Rights Feat
 - ASNRI Wild and Scenic Rivers
 - ASNRI Outstanding and Excep
 - ASNRI Trout Streams
 - ASNRI Wild Rice Streams
 - ASNRI Quality Wetland Strain
 - ASNRI Endangered Threatene Concern Streams
 - ASNRI Outstanding and Excep
 - ASNRI Quality Wetland Areas
 - ASNRI Wild Rice Areas
 - ASNRI Trout Spring Ponds
 - ASNRI Endangered Threatene Concern Areas
 - ASNRI State Natural Areas
 - PNW Musky Streams
 - PNW Sturgeon Streams
 - PNW Musky Areas
 - PNW Sturgeon Areas
 - PNW Walleye Areas
 - PNW Lakes Less Than 50 Acr
 - Rivers and Streams
 - Open Water

1: 55,980



NAD_1983_HARN_Wisconsin_TM
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Notes

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DEVELOPMENT • ENVIRONMENTAL
301 West First Street, Duluth, MN 55802
218-722-9915 1-800-777-7380 FAX: 218-722-4548
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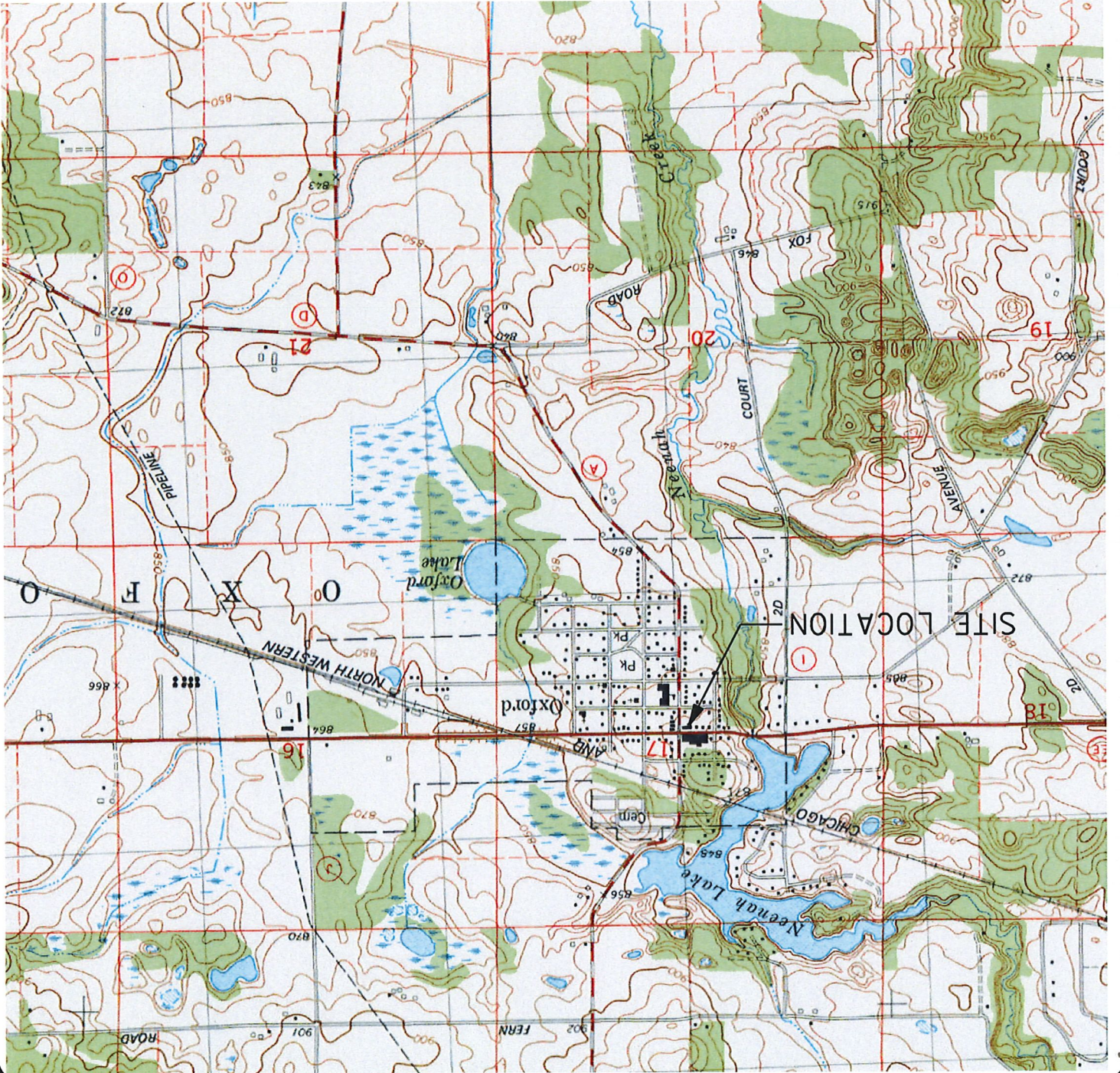


FIGURE 1
SITE LOCATION MAP
WINNER'S CIRCLE AUTOMOTIVE
115 West Ormsby Street
Oxford, WI 53952

Oxford Quadrangle
Wisconsin - Marquette County
7.5 Minute Series (Topographic)
Contour Interval 10 Feet
1979
Photo Inspected 1981



SCALE IN FEET
2000 0 2000



W. ORMSBY STREET (STH 82)

LEGEND
 EXISTING MONITORING WELL

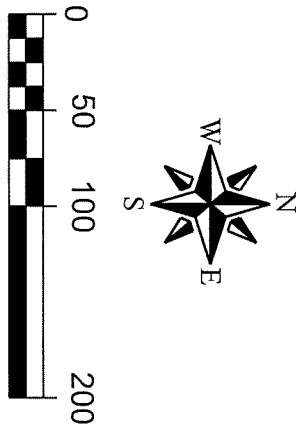
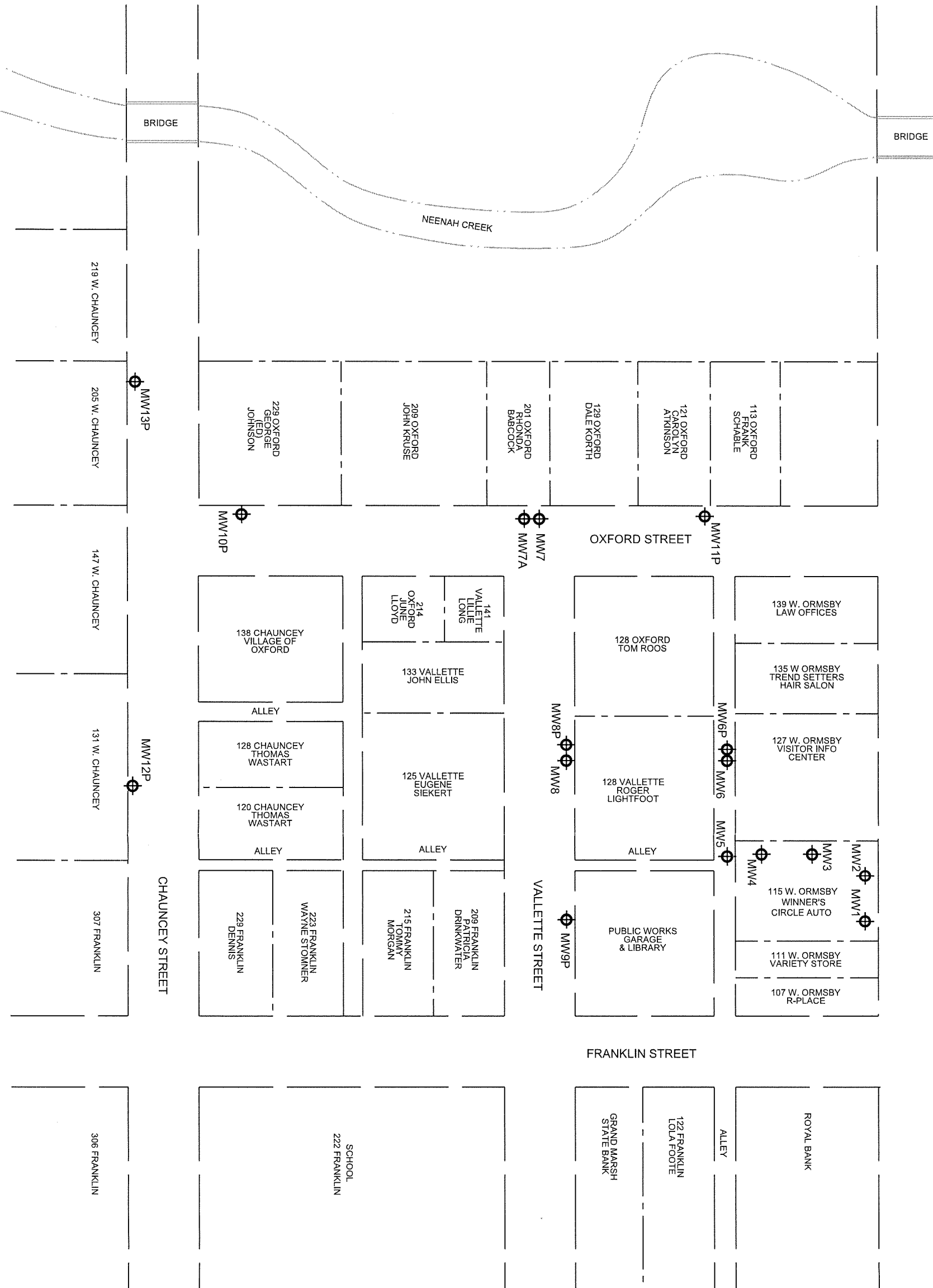


FIGURE 3

MONITORING WELL LOCATIONS
 WINNER'S CIRCLE AUTO
 OXFORD, WISCONSIN

MSA
 TRANSPORTATION • MUNICIPAL
 DEVELOPMENT • ENVIRONMENTAL
 1230 South Boulevard Baraboo, WI 53913
 608-356-2771 1-800-561-4905 Fax: 608-356-2770
 MSA PROFESSIONAL SERVICES

DATE: 3-9-15
 SCALE: AS NOTED
 SHEET: of
 FILE NO.: 213212CC

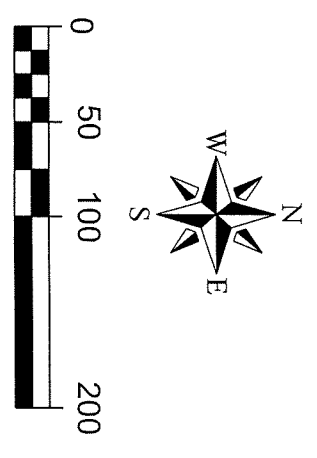
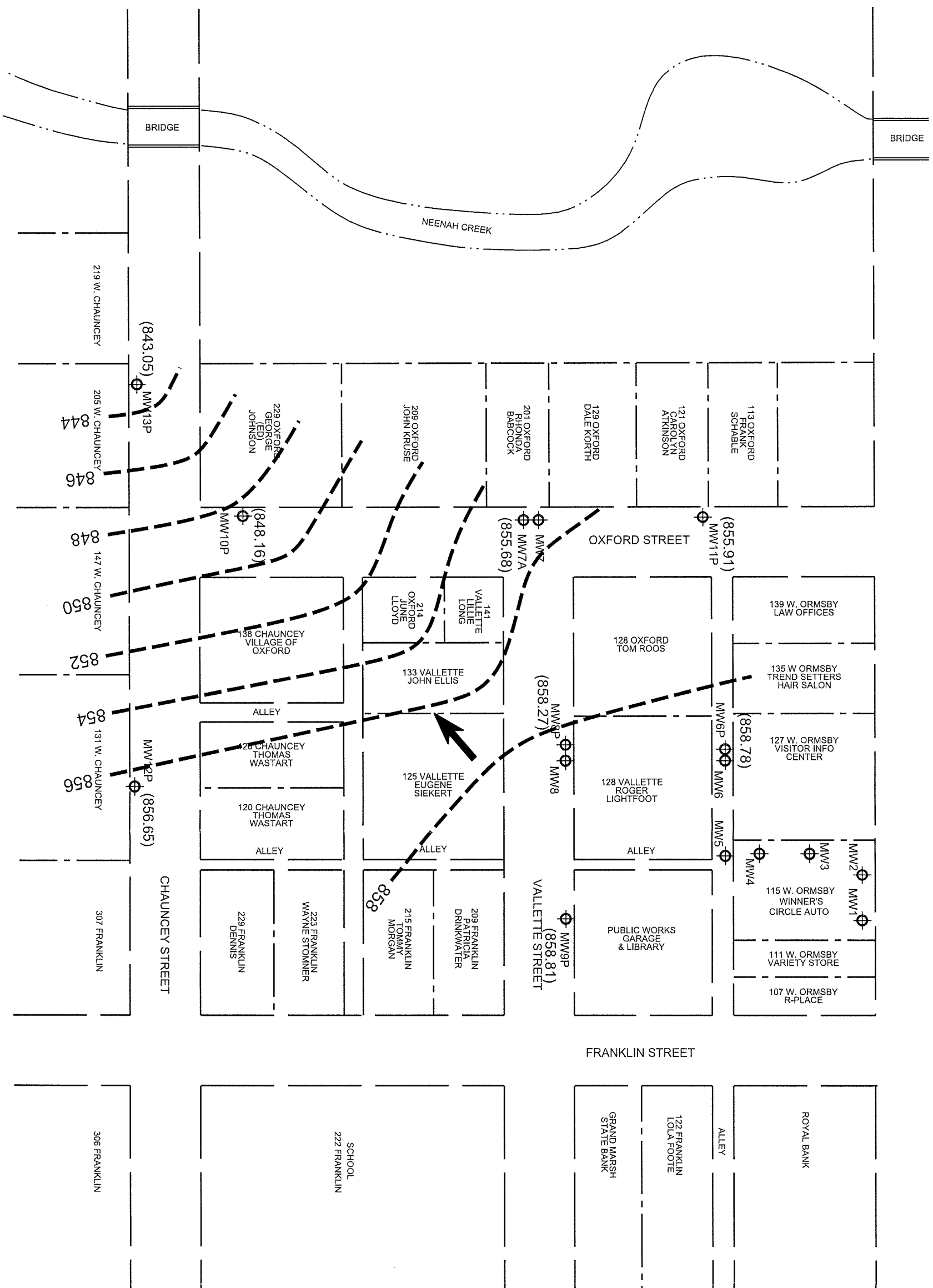
DRAWN BY: CAR
 CHECKED BY: SCALE AS NOTED

W. ORMSBY STREET (STH 82)

LEGEND

⊕ EXISTING MONITORING WELL

(858.78) GROUNDWATER ELEVATION IN FEET MEAN SEA LEVEL IN PIEZOMETER WELL



**GROUNDWATER FLOW DIRECTION
PIEZOMETERS, AUG. 12, 2015**
WINNER'S CIRCLE AUTO
OXFORD, WISCONSIN

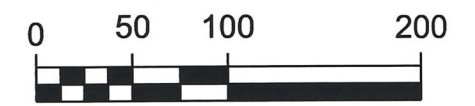
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DEVELOPMENT • ENVIRONMENTAL
1230 South Boulevard, Baraboo, WI 53915
608-536-2771 1-800-561-4505 Fax: 608-536-2770
© USA PROFESSIONAL SERVICES

Drawn by: CAR DATE: 9-30-15 SCALE: AS NOTED
Checked by: _____ FILE NO: _____ SHEET _____ of _____
2132129w

LEGEND

 EXISTING MONITORING WELL

 EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR140 ENFORCEMENT STANDARDS



EXTENT OF GROUNDWATER CONTAMINATION AUG. 12, 2015
 WINNER'S CIRCLE AUTO
 OXFORD, WISCONSIN



TRANSPORTATION • MUNICIPAL
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 1230 South Boulevard Baraboo, WI 53913
 608-356-2771 1-800-362-4505 Fax: 608-356-2770

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 DRAWN BY CAR DATE 9-30-15 SHEET 1 of 1
 CHECKED BY SCALE AS NOTED FILE NO. 213212gw cont



ANALYTICAL REPORT

MSA PROFESSIONAL SERVICES
 JAYNE ENGLEBERT
 1230 SOUTH BLVD
 BARABOO, WI 53913

Project Name: WINNER'S CIRCLE
 Project Phase:
 Contract #: 2054
 Project #: 213212
 Folder #: 113236
 Purchase Order #:

Page 1 of 9
 Arrival Temperature: See COC
 Report Date: 08/21/2015
 Date Received: 08/13/2015
 Reprint Date: 08/21/2015

CT LAB Sample#: 620970	Sample Description: MW-2	Sampled: 08/12/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	4700	ug/L	250	850	500		08/17/2015	23:51	BMS	EPA 8021B
1,3,5-Trimethylbenzene	1400	ug/L	250	850	500		08/17/2015	23:51	BMS	EPA 8021B
Benzene	<250	ug/L	250	850	500		08/17/2015	23:51	BMS	EPA 8021B
Ethylbenzene	960	ug/L	250	850	500		08/17/2015	23:51	BMS	EPA 8021B
m & p-Xylene	14000	ug/L	550	1800	500		08/17/2015	23:51	BMS	EPA 8021B
Methyl tert-butyl ether	<250	ug/L	250	800	500		08/17/2015	23:51	BMS	EPA 8021B
Naphthalene	1700	ug/L	250	850	500		08/17/2015	23:51	BMS	EPA 8021B
o-Xylene	7800	ug/L	250	850	500		08/17/2015	23:51	BMS	EPA 8021B
Toluene	1900	ug/L	250	850	500		08/17/2015	23:51	BMS	EPA 8021B

CT LAB Sample#: 620977	Sample Description: MW-3	Sampled: 08/12/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
---------	--------	-------	-----	-----	----------	-----------	----------------	--------------------	---------	--------

Organic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 620977 Sample Description: MW-3 Sampled: 08/12/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	6600	ug/L	500	1700	1000			08/18/2015 00:29	BMS	EPA 8021B
1,3,5-Trimethylbenzene	1800	ug/L	500	1700	1000			08/18/2015 00:29	BMS	EPA 8021B
Benzene	800	ug/L	500 *	1700	1000			08/18/2015 00:29	BMS	EPA 8021B
Ethylbenzene	4100	ug/L	500	1700	1000			08/18/2015 00:29	BMS	EPA 8021B
m & p-Xylene	22000	ug/L	1100	3500	1000			08/18/2015 00:29	BMS	EPA 8021B
Methyl tert-butyl ether	<500	ug/L	500	1600	1000			08/18/2015 00:29	BMS	EPA 8021B
Naphthalene	3400	ug/L	500	1700	1000			08/18/2015 00:29	BMS	EPA 8021B
o-Xylene	11000	ug/L	500	1700	1000			08/18/2015 00:29	BMS	EPA 8021B
Toluene	28000	ug/L	500	1700	1000			08/18/2015 00:29	BMS	EPA 8021B

CT LAB Sample#: 620978 Sample Description: MW-4 Sampled: 08/12/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	47	ug/L	5.0	17	10			08/18/2015 01:07	BMS	EPA 8021B
1,3,5-Trimethylbenzene	39	ug/L	0.50	1.7	1			08/18/2015 10:10	BMS	EPA 8021B
Benzene	10	ug/L	0.50	1.7	1			08/18/2015 10:10	BMS	EPA 8021B
Ethylbenzene	8.8	ug/L	0.50	1.7	1			08/18/2015 10:10	BMS	EPA 8021B
m & p-Xylene	19	ug/L	1.1	3.5	1			08/18/2015 10:10	BMS	EPA 8021B
Methyl tert-butyl ether	<0.50	ug/L	0.50	1.6	1			08/18/2015 10:10	BMS	EPA 8021B
Naphthalene	17	ug/L	0.50	1.7	1			08/18/2015 10:10	BMS	EPA 8021B
o-Xylene	12	ug/L	0.50	1.7	1			08/18/2015 10:10	BMS	EPA 8021B
Toluene	4.7	ug/L	0.50	1.7	1			08/18/2015 10:10	BMS	EPA 8021B



CT LAB Sample#: 620979 Sample Description: MW-5	Sampled: 08/12/2015
--	---------------------

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1		08/18/2015	07:01	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1		08/18/2015	07:01	BMS	EPA 8021B
Benzene	<0.50	ug/L	0.50	1.7	1		08/18/2015	07:01	BMS	EPA 8021B
Ethylbenzene	1.0	ug/L	0.50 *	1.7	1		08/18/2015	07:01	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1		08/18/2015	07:01	BMS	EPA 8021B
Methyl tert-butyl ether	<0.50	ug/L	0.50	1.6	1		08/18/2015	07:01	BMS	EPA 8021B
Naphthalene	1.4	ug/L	0.50 *	1.7	1		08/18/2015	07:01	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1		08/18/2015	07:01	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1		08/18/2015	07:01	BMS	EPA 8021B

CT LAB Sample#: 620980 Sample Description: MW-6	Sampled: 08/12/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	1700	ug/L	130	430	250		08/18/2015	09:32	BMS	EPA 8021B
1,3,5-Trimethylbenzene	530	ug/L	130	430	250		08/18/2015	09:32	BMS	EPA 8021B
Benzene	1200	ug/L	130	430	250		08/18/2015	09:32	BMS	EPA 8021B
Ethylbenzene	1500	ug/L	130	430	250		08/18/2015	09:32	BMS	EPA 8021B
m & p-Xylene	7500	ug/L	280	880	250		08/18/2015	09:32	BMS	EPA 8021B
Methyl tert-butyl ether	<130	ug/L	130	400	250		08/18/2015	09:32	BMS	EPA 8021B
Naphthalene	480	ug/L	130	430	250		08/18/2015	09:32	BMS	EPA 8021B
o-Xylene	4000	ug/L	130	430	250		08/18/2015	09:32	BMS	EPA 8021B
Toluene	11000	ug/L	130	430	250		08/18/2015	09:32	BMS	EPA 8021B



CT LAB Sample#: 620981 Sample Description: MW-6P	Sampled: 08/12/2015
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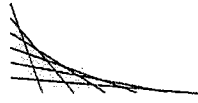
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1		08/17/2015	15:05	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1		08/17/2015	15:05	BMS	EPA 8021B
Benzene	<0.50	ug/L	0.50	1.7	1		08/17/2015	15:05	BMS	EPA 8021B
Ethylbenzene	<0.50	ug/L	0.50	1.7	1		08/17/2015	15:05	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1		08/17/2015	15:05	BMS	EPA 8021B
Methyl tert-butyl ether	12	ug/L	0.50	1.6	1		08/17/2015	15:05	BMS	EPA 8021B
Naphthalene	<0.50	ug/L	0.50	1.7	1		08/17/2015	15:05	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1		08/17/2015	15:05	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1		08/17/2015	15:05	BMS	EPA 8021B

CT LAB Sample#: 620982 Sample Description: MW-8P	Sampled: 08/12/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8021B: T										
1,2,4-Trimethylbenzene	<10	ug/L	10	34	20		08/18/2015	08:54	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<10	ug/L	10	34	20		08/18/2015	08:54	BMS	EPA 8021B
Benzene	<10	ug/L	10	34	20		08/18/2015	08:54	BMS	EPA 8021B
Ethylbenzene	<10	ug/L	10	34	20		08/18/2015	08:54	BMS	EPA 8021B
m & p-Xylene	<22	ug/L	22	70	20		08/18/2015	08:54	BMS	EPA 8021B
Methyl tert-butyl ether	540	ug/L	10	32	20		08/18/2015	08:54	BMS	EPA 8021B
Naphthalene	<10	ug/L	10	34	20		08/18/2015	08:54	BMS	EPA 8021B

CT LABORATORIES

delivering more than data from your environmental analyses



MSA PROFESSIONAL SERVICES
 Project Name: WINNER'S CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 113236
 Page 5 of 9

CT LAB Sample#: 620982	Sample Description: MW-8P	Sampled: 08/12/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8021B: T										
o-Xylene	<10	ug/L	10	34	20			08/18/2015 08:54	BMS	EPA 8021B
Toluene	<10	ug/L	10	34	20			08/18/2015 08:54	BMS	EPA 8021B

CT LAB Sample#: 620983	Sample Description: MW-9P	Sampled: 08/12/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8021B: T										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 15:43	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 15:43	BMS	EPA 8021B
Benzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 15:43	BMS	EPA 8021B
Ethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 15:43	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1			08/17/2015 15:43	BMS	EPA 8021B
Methyl tert-butyl ether	3.5	ug/L	0.50	1.6	1			08/17/2015 15:43	BMS	EPA 8021B
Naphthalene	<0.50	ug/L	0.50	1.7	1			08/17/2015 15:43	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1			08/17/2015 15:43	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1			08/17/2015 15:43	BMS	EPA 8021B

CT LAB Sample#: 620984	Sample Description: MW-10P	Sampled: 08/12/2015
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis

CT LABORATORIES

delivering more than data from your environmental analyses



MSA PROFESSIONAL SERVICES
 Project Name: WINNER'S CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 113236
 Page 6 of 9

CT LAB Sample#: 620984 Sample Description: MW-10P

Sampled: 08/12/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/18/2015 07:38	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/18/2015 07:38	BMS	EPA 8021B
Benzene	<0.50	ug/L	0.50	1.7	1			08/18/2015 07:38	BMS	EPA 8021B
Ethylbenzene	<0.50	ug/L	0.50	1.7	1			08/18/2015 07:38	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1			08/18/2015 07:38	BMS	EPA 8021B
Methyl tert-butyl ether	28	ug/L	0.50	1.6	1			08/18/2015 07:38	BMS	EPA 8021B
Naphthalene	<0.50	ug/L	0.50	1.7	1			08/18/2015 07:38	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1			08/18/2015 07:38	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1			08/18/2015 07:38	BMS	EPA 8021B

CT LAB Sample#: 620985 Sample Description: MW-11P

Sampled: 08/12/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:21	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:21	BMS	EPA 8021B
Benzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:21	BMS	EPA 8021B
Ethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:21	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1			08/17/2015 16:21	BMS	EPA 8021B
Methyl tert-butyl ether	2.7	ug/L	0.50	1.6	1			08/17/2015 16:21	BMS	EPA 8021B
Naphthalene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:21	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:21	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:21	BMS	EPA 8021B

Unless specifically stated to the contrary, soil/sediment/sludge sample results reported on a Dry Weight Basis



CT LAB Sample#: 620986 Sample Description: MW-12P

Sampled: 08/12/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1	M		08/17/2015 16:58	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1	M		08/17/2015 16:58	BMS	EPA 8021B
Benzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:58	BMS	EPA 8021B
Ethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:58	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1			08/17/2015 16:58	BMS	EPA 8021B
Methyl tert-butyl ether	<0.50	ug/L	0.50	1.6	1			08/17/2015 16:58	BMS	EPA 8021B
Naphthalene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:58	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:58	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1			08/17/2015 16:58	BMS	EPA 8021B

CT LAB Sample#: 620987 Sample Description: MW-13P

Sampled: 08/12/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 17:35	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 17:35	BMS	EPA 8021B
Benzene	0.94	ug/L	0.50 *	1.7	1			08/17/2015 17:35	BMS	EPA 8021B
Ethylbenzene	<0.50	ug/L	0.50	1.7	1			08/17/2015 17:35	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1			08/17/2015 17:35	BMS	EPA 8021B
Methyl tert-butyl ether	140	ug/L	2.5	8.0	5			08/18/2015 08:17	BMS	EPA 8021B
Naphthalene	<0.50	ug/L	0.50	1.7	1			08/17/2015 17:35	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1			08/17/2015 17:35	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1			08/17/2015 17:35	BMS	EPA 8021B



CT LAB Sample#: 620988 Sample Description: TRIP BLANK

Sampled: 08/12/2015

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1.7	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
Benzene	<0.50	ug/L	0.50	1.7	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
Ethylbenzene	<0.50	ug/L	0.50	1.7	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
m & p-Xylene	<1.1	ug/L	1.1	3.5	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
Methyl tert-butyl ether	<0.50	ug/L	0.50	1.6	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
Naphthalene	<0.50	ug/L	0.50	1.7	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
o-Xylene	<0.50	ug/L	0.50	1.7	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B
Toluene	<0.50	ug/L	0.50	1.7	1		08/17/2015 12:35	08/17/2015 12:35	BMS	EPA 8021B



Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

QC Qualifiers

<u>Code</u>	<u>Description</u>
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Kansas NELAP ID# E-10368
 Kentucky ID# 0023
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 North Carolina ID# 674
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID E871111, Expires Annually
 Louisiana ID # 115843
 Virginia ID# 7608
 Illinois NELAP ID # 002413
 Wisconsin (WOSB) ID# WI-5499-WBE
 Maryland ID# 344

Company: MSA Professional

Project Contact: *Jorge Englebert*

Telephone: 356-2771

Project Name: Winner's Circle

Project #: 213212

Location: WI

Sampled By: David Fitzsimmons

LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Folder #: 113236

Company: MSA PROFESSIONAL S

Project: WINNER'S CIRCLE

Logged By: TKR PM: ET

SDWA NPDES
Other _____

Report To: MSA
EMAIL: *1230 South Blvd,*
Company: *Baraboo, WI 53913*
Address: *Baraboo, WI 53913*

Invoice To: *Same*
EMAIL:
Company:
Address:

Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

PELCA

ANALYSES REQUESTED

Filtered? Y/N

PVPZ + MSA-PH

Total # Containers

Designated MS/MSD

Turnaround Time
Normal RUSH*

Date Needed: _____

Rush analysis requires prior
CT Laboratories' approval

Surcharges:

24 hr 200%

2-3 days 100%

4-9 days 50%

Matrix:
GW - groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection		Matrix	Grab/Comp	Sample #	Sample ID Description	Filtered? Y/N	Fill in Spaces with Bottles per Test												Total # Containers	Designated MS/MSD	CT Lab ID # <i>Lab use only</i>
Date	Time																				
8/12/15		GW	G		mw-2	N	X										3	620970			
					mw-3		X										3	620971			
					mw-4		X										3	620978			
					mw-5		X										3	620979			
					mw-6		X										3	620980			
					mw-6P		X										3	620981			
					mw-8P		X										3	620982			
					mw-9P		X										3	620983			
					mw-10P		X										3	620984			
					mw-11P		X										3	620985			
					mw-12P		X										3	620986			
					mw-13P		X										3	620987			

Relinquished By: *David Fitzsimmons*
Received by: _____

Date/Time: 8/12/15
Date/Time: _____


Received By: *TKR*
Received for Laboratory by: *TKR*

Date/Time: 8/13/15 1252
Date/Time: 8/13/15 1259

Lab Use Only
Ice Present 38 Yes No
Temp 38 IR Gun 11
Cooler # 5437

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

Facility/Project Name Winner's Circle Auto (Tim's Auto)		License/Permit/Monitoring Number		Boring Number MW-11P	
Boring Drilled By: Name of crew chief (first, last) and Firm Kevin SES		Date Drilling Started 8/10/2015		Date Drilling Completed 8/10/2015	
Drilling Method hollow stem auger		WI Unique Well No. VZ475		DNR Well ID No.	
Common Well Name MW-11P		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Borehole Diameter 8.5 inches		Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane NE 1/4 of SW 1/4 of Section 17, T 15 N, R 8 E		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
Long _____"		Feet <input type="checkbox"/> S <input type="checkbox"/> W		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 339168015		County Marquette		County Code 39	
Civil Town/City/ or Village Oxford					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			5 10 15 20 25 30 35 40 45 50	Blind drilled, no sampling										

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

Signature *Jayne Eaglebut* Firm **MSA Professional Services, Inc.** Tel: 608-356-2771
 1230 South Boulevard Baraboo, WI 53913 Fax: 608-356-2770

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Facility/Project Name Winner's Circle Auto (Tim's Auto)			License/Permit/Monitoring Number		Boring Number MW-12P	
Boring Drilled By: Name of crew chief (first, last) and Firm Kevin SES			Date Drilling Started 8/10/2015		Date Drilling Completed 8/10/2015	
Drilling Method hollow stem auger						
WI Unique Well No. VZ476	DNR Well ID No.	Common Well Name MW-12P	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 8.5 inches	
Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane NE 1/4 of SW 1/4 of Section 17, T 15 N, R 8 E			Lat _____ " <input type="checkbox"/> N <input type="checkbox"/> E			
			Long _____ " <input type="checkbox"/> S <input type="checkbox"/> W			
Facility ID 339168015		County Marquette	County Code 39	Civil Town/City/ or Village Oxford		

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				5	Blind drilled, no sampling											
				10												
				15												
				20												
				25												
				30												
				35												
				40												
				45												
				50												

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

Signature *Jayne Englebert* Firm **MSA Professional Services, Inc.** Tel: 608-356-2771
1230 South Boulevard Baraboo, WI 53913 Fax: 608-356-2770

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

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

Facility/Project Name Winner's Circle Auto (Tim's Auto)		License/Permit/Monitoring Number		Boring Number MW-13P	
Boring Drilled By: Name of crew chief (first, last) and Firm Kevin SES		Date Drilling Started 8/11/2015		Date Drilling Completed 8/11/2015	
Drilling Method hollow stem auger					
WI Unique Well No. VZ477	DNR Well ID No.	Common Well Name MW-13P	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 8.5 inches
Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane NE 1/4 of SW 1/4 of Section 17, T 15 N, R 8 E			Lat _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID 339168015		County Marquette	County Code 39	Civil Town/City/ or Village Oxford	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			5	Blind drilled, no sampling										
			10											
			15											
			20											
			25											
			30											
			35											
			40											
			45											

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

Signature *Jayne Engbert* Firm **MSA Professional Services, Inc.** 1230 South Boulevard Baraboo, WI 53913
Tel: 608-356-2771 Fax: 608-356-2770

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Facility/Project Name Winner's Circle Auto (Tim's Auto)	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MW-11P
Facility License, Permit or Monitoring No.	Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or	Wis. Unique Well No. VZ475 DNR Well Number
Facility ID 339168015	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 08/10/2015
Type of Well Well Code 72/dp	Section Location of Waste/Source NE 1/4 of SW 1/4 of Sec. 17, T. 15 N, R. 8 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) Kevin SES
Distance from Waste/Source ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number

- A. Protective pipe, top elevation _____ ft. MSL
- B. Well casing, top elevation 878.00 ft. MSL
- C. Land surface elevation 878.5 ft. MSL
- D. Surface seal, bottom _____ ft. MSL or 1.0 ft.

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

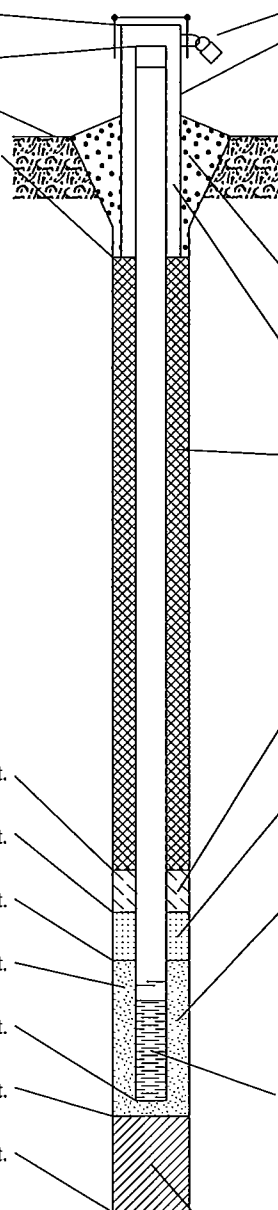
13. Sieve analysis attached? Yes No

14. Drilling method used: Rotary 5 0
 Hollow Stem Auger 4 1
 Other

15. Drilling fluid used: Water 0 2 Air 0 1
 Drilling Mud 0 3 None 9 9

16. Drilling additives used? Yes No
 Describe _____

17. Source of water (attach analysis, if required):



- 1. Cap and lock? Yes No
- 2. Protective cover pipe:
 - a. Inside diameter: _____ 9.0 in.
 - b. Length: _____ 1.0 ft.
 - c. Material: Steel 0 4
Other
 - d. Additional protection? Yes No
If yes, describe: _____
- 3. Surface seal:
 - Bentonite 3 0
 - Concrete 0 1
 - Other
- 4. Material between well casing and protective pipe:
 - Bentonite 3 0
 - Other
- 5. Annular space seal:
 - a. Granular/Chipped Bentonite 3 3
 - b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry 3 5
 - c. _____ Lbs/gal mud weight . . . Bentonite slurry 3 1
 - d. _____ % Bentonite . . . Bentonite-cement grout 5 0
 - e. 500 lbs volume added for any of the above
 - f. How installed: Tremie 0 1
Tremie pumped 0 2
Gravity 0 8
- 6. Bentonite seal:
 - a. Bentonite granules 3 3
 - b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 3 2
 - c. _____ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
 - a. _____
 - b. Volume added _____ ft³
- 8. Filter pack material: Manufacturer, product name & mesh size
 - a. Red Flint 45/55
 - b. Volume added 300 lbs
- 9. Well casing:
 - Flush threaded PVC schedule 40 2 3
 - Flush threaded PVC schedule 80 2 4
 - Other
- 10. Screen material:
 - a. Screen Type: PVC
 - b. Manufacturer _____
 - c. Slot size: 0.010 in.
 - d. Slotted length: 4.7 ft.
- 11. Backfill material (below filter pack):
 - None 1 4
 - Other

- E. Bentonite seal, top _____ ft. MSL or 1.0 ft.
- F. Fine sand, top _____ ft. MSL or 41.2 ft.
- G. Filter pack, top _____ ft. MSL or 42.4 ft.
- H. Screen joint, top _____ ft. MSL or 48.0 ft.
- I. Well bottom _____ ft. MSL or 53.0 ft.
- J. Filter pack, bottom _____ ft. MSL or 53.0 ft.
- K. Borehole, bottom _____ ft. MSL or 53.0 ft.
- L. Borehole, diameter 8.5 in.
- M. O.D. well casing 2.37 in.
- N. I.D. well casing 2.01 in.

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

Signature Joyce Englebert Firm MSA Professional Services, Inc.
 1230 South Boulevard Baraboo, WI 53913
 Tel: 608-356-2771 Fax: 608-356-2770

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.

Facility/Project Name Winner's Circle Auto (Tim's Auto)	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name MW-12P
Facility License, Permit or Monitoring No.	Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or	Wis. Unique Well No. VZ476 DNR Well Number
Facility ID 339168015	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 08/10/2015
Type of Well Well Code 72/dp	Section Location of Waste/Source NE 1/4 of SW 1/4 of Sec. 17, T. 15 N, R. 8 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) Kevin
Distance from Waste/Source ft. <input type="checkbox"/> Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number SES

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>871.79</u> ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ 9.0 in. b. Length: _____ 1.0 ft. c. Material: _____ Steel <input type="checkbox"/> 04 Other <input checked="" type="checkbox"/>
C. Land surface elevation <u>872.3</u> ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or <u>1.0</u> ft.	3. Surface seal: _____ Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
<div style="border: 1px solid black; padding: 5px;"> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/></p> <p>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</p> <p>16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____</p> <p>17. Source of water (attach analysis, if required): _____</p> </div>	
E. Bentonite seal, top _____ ft. MSL or <u>1.0</u> ft.	4. Material between well casing and protective pipe: _____ Bentonite <input type="checkbox"/> 30 Other <input checked="" type="checkbox"/>
F. Fine sand, top _____ ft. MSL or <u>41.2</u> ft.	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>625 lbs</u> 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
G. Filter pack, top _____ ft. MSL or <u>41.0</u> ft.	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or <u>45.0</u> ft.	7. Fine sand material: Manufacturer, product name & mesh size _____ a. _____ b. Volume added _____ ft ³
I. Well bottom _____ ft. MSL or <u>50.0</u> ft.	8. Filter pack material: Manufacturer, product name & mesh size a. <u>Red Flint #15 (45/55)</u> b. Volume added <u>200 lbs</u>
J. Filter pack, bottom _____ ft. MSL or <u>50.0</u> ft.	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"/>
K. Borehole, bottom _____ ft. MSL or <u>50.0</u> ft.	10. Screen material: _____ PVC a. Screen Type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
L. Borehole, diameter <u>8.5</u> in.	b. Manufacturer _____ C.O.C. c. Slot size: <u>0.010</u> in. d. Slotted length: <u>4.7</u> ft.
M. O.D. well casing <u>2.37</u> in.	11. Backfill material (below filter pack): None <input type="checkbox"/> 14 Other <input checked="" type="checkbox"/>
N. I.D. well casing <u>2.01</u> in.	

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

Signature Jayne Englebert Firm **MSA Professional Services, Inc.** Tel: 608-356-2771
 1230 South Boulevard Baraboo, WI 53913 Fax: 608-356-2770

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

Facility/Project Name Winner's Circle Auto (Tim's Auto)	Local Grid Location of Well _____ ft. <input type="checkbox"/> N, _____ ft. <input type="checkbox"/> E, _____ ft. <input type="checkbox"/> S, _____ ft. <input type="checkbox"/> W.	Well Name MW-13P
Facility License, Permit or Monitoring No.	Local Grid Origin <input checked="" type="checkbox"/> (estimated: <input checked="" type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or	Wis. Unique Well No. VZ477 DNR Well Number _____
Facility ID 339168015	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 08/11/2015
Type of Well Well Code 72/dp	Section Location of Waste/Source NE 1/4 of SW 1/4 of Sec. 17, T. 15 N, R. 8 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) Kevin SES
Distance from Waste/Source ft. _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number _____

A. Protective pipe, top elevation _____ ft. MSL Yes No

B. Well casing, top elevation 861.76 ft. MSL

C. Land surface elevation 862.4 ft. MSL

D. Surface seal, bottom _____ ft. MSL or 10 ft.

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

13. Sieve analysis attached? Yes No

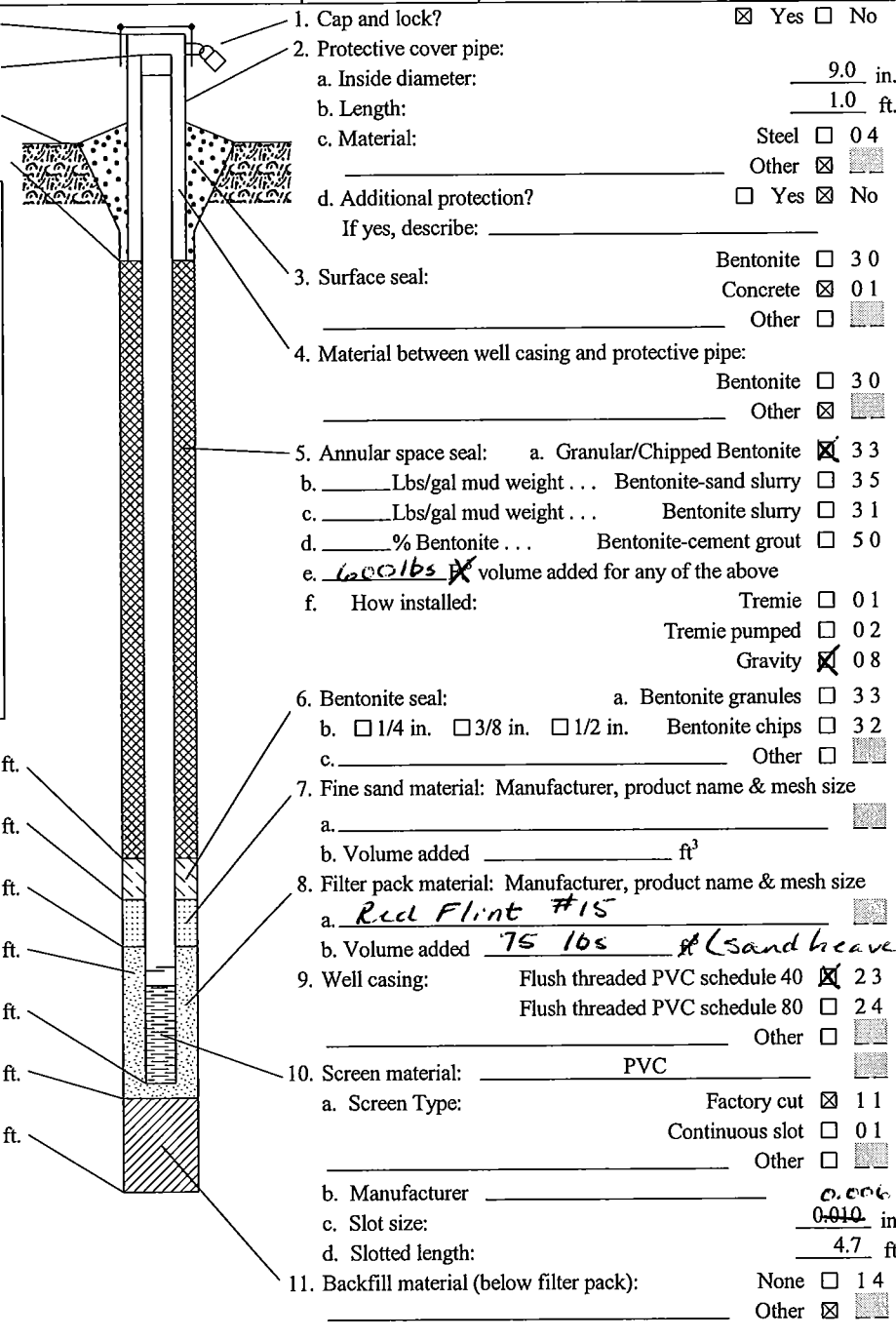
14. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

15. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

16. Drilling additives used? Yes No

Describe _____

17. Source of water (attach analysis, if required):



E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 41.2 ft.

G. Filter pack, top _____ ft. MSL or 37.2 ft.

H. Screen joint, top _____ ft. MSL or 40.0 ft.

I. Well bottom _____ ft. MSL or 45.0 ft.

J. Filter pack, bottom _____ ft. MSL or 45.0 ft.

K. Borehole, bottom _____ ft. MSL or 46.0 ft.

L. Borehole, diameter 8.5 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.01 in.

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

Signature Jayne Englebert Firm **MSA Professional Services, Inc.** Tel: 608-356-2771
1230 South Boulevard Baraboo, WI 53913 Fax: 608-356-2770

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Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Winner's Circle</u>	County Name <u>Marquette</u>	Well Name <u>mw-11P</u>
Facility License, Permit or Monitoring Number	County Code <u>39</u>	Wis. Unique Well Number <u>VZ475</u>
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____
3. Time spent developing well 90 min.
4. Depth of well (from top of well casing) 52.8 ft.
5. Inside diameter of well 2.01 in.
6. Volume of water in filter pack and well casing _____ gal.
7. Volume of water removed from well 70.0 gal.
8. Volume of water added (if any) 0.0 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>22.09</u> ft.	<u>34.54</u> ft. <u>Bottom</u>
	<u>51.80</u>	<u>52.81</u>
Date	b. <u>08/12/2015</u>	<u>08/12/2015</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>05:45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>07:20</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown Colored</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Tan Colored</u>
	<u>Silty/Sand</u>	<u>Silty/Sand</u>

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: DAVID Last Name: Fitzsimmons

Firm: MSA Professional Services

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Terry Last Name: Berndt

Facility/Firm: Winner's Circle Auto

Street: 115 W. Ormsby

City/State/Zip: Oxford, WI 53952

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

Signature: David Fitzsimmons

Print Name: DAVID FITZSIMMONS

Firm: MSA Professional Services

NOTE: See instructions for more information including a list of county codes and well type codes.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Winner's Circle</u>	County Name <u>Marquette</u>	Well Name <u>mw12P</u>
Facility License, Permit or Monitoring Number	County Code <u>39</u>	Wis. Unique Well Number <u>VZ 476</u>
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other _____

3. Time spent developing well 90 min.

4. Depth of well (from top of well casing) 50.1 ft.

5. Inside diameter of well 2.01 in.

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

7. Volume of water removed from well 70.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

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

17. Additional comments on development:

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <u>15.14</u> ft. <u>50.03</u>	<u>41.84</u> ft. <u>50.04</u> Bottom
Date	b. <u>08/12/2015</u> m m d d y y y y	<u>08/12/2015</u> m m d d y y y y
Time	c. <u>07:40</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>09:15</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.

12. Sediment in well _____ inches bottom

13. Water clarity

Clear <input type="checkbox"/> 10	Clear <input type="checkbox"/> 20
Turbid <input checked="" type="checkbox"/> 15	Turbid <input type="checkbox"/> 25
(Describe) <u>Brown Colored</u>	(Describe) <u>Teal Colored</u>
<u>Silty/Sand</u>	<u>Silty/Sand</u>

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

14. Total suspended _____ mg/l solids _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: DAVID Last Name: FITZSIMMONS
Firm: MSA Professional Services

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Terry Last Name: Bernett
Facility/Firm: Winner's Circle Auto
Street: 115 W. Drmsby
City/State/Zip: Oxford, WI 53952

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: David Fitzsimmons
Print Name: David Fitzsimmons
Firm: MSA Professional Services

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Winners Circle</u>	County Name <u>Marquette</u>	Well Name <u>mw-13P</u>
Facility License, Permit or Monitoring Number	County Code <u>39</u>	Wis. Unique Well Number <u>VZ 477</u>
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No
2. Well development method
- 41 surged with bailer and bailed
 - 61 surged with bailer and pumped
 - 42 surged with block and bailed
 - 62 surged with block and pumped
 - 70 surged with block, bailed and pumped
 - 20 compressed air
 - 10 bailed only
 - 51 pumped only
 - 50 pumped slowly
 - Other _____
3. Time spent developing well 60 min.
4. Depth of well (from top of well casing) 45.4 ft.
5. Inside diameter of well 2.01 in.
6. Volume of water in filter pack and well casing _____ gal.
7. Volume of water removed from well 15.0 gal.
8. Volume of water added (if any) 0.0 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>18.71</u> ft.	<u>44.71</u> ft.
	<u>45.33</u>	<u>45.37</u> Bottom
Date	b. <u>08/12/2015</u>	<u>08/12/2015</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>08:20</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>09:20</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown/Cloudy</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Brown/Cloudy</u> <u>silty/sand</u>

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

14. Total suspended solids _____ mg/l

15. COD _____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: DAVID Last Name: Fitzsimmons

Firm: MSA Professional Services

17. Additional comments on development:
Purged DRUG 4 times, then sampled.

Name and Address of Facility Contact/Owner/Responsible Party

First Name: Terry Last Name: Berndt

Facility/Firm: Winners Circle Auto

Street: 115 W. Ormsby

City/State/Zip: Oxford, WI 53952

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

Signature: [Signature]

Print Name: DAVID FITZSIMMONS

Firm: MSA Professional Services

NOTE: See instructions for more information including a list of county codes and well type codes.