



December 28, 2017

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

Re: Status Report – Completion of Approved Scopes of Work
Winners Circle Auto (Fmr. Tim's Auto), Oxford, Wisconsin

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

Dear Tom:

This status report includes the results of the scope of work submitted in a change order request to DNR on May 30, 2017 (revised June 7, 2017), and approved on June 9, 2017. The following scope of work described in MSA's June 7, 2017 Change Order Request has been completed during this period:

- Confirmation soil borings were advanced at the site on July 21, 2017. The purpose of these borings was to determine the residual soil concentrations in the unsaturated zone at the site and evaluate the effectiveness of the operation of the soil vapor extraction system at remediating the petroleum contaminated soil. Three borings to 20 feet were advanced by Geiss Soils and Sampling to a depth of 20 feet. The boring locations were chosen to evaluate the former pump island area in the front of the building, and for comparison to the site investigation soil borings with the highest historic concentrations. The results will be discussed below.
- You requested that MSA construct a cross section across the site and downgradient to the southwest to illustrate the relationship between the geologic units and the position of the screens in the monitoring wells and water supply wells in the area. Two cross sections are included, at two different scales. These figures are discussed below.
- In order to construct the cross sections, it was necessary to survey the surface elevation of Neenah Creek and also the elevation of the base of the creek at the Chauncey Street bridge southwest of the site. From the depth to groundwater and the calculated flow direction at the site, it appears Neenah Creek is the downgradient discharge point for the groundwater contaminant plume in the area. The elevation survey was completed on July 27, 2017.
- You requested that a round of groundwater samples be collected from 22 private water supply wells located downgradient of the source area. MSA checked current well ownership against past ownership for private water supply wells downgradient of the source area to determine if access agreements were already in place with the current owners, or if new access agreements would be required. Three new owners were identified, and access agreements were sent to them in July 2017. Notifications of sampling were sent to the remaining owners, to let them know of our intent to re-sample their wells, on July 18, 2017.

Offices in Illinois, Iowa, Minnesota, and Wisconsin

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Status Report – Winners Circle Auto, Oxford
December 28, 2017

- You requested that we attempt to sample the water supply well located at the Great Glacier/Neenah Springs facility on the west side of Neenah Creek, downgradient of the source area. We submitted an access request to the owner listed in the property tax records on June 23, 2017. The person who received the request phoned MSA and stated that they are in a land partnership with the owner of Neenah Springs, and that we would need to submit the access request to the owner of Great Glacier/Neenah Springs. A revised access request was submitted to the owner of the business identified by the caller on June 27, 2017. No response was received. The request was re-submitted on July 17, 2017. MSA phoned the business and requested confirmation that we had the correct mailing address, which was confirmed. No response was received to the second request, at which time we ceased attempting to obtain access for sampling at this property.
- Completion of a letter status report (LRA05 - this report).

During this period, we also completed a scope of work outlined in a September 30, 2016 change order and approved on October 14, 2016. This change order included two rounds of semi-annual groundwater samples from the monitoring wells at the site. The four temporary well points in the Neenah Creek valley were sampled in the first round only. The groundwater samples were collected on February 24, 2017 and July 27, 2017. The results of this sampling have been compiled with previous sample results on the attached tables. Groundwater trends have been analyzed and are discussed in more detail below. This scope of work also included an annual groundwater monitoring report (AGMR05), which has been combined with the letter status report noted above as this document.

RESULTS

Soil Sampling

Borings TB-1, TB-2, and TB-3 were advanced at the site on July 21, 2017 by Geiss Soil and Sampling, Inc. of Merrill, Wisconsin. All three borings were advanced to a depth of 20 feet below the ground surface with Geoprobe equipment. Continuous soil samples were collected at two foot intervals. The soil samples were screened in the field for organic vapors, and select samples were submitted to CT Laboratories, Baraboo, Wisconsin, for laboratory analysis for petroleum compounds.

The locations of the borings have been added to the "Soil Boring and Monitoring Well Location Map" showing the source area property, a copy of which is attached. Boring TB-1 was advanced at the edge of the north property line, adjacent to the right of way for West Ormsby Street/State Highway 82. The purpose of this boring was to determine if there were direct contact soil exceedances in this area below the former pump island. A secondary purpose was to determine if contamination at this location was present at depth, indicating that the soil contamination had migrated north of this location into the right-of-way of West Ormsby Street.

No organic vapors or odors were detected in the zero to four foot samples at TB-1, and the material was a light tan colored sand, either fill or native sand. Organic vapors measuring 3.8 ppm (calibrated to isobutylene) were detected in the 14 to 16 foot below ground surface (bgs) sample and 2.8 ppm in the

Status Report – Winners Circle Auto, Oxford
December 28, 2017

18 to 20 foot sample. These were the highest organic vapor readings observed in this boring. These two samples were submitted to the laboratory for analysis for petroleum volatile organic compounds (PVOCs). No PVOCs were detected in either sample.

Boring TB-2 was advanced adjacent to monitoring well MW-2, located in a former underground tank bed. During the site investigation in May 2005, high concentrations of PVOCs were detected in this area. The highest organic vapor concentrations measured at TB-2 were 1.3 ppm at 14 to 16 feet bgs, and 1.9 ppm at 18 to 20 bgs. Soil samples from 4 to 6 feet and 18 to 20 feet were submitted to the lab for PVOC analysis. Trace concentrations of trimethylbenzenes and xylenes were detected in the 4 to 6 foot bgs sample, but the concentrations were well below State direct contact or groundwater pathway standards.

Boring TB-3 was advanced in the vicinity of former boring B-3 advanced near the west property line during the site investigation in May 2005. High concentrations were detected in B-3 in 2005 in the two samples from 14 to 16 feet and 22 to 24 feet bgs. The highest organic vapors detected at TB-3 were 0.8 ppm in the 14 to 16 foot bgs zone. The water table was encountered at approximately 19-20 feet, and the 18 to 20 foot sample was wet. Two samples were submitted for lab analysis, from the 0 to 4 foot zone and the 18 to 20 foot zone. No PVOC contamination was detected in either sample.

Soil boring logs, borehole abandonment forms, and the laboratory report from CT Laboratories for these soil samples are attached. The laboratory results have been compiled with the site investigation soil laboratory results on the attached table “Laboratory Results – Soil”.

Based on the results of these borings, no unsaturated zone soil contamination exceeding State standards was detected, and that operation of the soil vapor extraction system appears to have successfully remediated the unsaturated soils. MSA concludes that no unsaturated zone soil contamination likely extends to the north into the right of way of Ormsby Street, or to the west onto the adjacent property, based on the results for the two borings advanced adjacent to the property lines in these areas. A Village of Oxford alley bisects the source area immediately to the west of the building, the approximate location of which is shown on the “Soil Boring and Monitoring Well Location Map”. From the results of this soil investigation, and due to the sandy nature of the soils in this area, it is likely that no unsaturated zone soil contamination remains in this Village right-of-way.

Geologic Cross Sections

MSA constructed two geologic cross sections from northeast to southwest through the source area property and downgradient along the groundwater flow direction to Neenah Creek in the vicinity of where it crosses under the Chauncey Street bridge. The purpose of these cross sections was to illustrate the relationship between the screened intervals in the water table monitoring wells, the deeper piezometer monitoring wells, the screened intervals in the water supply wells in this neighborhood, and the geologic materials these well screens are located within.

The generalized geology in this area of the Village of Oxford consists of an upper zone consisting of approximately 20 to 30 foot thickness of fine sand to silty sand. This material is interpreted as a glacial

Status Report – Winners Circle Auto, Oxford
December 28, 2017

outwash material. The water table is present within this material at depths of approximately 20 to 21.5 feet in the source area, decreasing by up to several feet downgradient to the west and closer to Neenah Creek. Below the sand unit is a clay layer. The transition between the two materials appears to be gradational from fine sand to silty sand to silt and clay, with thin occasional sand lenses occurring in the upper portion of the clay. The clay layer was not fully penetrated during the site investigation work at Winner's Circle Auto. However, MSA reviewed water well construction logs for wells in the area, and has summarized them on an attached table. In general, the clay appears to be 130 to 150 feet thick. At the Berndt well on the source property, the clay extends from 30 feet bgs to 180 feet bgs. At the Thomas Roos well, located downgradient of the source property at the northeast corner of the intersection of Oxford Street and Vallette Street, the clay layer extends from 28 feet bgs to 160 feet bgs.

Below the clay is another sand to gravelly sand layer, as described in local well logs. It appears that the water supply wells in the area are screened in this lower sand, based on a review of well construction logs for the area. As with the clay described above, MSA did not observe this layer in drilling at this site. However, I interviewed Thomas Roos and his son Todd Roos, who are second and third generation well drillers in the Oxford area, respectively (Roos Well Drilling). Both Tom and Todd indicated that although wells originally installed in the Village of Oxford were frequently driven point wells into the upper sand layer, due to poor water quality most of the point wells have been replaced with deeper wells screened within the deeper sand. Both Tom and Todd indicated the only shallow point wells still in use to their knowledge are located in the southeast portion of the Village, with none in the vicinity of this investigation.

In the source area, the groundwater contamination is present at the water table, and downgradient to MW-6. No groundwater contamination exceeding standards is present at water table wells MW-7 and MW-8. Piezometer MW-6P, located in the alley southwest of the source area, contains only low level methyl-tert-butylether (MTBE). Further downgradient the petroleum contamination appears to be located in the piezometer wells screened in the transition zone between the upper sand to silty sand and the clay below.

A consistent downward vertical gradient is seen in well nests at MW-7/7P and MW-8/8P. This may account for the downward movement of the petroleum contamination in the upper sand layer. Groundwater appears to discharge to Neenah Creek in the area of the bridge or just north of Chauncey Street based on the low level MTBE concentrations detected in the northern shallow well point located immediately to the east of Neenah Creek and north of the bridge on Chauncey Street.

The land surface slopes gently to the west towards Neenah Creek. The creek is located within a deeply incised valley within the upper fine sand unit, with steep valley walls. The difference between the elevation of the creek surface and the creek bed immediately north of the bridge on July 27, 2017 was 1.71 feet. From previous observations over the years this appears to be a common creek surface elevation, although it appears the creek level can rise significantly during high water elevations in the Neenah reservoir located north of Ormsby Street, and separated from the creek by a dam located in the vicinity of Ormsby Street west of the source property. The water level in the reservoir is controlled by releases from the dam.

Status Report – Winners Circle Auto, Oxford
December 28, 2017

The relationships described above are shown in the two attached cross sections. The two cross sections were constructed along the same line, with the same horizontal scale. They are at two different vertical scales, one to show more detail in the upper sand – silty sand unit, and one to illustrate the full geologic column in the area including the location of the deeper water supply well screens in the lower sand layer.

It is MSA's opinion that the thick clay acts as an aquitard in this area, and prohibits further downward migration of the contamination. This in combination with the apparent discharge of groundwater to Neenah Creek discussed above, indicates that the remaining petroleum groundwater contamination in the upper sand layer does not pose a threat to the water supply wells in the area.

Groundwater Sampling

Water Supply Wells

MSA collected water samples from 18 private water wells located west and south of the source property on July 28, 2017. There were three wells that we could not get access to due to no one being at home and no outdoor sample spigot. We did not re-sample the Roos two inch well as it is only used for laundry and yard watering.

No petroleum contamination was detected in any of the 18 private well samples, which is consistent with previous sampling.

Groundwater Monitoring Wells

Samples were collected from the groundwater monitoring wells on February 24 and July 27, 2017. The results have been compiled with previous sampling results on the attached table "Laboratory Results – Groundwater", which also includes the water supply well sampling results. In general, there are two sets of wells at this site, the water table monitoring wells screened around the water table at 20 feet, and the deeper piezometer wells which are screened in the transition zone from the upper sand/silt layer into the clay below (generally they appear to be in the upper part of the clay layer). Well locations are shown on the attached Monitoring Well Locations map.

Water table well MW-1 is upgradient of the source area, was only sampled during this period in July 2017, and has consistently been below detect for all PVOC compounds.

Well MW-2 is located north of the building directly in the source area. Concentrations in this well display a decreasing trend for all PVOC compounds. Only total trimethylbenzenes and naphthalene concentrations exceed their respective Wisconsin Administrative Code NR 140 enforcement standard (ES) in recent sampling.

Well MW-3 is located west of the building in another tank bed area. This well historically contained free product, which was last detected in November 2011. All PVOC concentrations in this well display a decreasing trend. The toluene, ethylbenzene, total trimethylbenzenes, and naphthalene concentrations continue to exceed their respective ES in recent sampling.

Status Report – Winners Circle Auto, Oxford
December 28, 2017

Well MW-4 is located south of the source area and slightly sidegradient. High concentrations were initially detected in this well, but concentration have decrease to below the ES for all PVOCS in the last two rounds.

Well MW-5 is located south of MW-4 and originally defined the sidegradient extent. However no ES exceedances have been detected in this well since February 2008.

Well MW-6 is a downgradient water table monitoring well, located in the alley southwest of the source area. Concentrations in this well exhibit a decreasing trend. Benzene has decreased from a high of 4,800 ug/L in November 2005 to 34 ug/L in the last sample round in July 2017. Benzene is the only compound that continues to exceed the ES. Concentrations in this well vary in relationship to the elevation of the water table surface, and contamination migration may be controlled by former channels in the outwash sand deposits. A graph illustrating the elevation of the water table vs. benzene concentration in this well is attached.

Well MW-6P is a piezometer well nested with MW-6. No ES exceedances have been detected in this well. A downward vertical gradient is consistently measured at this well nest. MTBE is the only PVOCS compound consistently detected, and it is exhibiting a slight increasing trend to a high of 39 ug/L in the last sample round.

MW-7 is a downgradient water table well. Concentrations in this well have been consistently below detection limits in recent sampling. Only trace concentrations of PVOCS have been historically detected, all below NR 140 groundwater standards.

MW-7A (or MW-7P) is a piezometer well nested with well MW-7. Concentrations in initial sampling in this well in 2007-2009 were less than groundwater standards, however the MTBE concentration showed an increasing trend during that period and increased to a high of 170 ug/L in March 2014. The MTBE concentration has been slowly decreasing since 2014 and was 110-120 ug/L during this period.

Well MW-8 is a water table well located downgradient to sidegradient of the groundwater flow path from the source area. Concentrations in initial sampling were high, but the well quickly decreased to less than detection for most PVOCS compounds since 2009.

Well MW-8P is a piezometer well nested with MW-8. MTBE has been detected in this well in recent sampling in the range of 810 to 950 ug/L, and appears to have stabilized.

Well MW-9P is a piezometer well located further to the east of MW-8P, and is sidegradient to the contaminant plume. No ES exceedances have been detected in this well. The MTBE concentration is exhibiting a slightly increasing trend, which may be stabilizing as it was 11 ug/L in both samples analyzed during this period.

Well MW-10P is a downgradient piezometer well. Benzene and MTBE concentrations consistently exceed the ES in samples from this well. Benzene concentrations appear to have stabilized and decreased during this period, with a concentration of 5.2 ug/L in the July 2017 sample just exceeding

Status Report – Winners Circle Auto, Oxford
December 28, 2017

the ES of 5.0 ug/L. However, the MTBE concentration has been increasing and was 340 ug/L in the July 2017 sample, the highest MTBE concentration detected in this well.

Well MW-11P is a sidegradient piezometer well located west of the source area, defining the western extent of the groundwater contamination. No ES exceedances have been detected in this well. MTBE is consistently detected at concentrations less than NR 140 groundwater standards, and appear to be stable.

MW-12P is a piezometer well located sidegradient to the south of the source area in Chauncey Street. When MSA attempted to sample it in February 2017, the well appeared damaged or blocked and a sample could not be collected. When we investigated it further in July 2017, it was found that Alliant Energy or one of its subcontractors had horizontally drilled through the well while installing new underground electric cable in the area. The well was located directly below the new electric cable, and was filled with what appeared to be a bentonite/sand mixture from the drilling. No ES exceedances had been detected in previous sampling of this well, and only low level PVOC contamination was detected, all below NR 140 groundwater standards.

MW-13P is a further downgradient piezometer well, located at the top of the slope in the right-of-way of Chauncey Street before it descends into the Neenah Creek valley. Although the initial MTBE concentration was high in this well (140 ug/L), in subsequent sampling the concentration has been stable in the 3.1 to 5.7 ug/L range, below NR 140 groundwater standards.

The four well points in the east bank of Neenah Creek were also sampled in the February 2017 sample round. There are two wells points to the north of the bridge on Chauncey Street, and two to the south. In each location, the shallow well point spans the water table surface and a deeper point was advanced next to the shallow point. The only well point that contained PVOC contamination during this period was the shallow point north of Chauncey Street, which contained 5.4 ug/L MTBE. This is consistent with previous sampling, and indicates that it is likely that the groundwater contaminant plume is discharging into Neenah Creek.

In conclusion, the contamination appears to be stable to decreasing in most of the wells across the area. Orders of magnitude reductions have been seen in the wells in the source area and immediately downgradient. MTBE concentrations appear to have stabilized in most of the piezometer wells, with perhaps MW-10P being the exception, although the last four samples have ranged between 280 and 340 ug/L, indicating the concentration may be stabilizing.

Graphs of the groundwater trends in some of the wells are attached, and illustrate the decreasing trends seen across the site. The laboratory reports for the two sample rounds collected in 2017 are also attached.

Conclusions and Recommendations

This report completes the scopes of work approved in 2016 and 2017.

Status Report – Winners Circle Auto, Oxford
December 28, 2017

Tom, I have also included a hand-drawn sketch of what I think the contaminant plume may look like at this site in cross section. Water table wells are not present at MW-10P or MW-13P, but it is likely to be an upward gradient due to the proximity to Neenah Creek. If so, the reason we may not be seeing the contamination at MW-13P is that the screen is actually below the plume in this area. The initial high concentration detected for MTBE at MW-13P may be due to drilling through contamination at a higher level and dragging it down during drilling.

MSA has completed a preliminary case closure evaluation and concludes the following:

1. The extent of the soil contamination was defined during the site investigation. Recent soil confirmation sampling indicates that no unsaturated soil contamination was present in the three borings advanced in former highly contaminated areas, indicating that no unsaturated soil exceedances remain at the site likely due to operation of the soil vapor extraction remediation system.
2. No direct contact soil exceedances were detected in soil in the site investigation sampling or in recent confirmation borings.
3. The extent of the groundwater contamination has been defined by sidegradient piezometers, a downgradient piezometer (MW-13P) that is below NR 140 standards, and sampling of well points at the assumed discharge location (Neenah Creek) that are also below NR 140 standards.
4. No free product has been detected in monitoring wells at this site since 2011.
5. The creek bank sampling appears to indicate that State standards for groundwater are not being exceeded at the point of discharge to Neenah Creek.
6. No groundwater contamination has been detected in downgradient water supply wells in the area. An evaluation of the subsurface geology indicates a substantial clay layer is present between the upper sand unit which contains the petroleum contamination, and a lower sand or sandy gravel layer in which the private water supply wells are screened. MSA believes this clay layer is sufficient to be protective of the lower sand aquifer in the area. In addition, the contamination appears to be discharging to Neenah Creek, based on the creek elevation, groundwater flow direction, and the detection of low level PVOC contamination in a shallow well point adjacent to the creek.
7. MSA has evaluated the vapor intrusion risk at the site. None of the PVOC risk screening criteria outlined in the August 2017 DNR Draft Vapor Intrusion Guidance document are present at this site. No free product is present. No groundwater exceeding NR 140 standards is in contact with a building foundation. No groundwater with benzene concentrations exceeding 1 mg/L is present within five feet under a building or basement (the depth to groundwater is generally 20 feet). No significant soil contamination appears to be present and the SVE system removed soil vapors in the source area and under the adjacent building. No underground utilities cross the source areas, and even if they did, the sandy nature of the soils at this site in combination with operation of the SVE system would have removed any threat of vapor intrusion along utility corridors.
8. Groundwater contaminant trends appear to be stable to decreasing across the site, with the possible exception of MW-10P. However, statistically, the concentrations recently detected in this well are within the range of normal variability due to seasonal influences and precipitation.

Status Report – Winners Circle Auto, Oxford
December 28, 2017

Based on this evaluation, MSA believes it may be appropriate to submit a case closure request for DNR review.

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 - Soil
Winner's Circle Automotive, Oxford, Wisconsin**

Location	Depth Interval	Date	PID	GRO	Lead	Benzene	Ethy- benzene	Methyl-tert- butyl ether	1,2,4-Tri- methylbenzene	M&P Xylene	O Xylene
Residential Direct Contact RCLs (March 2017 Spreadsheet)			400	1.49	7.47	59.4	818	89.8	182	260*	260*
Groundwater RCL's (March 2017 Spreadsheet)			27	0.0051	1.57	0.027	1.1072	1.3821*	1.3821*	3.96*	3.96*
Borings advanced by Advent in March 1997											
C-1	19 to 21 ft	11-Mar-97	500	2400	12	55	ND	130	160	60	210
C-2	21 to 23 ft	11-Mar-97	120	14	1.2	0.65	0.91	4.4	0.54	0.24	97
C-3	19 to 21 ft	11-Mar-97	120	0.99	0.05	0.059	0.12	0.12	0.11	0.097	2
C-4	19 to 21 ft	11-Mar-97	500	8.4	1.0	0.18	0.5	0.72	0.21	0.13	0.08
C-6	19 to 21 ft	11-Mar-97	4	ND	ND	ND	0.1	ND	ND	0.52	0.22
Borings advanced by MSA											
MW-1	2 to 4 ft	11-May-05	0	<1.3	6.5	0.11	0.05	<0.025	0.70	<0.025	0.15
MW-1	22 to 24 ft	11-May-05	0	<1.4	0.82	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
MW-2	2 to 4 ft	11-May-05	0	3.9	198	0.11	0.079	<0.025	0.71	0.095	0.37
MW-2	12 to 14 ft	11-May-05	1225	3400	11.9	<1.4	17	<3.2	40	410	0.12
MW-2	16 to 18 ft	11-May-05	1441	1500	4.8	<1.4	32	<3.2	72	150	350
MW-2	20 to 22 ft	11-May-05	1551	10000	1.4	11	270	<8.0	780	740	180
B-1	0 to 2 ft	11-May-05	3.2	<1.3	47	0.11	0.047	<0.025	0.67	<0.025	89
B-1	10 to 12 ft	11-May-05	113	98	0.70	<0.035	<0.030	<0.080	<0.035	0.13	480
B-1	18 to 20 ft	11-May-05	1611	3300	1.6	<3.5	90	<8.0	190	300	1200
B-2	0 to 2 ft	11-May-05	7.3	2.4	2.2	0.21	0.12	<0.025	1.3	<0.025	210
B-2	16 to 18 ft	11-May-05	168	67	1.2	<0.035	0.074	<0.080	<0.035	3.3	400
B-2	20 to 22 ft	11-May-05	1547	6800	1.6	5.6	190	<8.0	440	510	130
MW-3	0 to 2 ft	11-May-05	51	3.9	1.7	<0.035	0.049	<0.025	0.11	0.21	460
MW-3	14 to 16 ft	11-May-05	1.2	<1.2	1.7	<0.025	<0.025	<0.025	1.3	<0.025	190
MW-3	20 to 22 ft	11-May-05	1516	9500	29	250	<3.2	690	620	200	0.078
B-3	0 to 2 ft	11-May-05	4	2.4	<0.025	<0.025	<0.025	<0.025	0.044	0.044	0.70
B-3	14 to 16 ft	11-May-05	841	1700	<0.14	1.9	<0.32	<0.14	86	50	310
B-3	22 to 24 ft	11-May-05	1754	2900	<1.4	53	<3.2	130	290	94	0.067
MW-4	0 to 2 ft	12-May-05	0.8	<1.3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	460
MW-4	22 to 24 ft	12-May-05	167	3.2	<0.025	0.10	0.039	0.39	0.39	0.12	180
B-4	0 to 2 ft	12-May-05	1	<1.3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	410
B-4	22 to 24 ft	12-May-05	1254	460	1.6	14	<1.6	43	36	55	0.35
MW-7	16 to 18 ft	14-Aug-06	0	<1.9	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	22
MW-8	21 to 23 ft	14-Aug-06	19	<2.3	0.49	0.26	0.47	<0.025	0.24	0.20	0.19
TB-1	14 to 16 ft	21-Jul-17	3.8	<0.012	<0.015	<0.020	<0.017	<0.016	<0.016	<0.016	0.017
TB-1	18 to 20 ft	21-Jul-17	2.8	<0.012	<0.015	<0.020	<0.017	<0.016	<0.016	<0.016	0.017
TB-2	4 to 6 ft	21-Jul-17	0.5	<0.012	<0.015	<0.020	<0.017	<0.017	0.0809	0.0342	0.0259
TB-2	18 to 20 ft	21-Jul-17	1.9	<0.012	<0.015	<0.020	<0.017	<0.016	<0.016	<0.016	0.017
TB-3	0 to 4 ft	21-Jul-17	0.3	<0.012	<0.015	<0.020	<0.017	<0.016	<0.016	<0.016	0.017
TB-3	18 to 20 ft	21-Jul-17	0.7	<0.012	<0.015	<0.020	<0.017	<0.016	<0.016	<0.016	0.017

All concentrations are in mg/kg.

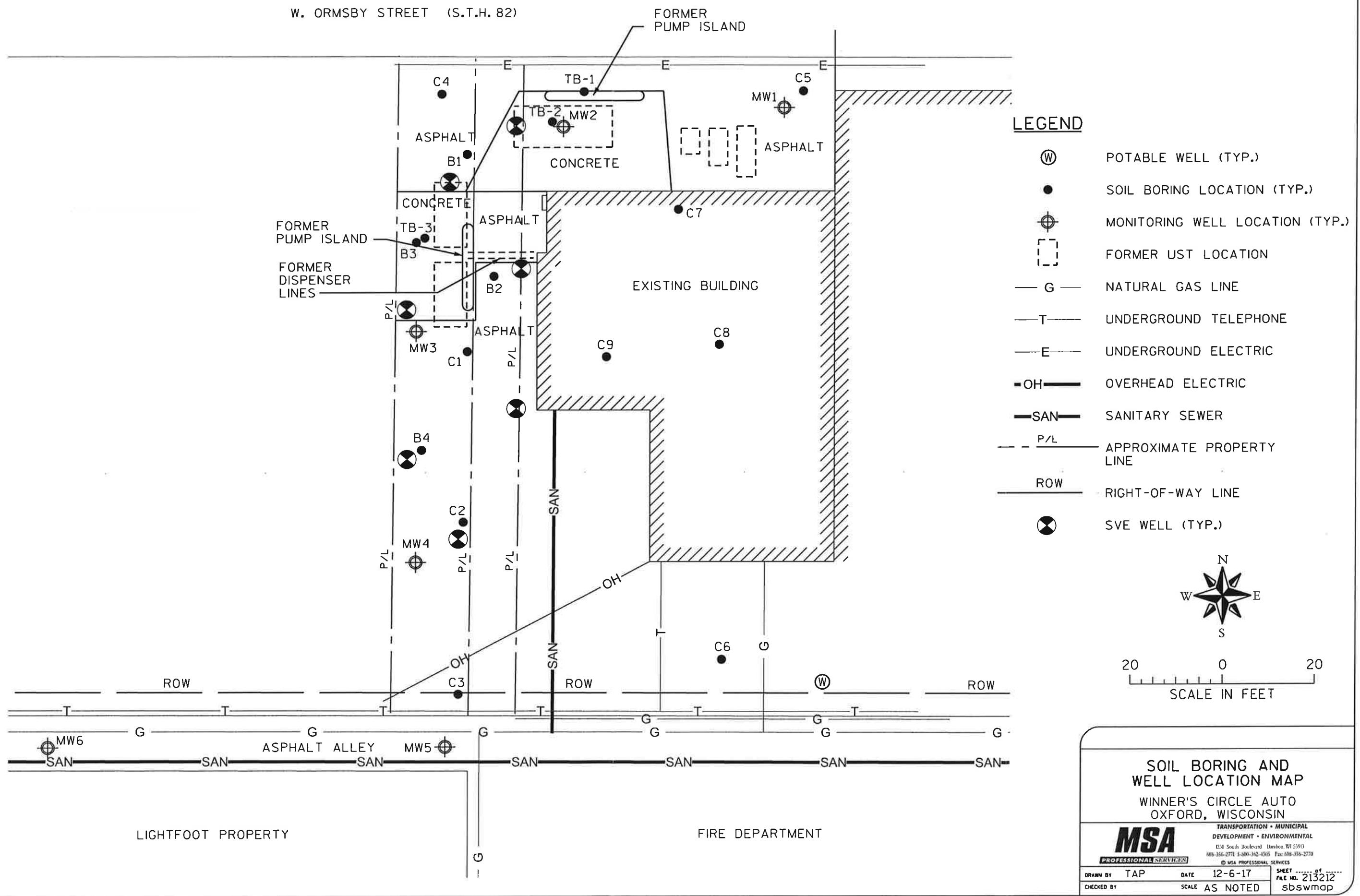
Depths are in feet below ground surface.

PID readings are in ppm as isobutylene.

Blank cells indicate parameter was not analyzed.

ND = not detected

* Concentration listed is for total of all forms
Values in red italics exceed a groundwater pathway RCL.



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

Page 1 of 1

Facility/Project Name <i>Winner's Circle Auto</i>			License/Permit/Monitoring Number		Boring Number <i>TB-1</i>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Darrin</i> Last Name: <i>Prentiss</i> Firm: <i>Geiss</i>			Date Drilling Started <i>07/21/2017</i> m m d d y y y y	Date Drilling Completed <i>07/21/2017</i> m m d d y y y y	Drilling Method <i>Geoprobe</i>
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level <i>Dry</i> Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <i>1.5</i> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat <i>0° 0' "</i>	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____			Long <i>0° 0' "</i>	Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____	
Facility ID	County <i>Muskego</i>	County Code	Civil Town/City or Village <i>Oxford</i>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit		USCS	Graphic Log	Well Diagram	Soil Properties				P 200	RQD/ Comments
				PID/FID	Compressive Strength				Moisture Content	Liquid Limit	Plasticity Index			
1	20		2	<i>SP</i>	0.0	<i>D</i>								
2	20		4	<i>SP</i>	0.0	<i>D</i>								
3	20		6	<i>SP</i>	0.0	<i>D</i>								
4	20		8	<i>SP</i>	0.1	<i>D</i>								
5	21		10	<i>SP</i>	0.4	<i>D</i>								
6	21		12	<i>SP</i>	0.8	<i>D</i>								
7	22		14	<i>SP</i>	1.3	<i>D</i>								
8	22		16	<i>SP</i>	3.8	<i>D</i>								
9	24		18	<i>SP</i>	0.6	<i>D</i>								
10	24		20	<i>SP</i>	2.8	<i>M</i>								

*Asphalt surface --
Tan, medium-grained
SAND*

*Same - SAND to
bottom*

*EoB at 20.0 ft
Backfilled w. chips*

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

Signature *Jayne Egglest* Firm *MSA*

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/Development Other

Page 1 of 1

Facility/Project Name <i>Winner's Circle Auto</i>			License/Permit/Monitoring Number		Boring Number <i>TB-2</i>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Darrin</i> Last Name: <i>Prentice</i> Firm: <i>Geiss</i>			Date Drilling Started <i>07/21/2017</i> <i>m m / d d / y y y y</i>	Date Drilling Completed <i>07/21/2017</i> <i>m m / d d / y y y y</i>	Drilling Method <i>Geoprobe</i>
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level <i>Dry</i>	Surface Elevation Feet MSL	Borehole Diameter <i>1.5</i> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat <i>0° 0' "</i>	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____			Long <i>0° 0' "</i>	Feet <input type="checkbox"/> S <input type="checkbox"/> W	Feet <input type="checkbox"/> W
Facility ID	County <i>Marguerite</i>	County Code	Civil Town/City/ or Village <i>Oxford</i>		

Number and Type	Length Att. & Recovered (m)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit		U S C S	Graphic Log	Well Diagram	Soil Properties				RQD/Comments
									PID/FID	Compressive Strength	Moisture Content	Liquid Limit	
1	22	—	2	<i>Gravel Surface 0.5 Tan, medium grained SAND</i>		SP	—	—	0.2	D	—	—	—
2	22	—	4			SP	—	—	0.2	D	—	—	—
3	20	—	6			SP	—	—	0.5	D	—	—	—
4	20	—	8			SP	—	—	0.1	D	—	—	—
5	20	—	10			SP	—	—	0.1	D	—	—	—
6	20	—	12			SP	—	—	0.5	D	—	—	—
7	16	—	14			SP	—	—	0.4	D	—	—	—
8	16	—	16			SP	—	—	1.3	D	—	—	—
9	14	—	18	<i>Same to bottom</i>		SP	—	—	0.8	D	—	—	—
10	14	—	20	<i>EoB at 20.0 feet Back filled w. chips</i>		SP	—	—	1.9	M	—	—	—

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

Signature *Jayne Eighbet* Firm *MSA*

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/Development Other

Page 1 of 1

Facility/Project Name <i>Winner's Circle Auto</i>			License/Permit/Monitoring Number		Boring Number <i>TB-3</i>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Darrin</i> Last Name: <i>Pennetice</i> Firm: <i>Geiss</i>			Date Drilling Started <i>07/21/2017</i> m m d d y y y y	Date Drilling Completed <i>07/21/2017</i> m m d d y y y y	Drilling Method <i>Geoprobe</i>
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level <i>Dry</i>	Surface Elevation Feet MSL	Borehole Diameter 1.5 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E			Lat <i>0° 0' 0"</i>	Local Grid Location N <input type="checkbox"/> E <input type="checkbox"/>	Long <i>0° 0' 0"</i> Feet <input type="checkbox"/> S <input type="checkbox"/> W
1/4 of _____ 1/4 of Section _____ T _____ N, R _____					
Facility ID	County <i>Marguerite</i>	County Code	Civil Town/City or Village <i>Oxford</i>		

Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit								RQD/Comments
				U SCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	
1	8		2	<i>Gravel & grass surface</i>			<i>0.3</i>	<i>D</i>				
2	B		4	<i>0.5 Tan, medium grained SAND</i>			<i>0.3</i>	<i>D</i>				
3	10		6				<i>0.4</i>	<i>D</i>				
4	10		8				<i>0.6</i>	<i>D</i>				
5	10		10				<i>0.5</i>	<i>D</i>				
6	10		12				<i>0.2</i>	<i>D</i>				
7	16		14				<i>0.7</i>	<i>D</i>				
8	16		16				<i>0.8</i>	<i>M</i>				
9	20		18				<i>0.6</i>	<i>M</i>				
10	20		20	<i>EOB at 20.0 ft Back filled w. chips</i>			<i>0.7</i>	<i>W</i>				

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

Signature *Jayne Egglest* Firm *MSA*

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.

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

TB-1

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater
 Waste Management Other: _____

Remediation/Redevelopment

1. Well Location Information

County Marquette	WI Unique Well # of Removed Well	Hicap #
----------------------------	----------------------------------	---------

Latitude / Longitude (see instructions)		Format Code N	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
		W	<input type="checkbox"/> DDM

1/4 or Gov't Lot #	1/4	Section	Township	Range N	E <input type="checkbox"/>
					W <input type="checkbox"/>

Well Street Address 115 W. Ormsby Street	
--	--

Well City, Village or Town Oxford	Well ZIP Code
---	---------------

Subdivision Name	Lot #
------------------	-------

Reason for Removal from Service Completed Sampling	WI Unique Well # of Replacement Well
--	--------------------------------------

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 7-21-2017
--	---

<input type="checkbox"/> Water Well	If a Well Construction Report is available, please attach.
-------------------------------------	--

<input checked="" type="checkbox"/> Borehole / Drillhole	Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug
--	---

<input checked="" type="checkbox"/> Other (specify): geoprobe	
---	--

Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
---	----------------------------------

Total Well Depth From Ground Surface (ft.) 20	Casing Diameter (in.) 1.5
---	-------------------------------------

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
--------------------------------	--------------------

Was well annular space grouted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
---------------------------------	--

If yes, to what depth (feet)?	Depth to Water (feet) Dry
-------------------------------	-------------------------------------

5. Material Used to Fill Well / Drillhole Bentonite Chips Asphalt patch	
---	--

6. Comments	
-------------	--

7. Supervision of Work Name of Person or Firm Doing Filling & Sealing Cleiss Soil & Samples	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 07/21/2017	DNR Use Only
--	-----------	---	--------------

Street or Route W 4490 Pope Rd	Telephone Number (715) 539-3928	Comments
--	---	----------

City Merrill	State WI	ZIP Code 54452	Signature of Person Doing Work
------------------------	--------------------	--------------------------	--------------------------------

			Date Signed
--	--	--	-------------

2. Facility / Owner Information

Facility Name winner's Circle Auto
--

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner Terry Berndt

Mailing Address of Present Owner P.O. Box 6

City of Present Owner Oxford	State WI	ZIP Code
--	--------------------	----------

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

Pump and piping removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
--------------------------	--

Liner(s) removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
-------------------	--

Liner(s) perforated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
----------------------	--

Screen removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
-----------------	--

Casing left in place?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
-----------------------	--

Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
-----------------------------------	--

Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
---------------------------------------	--

Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
-------------------------------------	--

If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
----------------------------	---

If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
---	--

Required Method of Placing Sealing Material

<input checked="" type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
--	--

<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
--	---

Sealing Materials

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
--	-----------------------------------

<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
---	---

For Monitoring Wells and Monitoring Well Boreholes Only:

<input type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
--	---

<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry
---	--

From (ft.) Surface	To (ft.) 20	No. Yards, Sacks Sealant or Volume (circle one) 12 pounds	Mix Ratio or Mud Weight
------------------------------	-----------------------	---	-------------------------

0	0.5		
----------	------------	--	--

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Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

TB-2

Verification Only of Fill and Seal

Route to DNR Bureau:

Drinking Water

Watershed/Wastewater

Remediation/Redevelopment

Waste Management

Other: _____

1. Well Location Information

County **Marquette** WI Unique Well # of Removed Well _____

Hicap # _____

Latitude / Longitude (see instructions) _____

N

Format Code DD

Method Code GPS008

DDM

SCR002

DDM

OTH001

1/4 N
or Gov't Lot # _____

1/4

W

Section _____

Township _____

Range E

W

Well Street Address

115 W. Ormsby Street

Well City, Village or Town

Oxford

Well ZIP Code _____

Subdivision Name _____

Lot # _____

Reason for Removal from Service

Completed Sampling

WI Unique Well # of Replacement Well _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well

Original Construction Date (mm/dd/yyyy)

07-21-2017

Water Well

If a Well Construction Report is available, please attach.

Borehole / Drillhole

Construction Type:

Drilled

Driven (Sandpoint)

Dug

Other (specify):

geoprobe

Formation Type:

Unconsolidated Formation

Bedrock

Total Well Depth From Ground Surface (ft.)

20

Casing Diameter (in.)

1.5

Lower Drillhole Diameter (in.)

Casing Depth (ft.)

Dry

Was well annular space grouted?

Yes

No

Unknown

If yes, to what depth (feet)?

Depth to Water (feet)

Dry

5. Material Used to Fill Well / Drillhole

Bentonite Chips

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

Pump and piping removed?

Yes No N/A

Liner(s) removed?

Yes No N/A

Liner(s) perforated?

Yes No N/A

Screen removed?

Yes No N/A

Casing left in place?

Yes No N/A

Was casing cut off below surface?

Yes No N/A

Did sealing material rise to surface?

Yes No N/A

Did material settle after 24 hours?

Yes No N/A

If yes, was hole retopped?

Yes No N/A

If bentonite chips were used, were they hydrated with water from a known safe source?

Yes No N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity

Conductor Pipe-Pumped

Screened & Poured

Other (Explain): _____

Sealing Materials

Neat Cement Grout

Concrete

Sand-Cement (Concrete) Grout

Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips

Bentonite - Cement Grout

Granular Bentonite

Bentonite - Sand Slurry

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	20	~12 pounds	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing

Gleiss Soil + Samples

License # _____

Date of Filling & Sealing or Verification (mm/dd/yyyy)

07-21-2017

DNR Use Only

Date Received

Noted By

Street or Route

W 4490 Paper Road

Telephone Number

(715) 539-3928

Comments

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Merrill	WI	54452		

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

TB-3

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water
 Waste Management

- Watershed/Wastewater
 Other:

- Remediation/Redevelopment

1. Well Location Information

County <i>marquette</i>	WI Unique Well # of Removed Well	Hicap #
----------------------------	----------------------------------	---------

Latitude / Longitude (see instructions)		Format Code N W	Method Code <input type="checkbox"/> DD <input type="checkbox"/> SCR002 <input type="checkbox"/> DDM <input type="checkbox"/> OTH001
1/4 N or Gov't Lot #	1/4 W	Section	Township N
Range or Gov't Lot #	1/4 W	Section	Range N

Well Street Address
115 N. Ormsby Street

Well City, Village or Town
Oxford

Subdivision Name

Lot #

Reason for Removal from Service
Completed Sampling

WI Unique Well # of Replacement Well

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) <i>7-21-2017</i>
If a Well Construction Report is available, please attach.	

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): *geoprobe*

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.)
20

2. Facility / Owner Information

Facility Name <i>Winner's Circle Auto</i>
--

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner

Mailing Address of Present Owner
Terry Berndt

P.O. Box 6

City of Present Owner <i>Oxford</i>	State <i>WI</i>	ZIP Code
--	--------------------	----------

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

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

Required Method of Placing Sealing Material

- | | |
|--|---|
| <input checked="" type="checkbox"/> Conductor Pipe Gravity | <input type="checkbox"/> Conductor Pipe-Pumped |
| <input type="checkbox"/> Screened & Poured (Bentonite Chips) | <input type="checkbox"/> Other (Explain): _____ |

Sealing Materials

- | | |
|---|---|
| <input type="checkbox"/> Neat Cement Grout | <input type="checkbox"/> Concrete |
| <input type="checkbox"/> Sand-Cement (Concrete) Grout | <input checked="" type="checkbox"/> Bentonite Chips |

For Monitoring Wells and Monitoring Well Boreholes Only:

- | | |
|---|---|
| <input type="checkbox"/> Bentonite Chips | <input type="checkbox"/> Bentonite - Cement Grout |
| <input type="checkbox"/> Granular Bentonite | <input type="checkbox"/> Bentonite - Sand Slurry |

5. Material Used to Fill Well / Drillhole

Bentonite chips

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	<i>20</i>	<i>~12 pounds</i>	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing

Geiss Soil + Samples

Street or Route

W 4490 Pope Road

City

Merrill

State

WI

ZIP Code

54452

DNR Use Only

Date Received _____ Noted By _____

Telephone Number

(715) 539-3928

Comments	Date Signed

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

mw-12P

Verification Only of Fill and Seal

Route to DNR Bureau:

- | | | |
|---|---|---|
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment |
| <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: | |

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
marquette	VZ 476	

Latitude / Longitude (see instructions)		Format Code	Method Code
		<input type="checkbox"/> DD	<input type="checkbox"/> GPS008
		<input type="checkbox"/> DDM	<input type="checkbox"/> SCR002
			<input type="checkbox"/> OTH001

1/4 NE	1/4 SW	Section	Township	Range	<input checked="" type="checkbox"/> E
N				<input type="checkbox"/> W	
W		17	15 N	B	

or Gov't Lot #	17	15 N	B	<input type="checkbox"/> W
----------------	----	------	---	----------------------------

Well Street Address	Row adj. to 131 Chauncy Street
Well City, Village or Town	Oxford
	Well ZIP Code 53952

Subdivision Name	Lot #
------------------	-------

Reason for Removal from Service	WI Unique Well # of Replacement Well
Damaged	

3. Filled & Sealed Well / Drillhole / Borehole Information

<input checked="" type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy)
<input type="checkbox"/> Water Well	8-11-2015
<input type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

Construction Type:	<input checked="" type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug
	<input type="checkbox"/> Other (specify): _____		

Formation Type:	<input type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock
-----------------	---	----------------------------------

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
50.06	2 inch

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
--------------------------------	--------------------

Was well annular space grouted?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
---------------------------------	---	-----------------------------	----------------------------------

If yes, to what depth (feet)?	Depth to Water (feet)
-------------------------------	-----------------------

5. Material Used to Fill Well / Drillhole

Topsoil
Bentonite Chips
Bentonite-Sand Slurry

6. Comments

Damage by Alliant white installing new electric cable - filled w. bentonite + sand.
Added bentonite at surface to 3 feet

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Alliant Ciciss		07/21/2017

Street or Route	Telephone Number ()	Comments
-----------------	----------------------	----------

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
------	-------	----------	--------------------------------	-------------

2. Facility / Owner Information

Facility Name	Winners Circle Auto / Tim's Auto		
---------------	----------------------------------	--	--

Facility ID (FID or PWS)			
--------------------------	--	--	--

License/Permit/Monitoring #			
-----------------------------	--	--	--

Original Well Owner	Terry Berndt		
---------------------	--------------	--	--

Present Well Owner			
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Mailing Address of Present Owner	P.O. Box 6		
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City of Present Owner	State	ZIP Code	
Oxford	WI	53952	

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

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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Did sealing material rise to surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
---------------------------------------	------------------------------	-----------------------------	------------------------------

Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
---	------------------------------	-----------------------------	------------------------------

Required Method of Placing Sealing Material			
---	--	--	--

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
---	--

<input type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
--	---

Sealing Materials			
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<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
--	-----------------------------------

<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite Chips
---	--

<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Cement Grout
---	---

<input checked="" type="checkbox"/> Bentonite - Sand Slurry	<input type="checkbox"/> Bentonite - Sand Slurry
---	--

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
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Surface	0.5		
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0.5	3.0	100 lbs (2 bags)	
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3.0			
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CT LABORATORIES

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CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

MSA PROFESSIONAL SERVICES

JAYNE ENGLEBERT
1230 SOUTH BLVD
BARABOO, WI 53913

Project Name: WINNERS CIRCLE

Project Phase:

Contract #: 2054

Project #: 213212

Folder #: 129174

Purchase Order #:

Page 1 of 5

Arrival Temperature: 3.4

Report Date: 08/02/2017

Date Received: 07/21/2017

Reprint Date: 08/02/2017

CT LAB Sample#: 895056 Sample Description: TB-1 14-16

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Solids, Percent	94.8	%	0.1	0.1	1		07/26/2017	13:04	JAS	EPA 8000C
Organic Results										
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 14:13	MDS	EPA 8021B

CT LAB Sample#: 895057 Sample Description: TB-1 18-20

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Sampled: 07/21/2017 0855

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 2133212
 Project Phase:

Contract #: 2054
 Folder #: 129174
 Page 2 of 5

CT LAB Sample#: 895057 Sample Description: TB-1 18-20

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	Sampled: 07/21/2017 0855
Inorganic Results											
Solids, Percent											
95.9 %											
Organic Results											
Solids, Percent											
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
Benzene	<0.012	mg/kg	0.012	0.037	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
o-Xylene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
Toluene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 14:51	MDS	EPA 8021B	
Inorganic Results											
Solids, Percent											
96.4 %											
Organic Results											
Solids, Percent											
1,2,4-Trimethylbenzene	0.0809	mg/kg	0.016	0.034	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	0.0342	mg/kg	0.016 *	0.035	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B	
Benzene	<0.012	mg/kg	0.012	0.037	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B	
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B	
m & p-Xylene	0.0270	mg/kg	0.024 *	0.069	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B	

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129174
 Page 3 of 5

CT LAB Sample#: 895058 Sample Description: TB-2 4-6

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
o-Xylene	0.0259	mg/kg	0.017 *	0.036	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 15:28	MDS	EPA 8021B

CT LAB Sample#: 895059 Sample Description: TB-2 18-20

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Solids, Percent 95.4 % 0.1 0.1 1 07/26/2017 13:04 JAS EPA 8000C

Organic Results

1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 16:06	MDS	EPA 8021B

CT LAB Sample#: 895060 Sample Description: TB-3 0-4

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Inorganic Results

Solids, Percent	94.3	%	0.1	0.1	1		07/26/2017	13:04	JAS	EPA 8000C
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Sampled: 07/21/2017 0905

Sampled: 07/21/2017 0912

Sampled: 07/21/2017 0920

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129174
 Page 4 of 5

CT LAB Sample#: 895060 Sample Description: TB-3 0-4

Organic Results							Sampled: 07/21/2017 0920			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 16:43	MDS	EPA 8021B

Inorganic Results							Sampled: 07/21/2017 0935			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	85.8	%		0.1	0.1	1		07/26/2017 13:04	JAS	EPA 8000C

Organic Results							Sampled: 07/21/2017 0950			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		08/01/2017 09:50	08/01/2017 17:21	MDS	EPA 8021B

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

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MSA PROFESSIONAL SERVICES
Project Name: WINNERS CIRCLE
Project #: 213212
Project Phase:

Contract #: 2054
Folder #: 129174
Page 5 of 5

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

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC2016002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# W100061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002
Pennsylvania NELAP Lab ID# 68-04201, # 008

Private Water Supply Well Construction Detail Summary
Village of Oxford, Wisconsin

Name	Location	Well Depth	Screen Interval Depth	Upper Sand Depth From Surface	Clay Depth Interval
Terry Berndt	115 Ormsby Street	268 feet	260 to 268 feet	30 feet	30 to 180 feet
Thomas Roos	128 S. Oxford Street	199 feet	196 to 199 feet	28 feet	28 to 160 feet
Milk Plant	138 Chauncey Street	200 feet	180 to 200 feet	17 feet	17 to 160 feet
Grand Marsh Bank	Vallette and Franklin	219 feet	216 to 219 feet	20 feet	20 to 146 feet
Royal Bank	Franklin and Ormsby	224 feet	221 to 224 feet	25 feet	25 to 148 feet
Tom Wastart	128 W. Chauncey Street	192 feet	189 to 192 feet	35 feet	35 to 180 feet
Ed Johnson	Ormsby Street?	196 feet	190 to 196 feet	29 feet	29 to 169 feet

**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER RB405**

Property BERNDT, TERRY Owner	Telephone 608-586-4052 Number
--	---

Mailing PO BOX 6 Address

City OXFORD	State WI	Zip Code 53952
--------------------	-----------------	-----------------------

County of Well Location Marquette	County Well Permit No. W	Well Completion Date 02/17/2003
--	---------------------------------	--

Well Constructor (Business Name) BRUCE A WALKER	License # 6143	Facility ID Number (Public Wells)
--	-----------------------	-----------------------------------

Address 673 FERN AVE	Public Well Plan Approval # W--
-----------------------------	---

City GRAND MARSH	State WI	Zip Code 53936	Date of Approval (mm/dd/yyyy)
-------------------------	-----------------	-----------------------	-------------------------------

Hicap Permanent well #	Common Well #	Specific Capacity .1 gpm/ft
------------------------	---------------	--------------------------------

3. Well serves (e.g. barn, restaurant, church, school, industry, etc.)	1 # of homes and or TIRE SHOP	High capacity Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---	---	--

		Property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	--	--

		<input type="checkbox"/> Drilled <input type="checkbox"/> Driven Point <input type="checkbox"/> Jetted <input type="checkbox"/> Other:
--	--	--

		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
--	--	---

4. Is the well located upslope or sideslope and not down slope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:

Well located in floodplain? Yes No

Distance in Feet from Well to Nearest:

1. Landfill

27 2. Building Overhang

3. Septic Holding Tank

4. Sewage Absorption Unit

5. Nonconforming Pit

6. Buried Home Heating Oil Tank

7. Buried Petroleum Tank

8. Shoreline Swimming Pool

9. Downspout/Yard Hydrant

10. Privy

11. Foundation Drain to Clearwater

12. Foundation Drain to Sewer

13. Building Drain

Cast Iron or Plastic Other

21 14. Building Sewer Gravity Pressure

Cast Iron or Plastic Other

15. Collector or Street Sewer:

Sanitary units in. diam.

Storm <= 6 > 6

16. Clearwater Sump

17. Wastewater Sump

18. Paved Animal Barn Pen

19. Animal Yard or Shelter

20. Silo

21. Barn Gutter

22. Manure Pipe Gravity Pressure

Cast Iron or Plastic Other

23. Other Manure Storage

24. Ditch

25. Other NR 812 Waste Storage

5. Drillhole Dimensions and Construction Method

From **0** To **268** Upper **Enlarged Drillhole** Lower **Open Bedrock**

Dia (in.) **9** Dia (in.) **0** Dia (in.) **268**

---1. Rotary - Mud Circulation-----

---2. Rotary - Air-----

---3. Rotary - Air and Foam-----

---4. Drill-Through Casing Hammer-----

---5. Reverse Rotary-----

---6. Cable-tool Bit in. dia-----

7. Dual Rotary-----

8. Temp. Outer Casing in. dia. depth

Removed? Yes No

If no, why not?

6. Casing, Liner, Screen Material, Weight, Specification

From **0** To **260**

Dia (in.) **5** Dia (in.) **260** Dia (in.) **268**

5 HASTINGS EAGLE PLV 1120 SDR 21 200

PSI ASTM D2241 F480-90

Dia. (in.) **5** Screen type, material & slot size **SS WIRE WRAP 12 SLOT**

7. Grout or Other Sealing Material. Method

Method: **TREMMIE PIPE**

Kind of Sealing Material

From **0** To **255** # Sacks **28**

Cement

HIGH SDIDS BENTONITE

0 255 28

State of WI - Private Water Systems - DG/2

Department of Natural Resources, Box 7921

Madison, WI 53707

Please type or Print using a black Pen

Please Use Decimals Instead of Fractions.

Form 3300-77A

(R 8/00)

1. Well Location

Town City Village

of **OXFORD**

Fire # (if available)

115

Grid or Street Address or Road Name and Number

ORMSBY ST

Subdivision Name **Lot #** **Block #**

Gov't Lot # or NE 1/4 of SW 1/4 of

Section **17** T **15** N; R**8** E W

Latitude Deg. **43** Min. **46.859**

Longitude Deg. Min. **.381**

2. Well Type New **Lat/Long Method**

Replacement Reconstruction **GPS008**

of previous unique well # constructed in

Reason for replaced or Reconstructed Well?

DRIVEN POINT IN BLD:INOP

Drilled Driven Point Jetted Other:

Yes No

17. Wastewater Sump

18. Paved Animal Barn Pen

19. Animal Yard or Shelter

20. Silo

21. Barn Gutter

22. Manure Pipe Gravity Pressure

Cast Iron or Plastic Other

23. Other Manure Storage

24. Ditch

25. Other NR 812 Waste Storage

8. Geology	From (ft.)	To (ft.)
Type, Caving/Noncaving, Color, Hardness, etc.		

--S-	SAND	0	30
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--C-	CLAY	30	180
-------------	-------------	-----------	------------

--SM	SILTY SAND	180	230
-------------	-------------------	------------	------------

-NSC	FINE SAND W/CLAY	230	255
-------------	-------------------------	------------	------------

-MSG	MED SAND W/GRAVEL	255	268
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9. Static Water Level

ft. above ground surface

30 ft. below ground surface

10. Pump Test

Pumping Level **250** ft. below surface

Pumping at **25** GPM for **3** hours

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

Yes No

If no, explain:

11. Well is:

Above Grade Below Grade

14 in. Yes No

Developed? Yes No

Disinfected? Yes No

Capped? Yes No

13. Signature of the Well Constructor or Supervisory Driller Date signed

Signature of Drill Rig Operator (Mandatory unless same as above) Date signed

BW **03/17/2003**

Variance issued Yes No

Make additional comments on reverse side about geology, additional screens, water quality, etc.

Department of Natural Resources**Well Codes and Identifiers***Geologic Log No**SID Number**Common Well Name**Well Notification #*

Batch Seq # 841

Well Construction Report Comment Sheet

Form 3300-77A

Rev. 8/00

Variance

Type	Date	Reason	Granted?
Distance	02/20/2004	< REQUIRED 50' FROM A COLLECTOR SEWER	Y

Driller Notes*Other* F BAILEY SENT NON 043003 RE: WELL TO CLOSE TO COLLECTOR SEWER

**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER QZ271**

Property ROOS, THOMAS
Owner

Telephone --
Number

Mailing **BOX 223**
Address

City **OXFORD** State **WI** Zip Code **53952**

County of Well Location **Marquette** County Well Permit No. **W** Well Completion Date **09/08/2003**

Well Constructor (Business Name) **TODD G ROOS** License # **6287** Facility ID Number (Public Wells)

Address **BOX 223** Public Well Plan Approval # **W--**

City **OXFORD** State **WI** Zip Code **53952** Date of Approval (mm/dd/yyyy)

Hicap Permanent well # Common Well # Specific Capacity **10 gpm/ft**

3. Well serves **1** # of homes and or
(e.g. barn, restaurant, church, school, industry, etc.) High capacity Well? Yes No
Property? Yes No

4. Is the well located upslope or sideslope and not down slope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:

Well located in floodplain? Yes No

Distance in Feet from Well to Nearest:

>2000 1. Landfill

>10 2. Building Overhang

3. Septic Holding Tank

4. Sewage Absorption Unit

5. Nonconforming Pit

6. Buried Home Heating Oil Tank

7. Buried Petroleum Tank

8. Shoreline Swimming Pool

9. Downspout/Yard Hydrant

10. Privy

11. Foundation Drain to Clearwater

12. Foundation Drain to Sewer

13. Building Drain

Cast Iron or Plastic Other

>50 14. Building Sewer Gravity Pressure

Cast Iron or Plastic Other

>30 15. Collector or Street Sewer:

Sanitary 4 units 8 in. diam.

Storm <= 6 > 6

16. Clearwater Sump

17. Wastewater Sump

18. Paved Animal Barn Pen

19. Animal Yard or Shelter

20. Silo

21. Barn Gutter

22. Manure Pipe Gravity Pressure

Cast Iron or Plastic Other

23. Other Manure Storage

24. Ditch

25. Other NR 812 Waste Storage

5. Drillhole Dimensions and Construction Method

From (ft.)	To (ft.)	Upper Enlarged Drillhole	Lower Open Bedrock
6	0	199	
		<input type="checkbox"/> ---1. Rotary - Mud Circulation-----	<input type="checkbox"/>
		<input type="checkbox"/> ---2. Rotary - Air-----	<input type="checkbox"/>
		<input type="checkbox"/> ---3. Rotary - Air and Foam-----	<input type="checkbox"/>
		<input type="checkbox"/> ---4. Drill-Through Casing Hammer	
		<input type="checkbox"/> ---5. Reverse Rotary	
		<input type="checkbox"/> ---6. Cable-tool Bit in. dia-----	<input type="checkbox"/>
		<input type="checkbox"/> 7. Dual Rotary	<input type="checkbox"/>
		<input type="checkbox"/> 8. Temp. Outer Casing in. dia. Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No	depth (ft)

6. Casing, Liner, Screen Material, Weight, Specification

From To
(ft.) (ft.)

6.625 OD X .280 WALL A53B PE 18.97 LBS 0 196
IPSCO

Dia. (in.) Screen type, material & slot size

5 TEL 15 SLOT STAINLESS 196 199

7. Grout or Other Sealing Material. Method

Method: **MOUNDED** From To # Sacks
Kind of Sealing Material (ft.) (ft.) Cement

#8 BENTONITE 0 7

State of WI - Private Water Systems - DG/2

Department of Natural Resources, Box 7921

Madison, WI 53707

Please type or Print using a black Pen

Please Use Decimals Instead of Fractions.

Forn 3300-77A

(R 8/00)

1. Well Location <input type="checkbox"/> Town <input type="checkbox"/> City <input checked="" type="checkbox"/> Village of OXFORD	Fire # (if available)
---	-----------------------

Grid or Street Address or Road Name and Number
128 S OXFORD ST

Subdivision Name **Lot # 19&20** Block #

Gov't Lot # or NE 1/4 of SW 1/4 of

Section **17** T **15** N; R **8** E W

Latitude Deg. Min.

Longitude Deg. Min.

2. Well Type New **Replacement** Lat/Long Method **GPS008**
 Reconstruction

of previous unique well # constructed in

Reason for replaced or Reconstructed Well?

MORE WATER

Drilled Driven Point Jetted Other:
 Yes No

Geology	From (ft.)	To (ft.)
Type, Caving/Noncaving, Color, Hardness, etc.		
--S- SAND	0	28
--C- CLAY	28	160
--CS SANDY CLAY	160	192
--SG SAND W/GRAVEL	192	199
25. Other NR 812 Waste Storage		

9. Static Water Level

ft. above ground surface

28 ft. below ground surface

10. Pump Test

Pumping Level **30** ft. below surface

Pumping at **20** GPM for **2** hours

11. Well is: <input type="checkbox"/> Above Grade 15 in. <input type="checkbox"/> Below Grade
Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on

this property?
 Yes No If no, explain: **STILL USING IT**

13. Signature of the Well Constructor or Supervisory Driller Date signed
TOR **10/07/2003**

Signature of Drill Rig Operator (Mandatory unless same as above) Date signed
TOR **10/07/2003**

Make additional comments on reverse side about geology, additional screens, water quality, etc.

Variance issued Yes No

Department of Natural Resources**Well Codes and Identifiers***Geologic Log No**SID Number**Common Well Name**Well Notification #**Batch Seq #* 900**Well Construction Report Comment Sheet**

Form 3300-77A

Rev. 8/00

Driller Notes*Other* PER F BAILEY, THIS IS A GRAVITY PIPE TO THE COLLECTOR SEWER. 25' TO COLLECTOR SEWER IS OKAY.

Mq-13

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

Mq-13-6

FEB 24 1945

1. County Marquette Town
Village of Oxford T15 R8E

2. Location Milk plant SET₄, NE₄, SW₄, sec. 17, T15N, R8E

3. Owner or Agent Borden Company now owned by Village of Oxford
for fire protection only

4. Address Columbus, Wisconsin

5. From well to nearest: Building _____ ft; sewer _____ ft; drain _____ ft; septic tank _____ ft;
dry well or filter bed _____ ft; abandoned well _____ ft.

6. Well is intended to supply water for: cooling water 138 Chauvinay?

7. DRILLHOLE OR EXCAVATION:

Dia. (in.)	From (ft.)	To (ft.)
12	0	180
14	180	200

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
12	steel	+ 16"	180
8"	Layne keystone		
	screen	180	200
8	steel	157	180

9. GROUT:

Kind	From (ft.)	To (ft.)
none		

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 200 GPM.

Depth from surface to water: 26 $\frac{1}{2}$ ft.

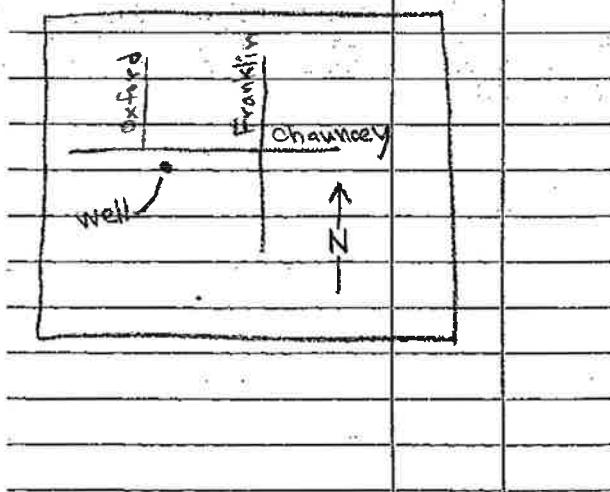
Water-level when pumping: 58 ft.

$ad = 31.5 \text{ ft. up - } 6.35 \text{ ft.}$
Water sample sent to laboratory at

by customer on 19

10. FORMATIONS:

Kind	Thickness (ft.)	Total Depth (ft.)
sand	17	17
clay	143	160
sand, clay streaks	20	180
med. sand & gravel	20	200



Construction of the well was completed on June, 1944 19

The well is terminated 15" inches (above) (below) the permanent grade.

Was the well disinfected upon completion?

Yes No

Was the well sealed watertight upon completion?

Yes No

Signature LAYNE NORTHWEST COMPANY, 709 N. 11th St. Milwaukee, 3, Wisconsin
Registered Well Driller

Complete Mail Address

Permit #29

**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER NC942**

State of WI - Private Water Systems - DG/2
Department of Natural Resources, Box 7921
Madison, WI 53707
Please type or Print using a black Pen
Please Use Decimals Instead of Fractions.

Form 3300-77A
(R 8/00)

Property GRANDMARSH BANK Owner		Telephone — Number																															
Mailing VALLETTE & FRANKLIN Address				1. Well Location <input type="checkbox"/> Town <input type="checkbox"/> City <input checked="" type="checkbox"/> Village of OXFORD																													
City OXFORD		State WI	Zip Code 53952	Fire # (if available)																													
County of Well Location Marquette	County Well Permit No. W	Well Completion Date 09/10/1999		Grid or Street Address or Road Name and Number FRANKLIN & VALLETTE																													
Well Constructor (Business Name) TODD G ROOS	License # 6287	Facility ID Number (Public Wells)		Subdivision Name Lot # Block #																													
Address BOX 223		Public Well Plan Approval # W--		Gov't Lot # or NW 1/4 of SE 1/4 of Section 17 T 15 N; R 8 <input checked="" type="checkbox"/> E <input type="checkbox"/> W																													
City OXFORD	State WI	Zip Code 53952	Date of Approval (mm/dd/yyyy)	Latitude Deg. Min. Longitude Deg. Min.																													
Hicap Permanent well #	Common Well #	Specific Capacity 15 gpm/ft		2. Well Type <input checked="" type="checkbox"/> New Lat/Long Method GPS008 <input type="checkbox"/> Replacement <input type="checkbox"/> Reconstruction																													
3. Well serves (e.g. barn, restaurant, church, school, industry, etc.)		BANK	High capacity Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	of previous unique well # constructed in Reason for replaced or Reconstructed Well?																													
4. Is the well located upslope or sideslope and not down slope from any contamination source, including those on neighboring properties? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																	
Well located within 1,200 feet of a quarry? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, distance in feet from quarry:																																	
Well located in floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																	
Distance in Feet from Well to Nearest: 1. Landfill 2. Building Overhang 3. Septic <input type="checkbox"/> Holding Tank <input type="checkbox"/> 4. Sewage Absorption Unit 5. Nonconforming Pit 6. Buried Home Heating Oil Tank 7. Buried Petroleum Tank																																	
9. Downspout/Yard Hydrant 10. Privy 11. Foundation Drain to Clearwater 12. Foundation Drain to Sewer 13. Building Drain <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other >30 14. Building Sewer <input checked="" type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input checked="" type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other >60 15. Collector or Street Sewer: Sanitary units in. diam. Storm <input type="checkbox"/> <= 6 <input type="checkbox"/> > 6																																	
16. Clearwater Sump																																	
17. Wastewater Sump 18. Paved Animal Barn Pen 19. Animal Yard or Shelter 20. Silo 21. Barn Gutter 22. Manure Pipe <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other 23. Other Manure Storage 24. Ditch																																	
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6 6.625 OD X .280 WALL A53B PE 18.97 LBS 0 216 IPSCO																																	
9. Static Water Level ft. above ground surface 27 ft. below ground surface																																	
11. Well is: <input checked="" type="checkbox"/> Above Grade 17 in. <input type="checkbox"/> Below Grade																																	
Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																	
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																	
Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																	
12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, explain:																																	
13. Signature of the Well Constructor or Supervisory Driller Date signed TDR 09/22/1999																																	
Signature of Drill Rig Operator (Mandatory unless same as above) Date signed TDR																																	

Make additional comments on reverse side about geology, additional screens, water quality, etc.

Variance issued Yes No

Department of Natural Resources

Well Codes and Identifiers

Geologic Log No

SID Number

Common Well Name

Well Notification #

Batch Seq # 622

Well Construction Report Comment Sheet

Form 3300-77A

Rev. 8/00

**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER NC936**

Property ROYAL BANK Owner		Telephone — Number
------------------------------	--	-----------------------

Mailing ORMSBY & FRANKLIN ST Address		
---	--	--

City OXFORD		State WI	Zip Code 53952
-------------	--	----------	----------------

County of Well Location Marquette	County Well Permit No. W	Well Completion Date 09/08/1999
--------------------------------------	-----------------------------	------------------------------------

Well Constructor (Business Name) THOMAS D ROOS	License # 249	Facility ID Number (Public Wells)
---	------------------	-----------------------------------

Address PO BOX 82	Public Well Plan Approval # W--
----------------------	------------------------------------

City OXFORD	State WI	Zip Code 53952-0082	Date of Approval (mm/dd/yyyy)
-------------	----------	---------------------	-------------------------------

Hicap Permanent well #	Common Well #	Specific Capacity 15 gpm/ft
------------------------	---------------	--------------------------------

State of WI - Private Water Systems - DG/2
Department of Natural Resources, Box 7921
Madison, WI 53707
Please type or Print using a black Pen
Please Use Decimals Instead of Fractions.

Form 3300-77A
(R 8/00)

1. Well Location <input type="checkbox"/> Town <input type="checkbox"/> City <input checked="" type="checkbox"/> Village of OXFORD	Fire # (if available)
--	-----------------------

Grid or Street Address or Road Name and Number FRANKLIN & ORMSBY		
---	--	--

Subdivision Name	Lot #	Block #
------------------	-------	---------

Gov't Lot # or NW 1/4 of SE 1/4 of

Section 17 T 15 N; R8 E W

Latitude Deg. Min. Min.
Longitude Deg.

2. Well Type New Lat/Long Method GPS008
 Replacement Reconstruction

of previous unique well # constructed in
Reason for replaced or Reconstructed Well?

Drilled Driven Point Jetted Other:
 Yes No

3. Well serves 1 # of homes and or
(e.g. barn, restaurant, church, school, industry, etc.)

BANK High capacity Well? Yes No
Property? Yes No

4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? Yes No If yes, distance in feet from quarry:

Well located within 1,200 feet of a quarry? Yes No

Well located in floodplain? Yes No

Distance in Feet from Well to Nearest:

1. Landfill
2. Building Overhang
3. Septic Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank

8. Shoreline Swimming Pool

16. Clearwater Sump

9. Downspout/Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain
 Cast Iron or Plastic Other
14. Building Sewer Gravity Pressure
 Cast Iron or Plastic Other
15. Collector or Street Sewer:
Sanitary units in. diam.
Storm <= 6 > 6
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe Gravity Pressure
 Cast Iron or Plastic Other
23. Other Manure Storage
24. Ditch

5. Drillhole Dimensions and Construction Method

From (ft.)	To (ft.)	Upper Enlarged Drillhole	Lower Open Bedrock
6	0	224	<input type="checkbox"/> ---1. Rotary - Mud Circulation----- <input type="checkbox"/> <input type="checkbox"/> ---2. Rotary - Air----- <input type="checkbox"/> <input type="checkbox"/> ---3. Rotary - Air and Foam----- <input type="checkbox"/> <input type="checkbox"/> ---4. Drill-Through Casing Hammer <input type="checkbox"/> ---5. Reverse Rotary <input type="checkbox"/> ---6. Cable-tool Bit in. dia----- <input type="checkbox"/> <input type="checkbox"/> ---7. Dual Rotary <input type="checkbox"/> ---8. Temp. Outer Casing in. dia. Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, why not?

6. Casing, Liner, Screen Material, Weight, Specification

Dia. (in.) From (ft.) To (ft.)

6 .625 OD X .280 WALL A53B PE 18.97 LBS
IPSCO

Dia. (in.) Screen type, material & slot size
6 TEL 18 SLOT STAINLESS

7. Grout or Other Sealing Material. Method

Method: MOUNDED
Kind of Sealing Material

#8 BENTONITE

From (ft.) To (ft.) # Sacks Cement

0 5

8. Geology

Type, Caving/Noncaving, Color, Hardness, etc.	From (ft.)	To (ft.)
--S- SAND	0	25
--C- CLAY	25	148
--SU MUDDY SAND	148	180
-NS- FINE SAND	180	197
--CS SANDY CLAY	197	216
-AY- COARSE SAND AND GRAVEL	216	224

9. Static Water Level
ft. above ground surface
29 ft. below ground surface

10. Pump Test
Pumping Level 30 ft. below surface
Pumping at 15 GPM for 4 hours

11. Well is: Above Grade
36 in. Below Grade

Developed? Yes No

Disinfected? Yes No

Capped? Yes No

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
 Yes No If no, explain:

13. Signature of the Well Constructor or Supervisory Driller Date signed
TDR 09/22/1999

Signature of Drill Rig Operator (Mandatory unless same as above) Date signed
TDR

Make additional comments on reverse side about geology, additional screens, water quality, etc.

Variance issued Yes No

Department of Natural Resources

Well Codes and Identifiers

Well Construction Report Comment Sheet

Form 3300-77A

Rev. 8/00

Geologic Log No

SID Number

Common Well Name

Well Notification #

Batch Seq # 622

**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER VJ818**

Property **WASTART, TOM**
Owner

Telephone —
Number

Mailing **213 W ORMSBY**
Address

City **OXFORD** State **WI** Zip Code **53952**

County of Well Location **Marquette** County Well Permit No. **W** Well Completion Date **10/10/2013**

Well Constructor (Business Name) **WAYNE W SALEFSKY** License # **567** Facility ID Number (Public Wells)

Address **TOWN & COUNTRY WELL DRILLING** Public Well Plan Approval # **W--**

City **BERLIN** State **WI** Zip Code **54923-0123** Date of Approval (mm/dd/yyyy)

Hicap Permanent well # Common Well # Specific Capacity **2.3 gpm/ft**

3. Well serves **1** # of homes and or
(e.g. barn, restaurant, church, school, industry, etc.) High capacity Yes No
Well? Property? Yes No

4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:

Well located in floodplain? Yes No 9. Downspout/Yard Hydrant

Distance in Feet from Well to Nearest:
1. Landfill
2. Building Overhang
3. Septic Holding Tank

10. Privy

11. Foundation Drain to Clearwater

>**50** 12. Foundation Drain to Sewer

13. Building Drain
 Cast Iron or Plastic Other

14. Building Sewer Gravity Pressure
 Cast Iron or Plastic Other

15. Collector or Street Sewer:
 Sanitary units in. diam.
 Storm <= 6 > 6

17. Wastewater Sump

18. Paved Animal Barn Pen

19. Animal Yard or Shelter

20. Silo

21. Barn Gutter
 Cast Iron or Plastic Other

22. Manure Pipe Gravity Pressure

23. Other Manure Storage

24. Ditch

16. Clearwater Sump

25. Other NR 812 Waste Storage

5. Drillhole Dimensions and Construction Method

From Dia (in.)	To (ft.)	Upper Enlarged Drillhole	Lower Open Bedrock
6	0	192	
		<input type="checkbox"/> ---1. Rotary - Mud Circulation-----	<input type="checkbox"/>
		<input type="checkbox"/> ---2. Rotary - Air-----	<input type="checkbox"/>
		<input type="checkbox"/> ---3. Rotary - Air and Foam-----	<input type="checkbox"/>
		<input type="checkbox"/> ---4. Drill-Through Casing Hammer	<input type="checkbox"/>
		<input type="checkbox"/> ---5. Reverse Rotary	<input type="checkbox"/>
		<input checked="" type="checkbox"/> ---6. Cable-tool Bit 6 in. dia-----	<input type="checkbox"/>
		<input type="checkbox"/> 7. Dual Rotary	<input type="checkbox"/>
		<input type="checkbox"/> 8. Temp. Outer Casing in. dia.	depth
		Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No	(ft.)
		If no, why not?	

6. Casing, Liner, Screen Material, Weight, Specification

Dia (in.) From (ft.) To (ft.)

**6 ASTM A53B T & C WHEATLAND NEW
BLACK STEEL 19.45LB PER FT**

7. Grout or Other Sealing Material, Method

Method:
Kind of Sealing Material

#8 BENTONITE

From (ft.) To (ft.) # Sacks Cement

0

8. Geology
Type, Caving/Noncaving, Color, Hardness, etc.

	From (ft.)	To (ft.)
--S-	SAND	0 35
--C-	CLAY	35 180
--S-	SAND	180 192

9. Static Water Level

ft. above ground surface

30 ft. below ground surface

10. Pump Test

Pumping Level **50** ft. below surface

Pumping at **45** GPM for **3** hours

11. Well is: Above Grade
14 in. Below Grade

Developed? Yes No

Disinfected? Yes No

Capped? Yes No

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
 Yes No If no, explain: **NONE**

13. Signature of the Well Constructor or Supervisory Driller

WS Date signed **08/12/2014**

Signature of Drill Rig Operator (Mandatory unless same as above) Date signed

SS **08/12/2014**

Make additional comments on reverse side about geology, additional screens, water quality, etc.

Variance issued Yes No

State of WI - Private Water Systems - DG/2

Department of Natural Resources, Box 7921

Madison, WI 53707

Please type or Print using a black Pen

Please Use Decimals Instead of Fractions.

Forn 3300-77A

(R 8/00)

Department of Natural Resources

Well Codes and Identifiers

Well Construction Report Comment Sheet

Form 3300-77A

Rev. 8/00

Geologic Log No

SID Number

Common Well Name

Well Notification # 49438300

Batch Seq # 1292

**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER LD311**

State of WI - Private Water Systems - DG/2
Department of Natural Resources, Box 7921
Madison, WI 53707
Please type or Print using a black Pen
Please Use Decimals Instead of Fractions.

Form 3300-77A
(R 8/00)

Property JOHNSON, ED Owner		Telephone -- Number					
Mailing 229 S OXFORD ST Address				1. Well Location <input type="checkbox"/> Town <input type="checkbox"/> City <input checked="" type="checkbox"/> Village of OXFORD		Fire # (if available)	
City OXFORD		State WI	Zip Code 53952				
County of Well Location Marquette	County Well Permit No. W	Well Completion Date 02/11/1998					
Well Constructor (Business Name) THOMAS D ROOS		License # 249	Facility ID Number (Public Wells)				
Address PO BOX 82		Public Well Plan Approval # W--					
City OXFORD	State WI	Zip Code 53952-0082	Date of Approval (mm/dd/yyyy)				
Hicap Permanent well #	Common Well #	Specific Capacity gpm/ft					
3. Well serves 1 # of homes and or ABANDONED GAS S (e.g. barn, restaurant, church, school, industry, etc.)				High capacity Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Well located within 1,200 feet of a quarry? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, distance in feet from quarry:							
Well located in floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				9. Downspout/Yard Hydrant			
Distance in Feet from Well to Nearest:				10. Privy			
1. Landfill				11. Foundation Drain to Clearwater			
3 2. Building Overhang				12. Foundation Drain to Sewer			
3. Septic <input type="checkbox"/> Holding Tank <input type="checkbox"/>				13. Building Drain <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other			
4. Sewage Absorption Unit				10 14. Building Sewer <input checked="" type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input checked="" type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other			
5. Nonconforming Pit				>75 15. Collector or Street Sewer: <input type="checkbox"/> Sanitary units in. diam. <input type="checkbox"/> Storm <input type="checkbox"/> <= 6 <input type="checkbox"/> > 6			
6. Buried Home Heating Oil Tank				16. Clearwater Sump			
7. Buried Petroleum Tank							
8. Shoreline <input type="checkbox"/> Swimming Pool <input type="checkbox"/>							
5. Drillhole Dimensions and Construction Method				17. Wastewater Sump			
Dia (in.)	From (ft.)	To (ft.)	Upper Enlarged Drillhole	18. Paved Animal Barn Pen			
2	0	190	<input type="checkbox"/> ---1. Rotary - Mud Circulation----- <input type="checkbox"/> ---2. Rotary - Air----- <input type="checkbox"/> ---3. Rotary - Air and Foam----- <input type="checkbox"/> ---4. Drill-Through Casing Hammer <input type="checkbox"/> ---5. Reverse Rotary <input type="checkbox"/> ---6. Cable-tool Bit in. dia----- <input type="checkbox"/> 7. Dual Rotary <input type="checkbox"/> 8. Temp. Outer Casing in. dia. depth Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, why not?	19. Animal Yard or Shelter			
6. Casing, Liner, Screen Material, Weight, Specification				20. Silo			
Dia (in.)	From (ft.)		To (ft.)	21. Barn Gutter			
2 WEATLAND R@D 3 75 LBS FT GALV W R@D COUPLINGS				22. Manure Pipe <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other			
Dia. (in.)	Screen type, material & slot size JOHNSON 10 SLOT SS	190	196	23. Other Manure Storage			
7. Grout or Other Sealing Material, Method				24. Ditch			
Method: <u>CLAY SLURRY</u>							
From (ft.) To (ft.) # Sacks Cement				25. Other NR 812 Waste Storage			
0 0				8. Geology Type, Caving/Noncaving, Color, Hardness, etc.	From (ft.)	To (ft.)	
				--S- SAND	0	29	
				--C- CLAY	29	169	
				--SC SAND W CLAY STREAKS	169	187	
				--SU MUDDY SAND	187	190	
				--Y- CLEAN SAND GRAVEL	190	196	
9. Static Water Level ft. above ground surface 34 ft. below ground surface				11. Well is: <input checked="" type="checkbox"/> Above Grade 19 in. <input type="checkbox"/> Below Grade			
10. Pump Test Pumping Level 34 ft. below surface Pumping at 12 GPM for 4 hours				Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, explain:							
13. Signature of the Well Constructor or Supervisory Driller TDR				Date signed 02/12/1998			
Signature of Drill Rig Operator (Mandatory unless same as above)				Date signed			
TDR							
Make additional comments on reverse side about geology, additional screens, water quality, etc.				Variance issued <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Department of Natural Resources

Well Codes and Identifiers

Geologic Log No

SID Number

Common Well Name

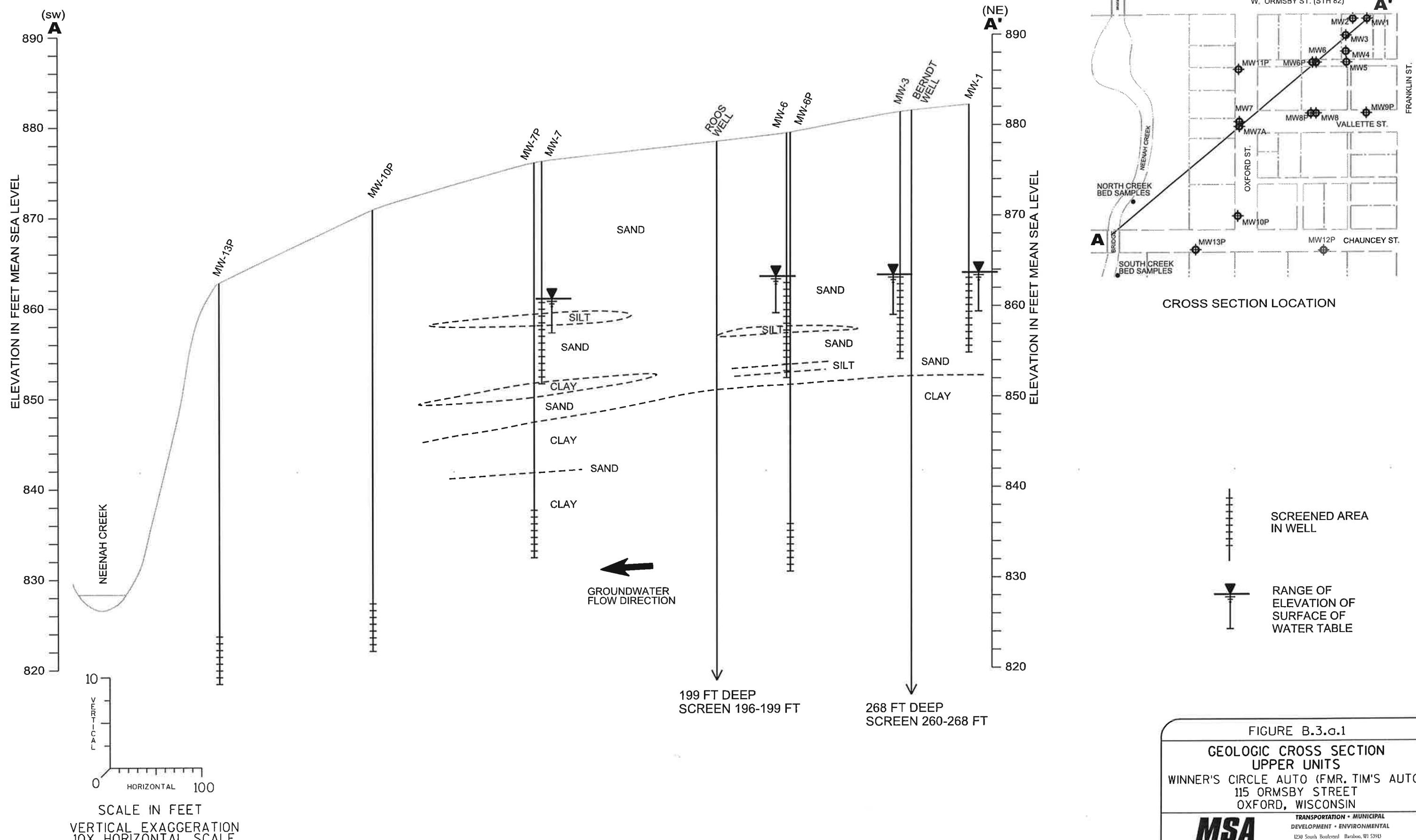
Well Notification #

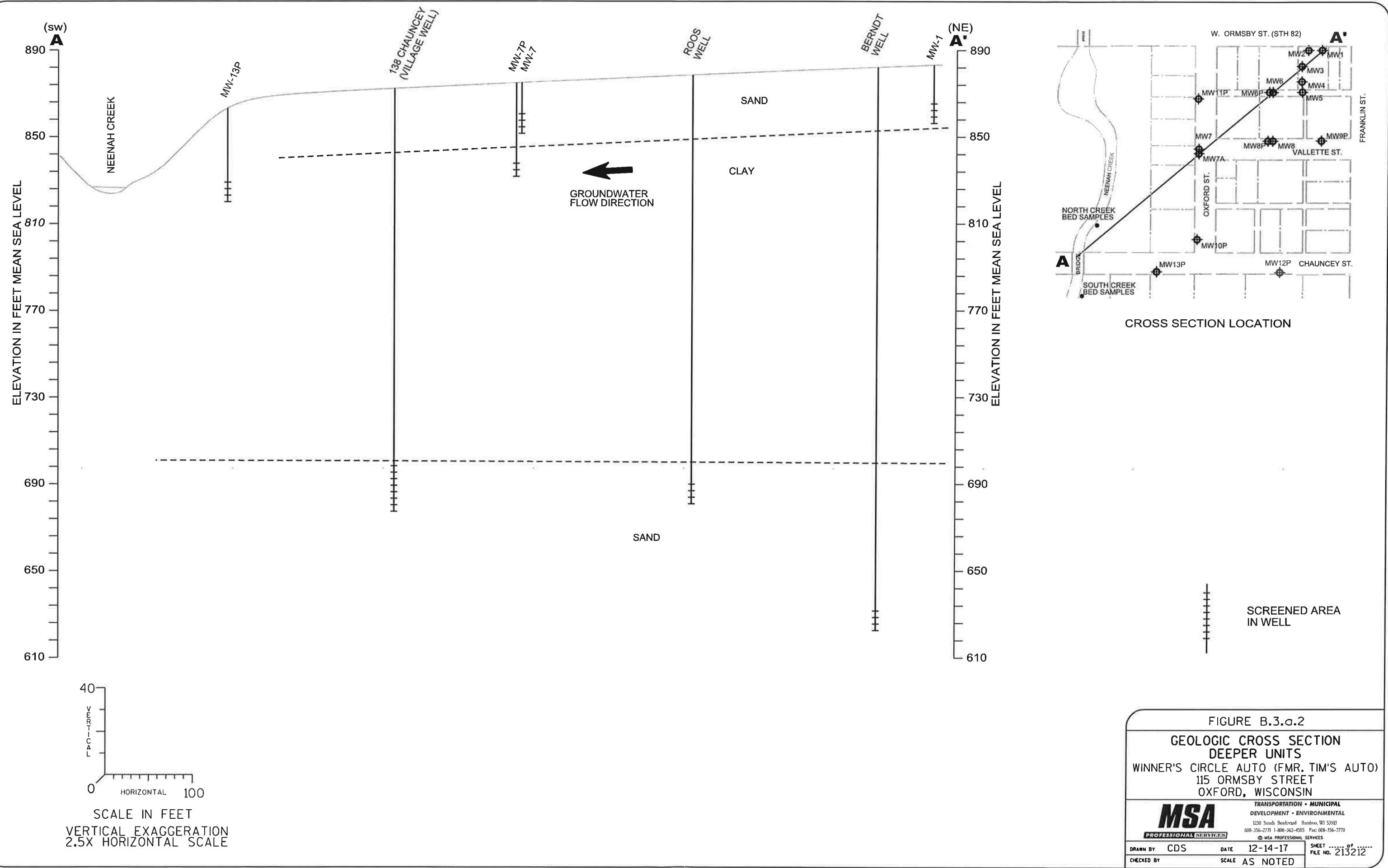
Batch Seq # 495

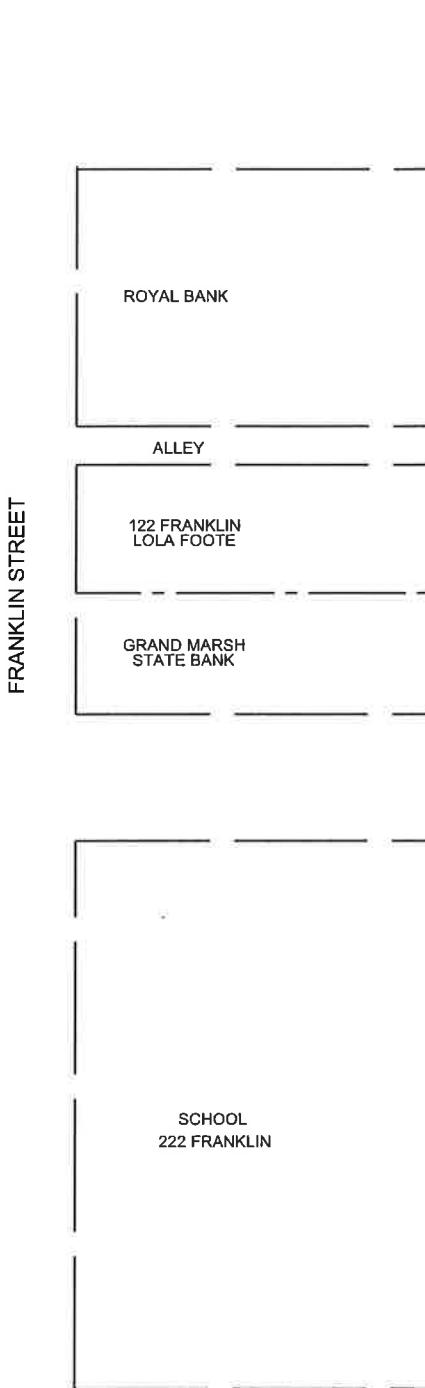
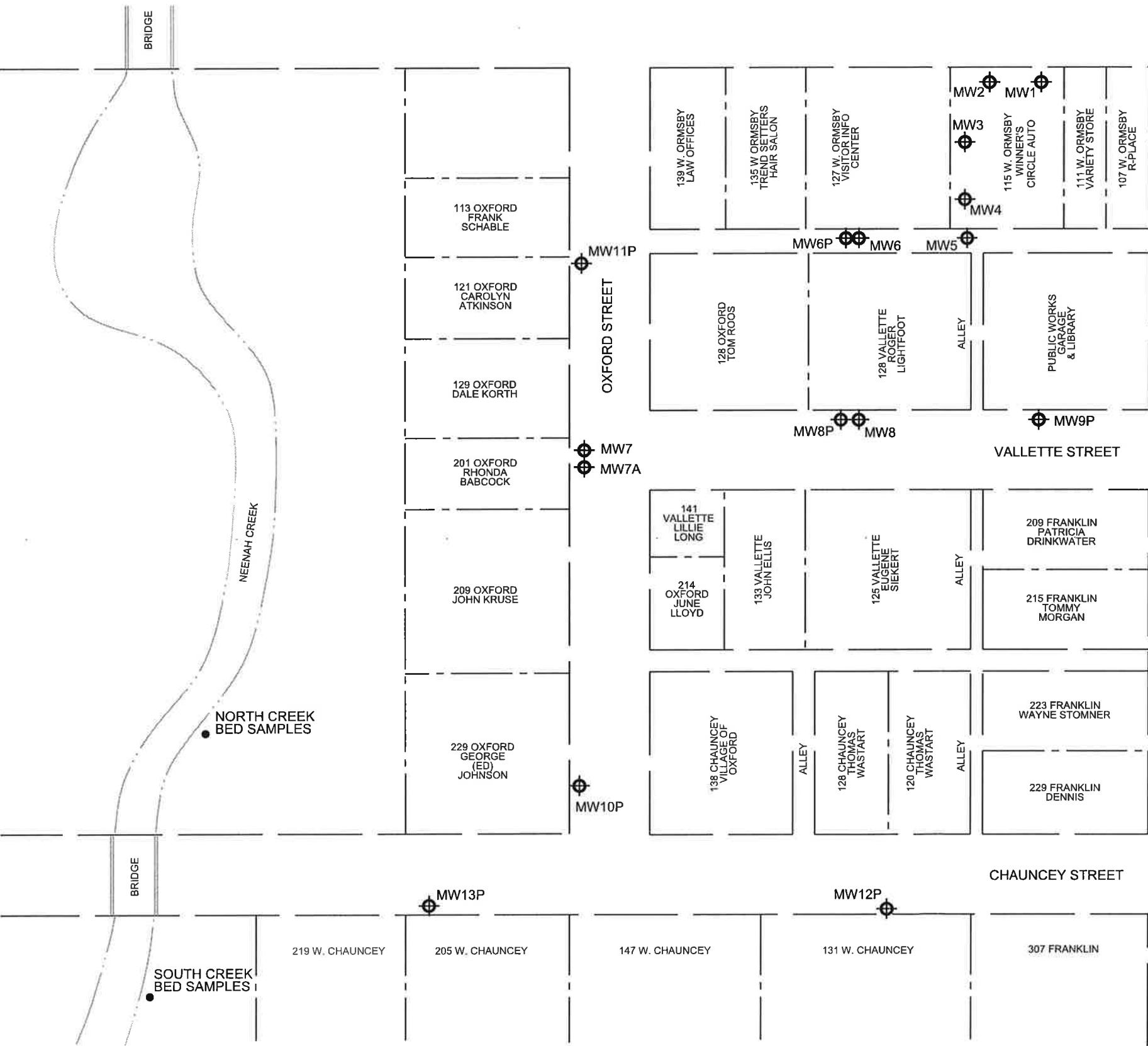
Well Construction Report Comment Sheet

Form 3300-77A

Rev. 8/00







LEGEND

EXISTING MONITORING WELL

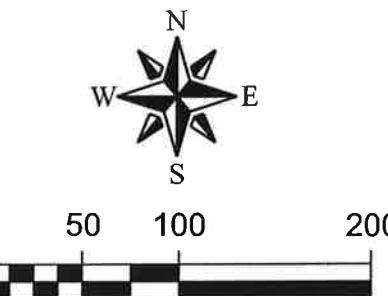


FIGURE 3

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

	Benzene	Toluene	Ethy-benzene	Total Xylenes	Total methyl-benzenes	Total Tri-methyl-ether	Methyl-tert-butyl-ether	Naphthalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP mV	Water Level MSL
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L			
NR 140 PAL	0.5	160	140	1000	96	<0.50	<0.40	<1.0	<0.50	<0.60	<0.60	<2.4		859.80	
NR 140 E/S	5	800	700	10000	480	60	100	12	10	1.5				858.85	
MW-1															859.77
12-Jul-05	<0.40	<0.40	<0.50	<1.0	<0.50	<0.50	<0.40	<1.1	<1.5					22	859.77
15-Nov-05	0.84	0.92	<0.40	1.4	<0.40	<0.40	<0.50	<1.1	<2.8					860.31	
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<2.8	<2.8					859.95	
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<2.8	<2.8					860.05	
28-Feb-08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<2.8	<2.8					860.49	
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<2.8	<2.8					859.89	
15-Nov-11	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50	<1.0	<2.3					861.02	
16-Feb-12	<0.25	<0.25	<0.22	<0.39	<0.37	<0.23	<0.50	<1.0	<2.5					860.56	
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<1.0	<0.40	<0.60				859.43	
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.70	<1.0	<1.0	<0.40	<0.60					860.46	
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<1.0	<1.0	<0.40	<0.60					860.64	
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<1.40	<0.80	<0.50	<1.0	<0.50					860.55	
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<1.40	<0.80	<0.50	<1.0	<0.50					860.40	
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<1.40	<0.80	<0.50	<1.0	<0.50					859.92	
31-Mar-14	<0.50	<0.50	<0.50	<1.5	<1.5	<1.1	<0.40	<1.2	<1.2					862.16	
10-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<0.40	<1.2	<1.2					861.95	
26-Jun-15	Elevation measurement only														
12-Aug-15	Elevation measurement only														
2-Dec-15	Elevation measurement only														
31-May-16	Elevation measurement only														
5-Aug-16	Elevation measurement only														
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.40	<0.90	<0.90					863.21	

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

	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total methyl-benzenes	Total Tri-methyl-benzenes	Methyl-tert-butyl-ether	Naphthalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP mV	Water Level MSL
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L			
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-2															
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
2-Dec-15	<250	1500	1100	21400	6900	<250	1700								859.85
23-Feb-16	<60	2200	1200	21200	6400	<80	1300								860.85
31-May-16	<100	710	850	15500	11400	<100	2200								862.12
5-Aug-16	<100	680	570	10700	4900	<100	750								861.91
24-Feb-17	<12	250	290	7700	5100	<15	610								861.96
27-Jul-17	<10	12	37	1120	1160	<10	120								863.18

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

Units	Benzene	Toluene	Ethy-benzene	Total Xylenes	Total methyl-benzenes	Methyl-tert-butyl-ether	Naphthalene	Total Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5					858.42	
NR 140 ES	5	800	700	10000	480	60	100	15					859.03	
MW-3														
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													
19-Sep-07	0.17 feet of free product, no sample buried in a snow pile													859.10
28-Feb-08														
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
2-Dec-15	1000	43000	10000	69000	32700	<500	7700							859.71
23-Feb-16	670	27000	5600	37000	9000	<200	2100							860.74
31-May-16	260	7500	2200	21500	7800	<200	2500							861.98
5-Aug-16	280	7900	2100	19800	7400	<200	1500							861.74
24-Feb-17	<60	2300	820	14200	6700	<75	1100							861.86
27-Jul-17	<80	5400	850	7300	2160	<80	450							862.98

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

Units	Benzene	Toluene	Ethy-benzene	Total Xylenes	Total methyl-benzenes	Total methyl-butyl-ether	Methyl-tert-butyl-ether	Naphthalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP mV	Water Level MSL
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L			
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-4															
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								859.41
19-Sep-07	<0.50	1.8	13	159	167	<0.50	83								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	160	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	240	13900	3780	<80	980								860.14
29-Nov-12	<80	3300	370	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	290	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
2-Dec-15	62	130	220	2500	1550	<2.5	140								859.53
23-Feb-16	<1.5	150	81	1280	219	<2.0	26								860.54
31-May-16	<4.0	430	330	2790	560	10	140								861.77
5-Aug-16	23	100	170	1210	410	<20	81								861.51
24-Feb-17	<1.2	6.0	95	580	186	<1.5	48								861.62
27-Jul-17	<2.0	<2.0	12	136	160	<2.0	14								862.74

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

Units	Benzene	Toluene	Ethy-benzene	Total Xylenes	Total methyl-benzenes	Total Tri-methyl-buty-ether	Methyl-tert-butyl-ether	Naphthalene	Total Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mV	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															
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								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
2-Dec-15	Elevation measurement only														859.41
31-May-16	Elevation measurement only														861.67
5-Aug-16	Elevation measurement only														861.39
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90								862.62

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

Units	Benzene	Toluene	Ethy-l- benzene	Total Xylenes	Total methyl- benzenes	Total Tri-methyl- benzenes	Methyl- tert-butyl- ether	Naph-thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level							
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mV	mV	MSL							
NR 140 PAL	0.5	160	140	1000	96	12	10	<1.0	<1.0	1.5	1.5	1.5	858.14	858.96								
NR 140 ES	5	800	700	10000	480	60	100	<0.50	<0.50	1.0	1.0	1.0	859.22	859.04								
MW-6																						
15-Nov-05	4800	2600	980	2900	470	750	190	<1.5														
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	2.2	<2.8															
19-Sep-07	7.1	<0.50	<0.50	1.4	0.42	12	<2.8															
28-Feb-08	4600	13000	2100	11000	2150	<50	550															
26-Oct-09	9.3	<0.50	2.4	41	75	<0.50	16															
15-Nov-11	80	310	58	470	164	<2.3	31															
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															
23-Aug-12	780	2400	610	3030	740	<20	280															
29-Nov-12	1800	6300	1700	8200	1720	<40	570															
3-Jun-13	7.1	34	5.8	25.9	7.4	<0.50	2.6															
30-Sep-13	83	310	69	320	48	0.53	22															
31-Dec-13	25	5.8	6.5	13.7	6.13	<0.50	5.7															
31-Mar-14	98	6.6	35	106.4	73	<2.0	31															
10-Dec-14	120	450	100	640	184	<4.0	52															
26-Jun-15	Elevation measurement only																					
12-Aug-15	1200	11000	1500	11500	2230	<130	480															
2-Dec-15	1400	17000	2600	13900	2560	<130	720															
23-Feb-16	500	3300	510	3500	760	<20	150															
31-May-16	57	260	30	360	100	<4.0	21															
5-Aug-16	24	95	170	1140	400	<20	100															
24-Feb-17	65	120	25	450	180	<3.0	24															
27-Jul-17	34	200	52	310	100	<2.0	21															
MW-6P																						
10-Dec-14	2.0	4.6	0.89	4.2	0.77	10	<0.50															
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	8.6																
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	12	<0.50															
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	30	<0.70															
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	39	<0.90															
								Top of Casing = 878.75 ft MSL														

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

Units	Benzene	Toluene	Ethy-l-benzene	Total Xylenes	Total methyl-benzenes	Total Tri-methyl-butyl-ether	Methyl-tert-butyl-ether	Naph-thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mV	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-7															
6-Apr-07	<0.50	<0.50	0.73	<1.0	0.89	3.4	<2.8								
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8								
28-Feb-08	<0.50	<0.50	<0.50	<1.0	<0.50	2.8	<2.8								
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8								
15-Nov-11	<0.25	<0.25	<0.25	<0.22	<0.39	<0.44	0.34	<0.50							
16-Feb-12	<0.25	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60								
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60								
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50								
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50								
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50								
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2								
10-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2								
26-Jun-15	Elevation measurement only														
12-Aug-15	Elevation measurement only														
2-Dec-15	Elevation measurement only														
31-May-16	Elevation measurement only														
5-Aug-16	Elevation measurement only														
27-Jul-17	<0.40	<0.40	<1.20	<0.80	<0.40	<0.40	<0.90								

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

Units	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total methyl-benzenes	Total Tri-methyl-butyl-ether	Methyl-tert-butyl-ether	Naphthalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP mV	Water Level MSL
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mV	mV	MSL
MW-7A (MW-7AP)															
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<2.8							
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	1.4	<2.8							
28-Feb-08	0.78	<0.50	<0.50	<1.0	<0.50	<0.50	23	<2.8							
26-Oct-09	0.61	<0.50	<0.50	<1.0	<0.50	<0.50	46	<2.8							
15-Nov-11	<0.25	<0.25	<0.22	0.46	0.39	95	<0.50								
16-Feb-12	<0.25	<0.25	<0.22	<0.39	0.58	100	<0.50								
31-May-12	3.49	<0.25	<0.25	<0.25	1.04	145	<2.50								
23-Aug-12	2.8	<0.50	1.9	0.65	<1.00	160	0.96								
29-Nov-12	2.0	<0.50	1.7	<1.7	<1.0	110	<0.60								
3-Jun-13	<2.5	<2.5	<2.0	<7.0	<4.0	140	<2.5								
30-Sep-13	<2.5	<2.5	4.2	<7.0	3.2	160	5.7								
31-Dec-13	<2.5	<2.5	<2.0	<7.0	<4.0	160	<2.5								
31-Mar-14	<2.5	<2.5	<2.5	<7.5	<5.5	170	6.8								
9-Dec-14	1.2	<0.50	0.55	<1.5	<1.1	150	<1.2								
26-Jun-15	<2.5	<2.5	<2.5	<8.0	<5.0	140									
2-Dec-15	<2.5	<2.5	<2.5	<8.0	<5.0	130	<2.5								
23-Feb-16	3.2	0.27	0.8	1.37	0.73	120	<1.0								
31-May-16	1.3	0.59	2.3	2.5	1.85	110	<0.90								
5-Aug-16	1.9	1.0	4.3	4.3	2.61	120	<0.90								
24-Feb-17	1.5	<0.30	0.94	<0.90	0.4	110	<0.70								
27-Jul-17	1.3	0.45	4.7	1.5	1.2	120	1.1								
Top of Casing = 875.46 ft MSL															
									0.46	23			2.09	7.72	218
															855.21
															855.03
															854.81
															855.63
															854.66
															855.20
															855.24
															855.13
															855.16
															855.96
															855.78
															855.90
															855.07
															854.92
															855.68
															854.53
															852.94
															856.89
															855.03
															856.88
															857.58

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

Units	Benzene	Toluene	Ethy-benzene	Total Xylenes	Total methyl-benzenes	Total Tri-methyl-benzenes	Methyl-tert-butyl-ether	Naphthalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP mV	Water Level MSL
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mV	
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5							858.82
NR 140 ES	5	800	700	10000	480	60	100	15							859.01
MW-8															857.57
6-Apr-07	1500	<25	470	840	440	1000	140								858.77
19-Sep-07	42	<0.50	13	4.01	8.3	33	5.8								859.14
28-Feb-08	150	1.1	46	2.1	63	160	48								858.74
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8								860.38
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								859.85
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50								860.90
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<1.0	<0.40								861.79
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<1.0	<0.60								862.58
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	0.75	<0.50								863.43
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50								864.28
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50								865.13
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2								865.98
9-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2								866.83
26-Jun-15	Elevation measurement only														867.68
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	<0.30	<0.70								868.53
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90								869.38
MW-8P															869.50
9-Dec-14	0.59	<0.50	<0.50	<1.5	<1.1	210	<0.50								869.90
26-Jun-15	<5.0	<5.0	<5.0	<16.0	<10.0	380									870.79
12-Aug-15	<10	<10	<10	<32	<20	540	<10								871.64
2-Dec-15	<10	<10	<10	<32	<20	730	<10								872.50
23-Feb-16	<1.5	<1.4	<1.5	<5.0	<3.0	680	<5.0								873.35
31-May-16	0.99	0.58	0.71	0.4	0.64	790	<0.90								874.20
5-Aug-16	0.99	0.58	0.73	1.4	0.62	970	<0.90								875.05
24-Feb-17	0.79	<0.30	<0.30	<0.90	<0.80	810	<0.70								875.90
27-Jul-17	0.63	<0.40	<0.40	<1.20	<0.80	950	<0.90								876.75
MW-9P															877.60
9-Dec-14	<0.25	<0.50	<0.50	<1.50	<1.1	1.5	<0.50								878.45
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	6.3									879.30
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	3.5	<0.50								880.15
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	4.5	<0.50								881.00
23-Feb-16	<0.30	<0.27	<0.30	<1.0	<0.60	5.9	<1.0								881.85
31-May-16	<0.40	0.49	<0.40	<1.20	0.46	7.4	<0.90								882.70
5-Aug-16	<0.40	0.5	0.63	1.32	0.55	8.4	<0.90								883.55
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	11	<0.70								884.40
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	11	<0.90								885.25

Top of Casing = 877.23 ft MSL

Top of Casing = 876.53 ft MSL

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

Units	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total methyl-benzenes	Total Tri-Methyl-butyl-ether	Methyl-tert-Naphthalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP mV	Water Level MSL
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mV		
NR 140 PAL	0.5	160	140	1000	96	12	10							851.65
NR 140 ES	5	800	700	10000	480	60	100	1.5	15					852.09
MW-10P	9-Dec-14 26-Jun-15 12-Aug-15 2-Dec-15 23-Feb-16 31-May-16 5-Aug-16 24-Feb-17 27-Jul-17	6.7 8.0 <0.50 7.1 7.6 7.6 7.7 6.0 5.2	<0.50 <0.50 <0.50 <0.50 <0.27 0.52 0.52 <0.30 <0.40	<0.50 <0.50 <0.50 <0.50 <0.30 0.58 0.61 <0.30 <0.40	<1.5 <1.60 <1.60 <1.60 <1.0 <1.20 0.85 <0.30 <0.40	<1.1 <1.0 <1.0 <1.0 <1.0 <1.20 0.61 <0.90 <1.20	<1.1 69 28 200 <0.60 0.53 0.57 <0.80 <0.80	150	<0.50					848.16
														851.16
														850.16
														852.51
														850.59
														852.82
														852.49
MW-11P	12-Aug-15 2-Dec-15 23-Feb-16 31-May-16 5-Aug-16 24-Feb-17 27-Jul-17	<0.50 <0.50 <0.30 <0.40 <0.40 <0.24 <0.40	<0.50 <0.50 <0.27 <0.40 <0.40 <0.30 <0.40	<0.50 <0.50 0.32 <0.40 0.66 <0.30 <0.40	<1.60 <1.60 1.54 <1.20 1.7 0.58 <0.90 <1.20	<1.0 <1.0 0.42 0.45 0.52 0.53 0.57 <0.80 <0.80	2.7 2.8 4.5 5.2 5.3 4.2 3.4 <0.90							855.91
														856.01
														856.76
														857.08
														849.95
														853.54
														855.07
MW-12P	12-Aug-15 2-Dec-15 31-May-16 24-Feb-17 21-Jul-17	<0.50 <0.50 0.45 <0.40 <0.50	<0.50 <0.50 <0.40 <0.40 <0.50	<0.50 <0.50 <0.40 <0.40 <1.60	<1.60 <1.60 1.60 <1.20 <1.0	<1.0 1.42 0.45 0.52 <1.0	2.7 2.8 4.5 5.2 5.3	<0.50 <0.50 <1.0 <0.90 <0.90						856.65
														856.35
														858.18
MW-13P	12-Aug-15 2-Dec-15 23-Feb-16 31-May-16 5-Aug-16 24-Feb-17 27-Jul-17	0.94 <0.50 <0.30 0.50 0.49 <0.24 <0.40	<0.50 <0.50 <0.27 <0.40 <0.40 <0.30 <0.40	<0.50 <0.50 0.32 <0.40 0.76 <0.30 <0.40	<1.60 <1.60 1.54 <1.20 2.13 0.90 <1.20	<1.0 0.72 <0.60 0.49 1.2 0.80 0.80	140 5.5 3.1 4.6 4.7 3.4 5.7	<0.50 <0.50 <1.0 <0.90 <0.90 <0.70 <0.90						843.05
														846.23
														847.50
														846.74
														843.44
														847.27
														847.85
North Side - Shallow	Driven point in creek valley, east of creek and north of Chauncey Street, bottom of screen at 4.94 feet below ground surface													
2-Dec-15 27-Jul-17	<0.50 <0.40	<0.50 <0.40	<0.50 <0.40	<1.60 <1.20	<1.60 <0.80	<1.0 0.76	<0.50 <0.50							
North Side - Deeper	Driven point in creek valley, east of creek and north of Chauncey Street, bottom of screen at 7.80 feet below ground surface													
2-Dec-15 27-Jul-17	<0.50 <0.40	<0.50 <0.40	<0.50 <0.40	<1.60 <1.20	<1.60 <0.80	<1.0 0.76	<0.50 <0.50							

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

	Benzene	Toluene	Ethy-benzene	Total Xylenes	Total methyl-benzenes	Methyl-buty-ether	Total Tri-methyl-butenes	Methyl-tert-butyl-ether	Naphthalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level MSL
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mV	mV	
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5								
NR 140 ES	5	800	700	10000	480	60	100	15								
South Side - Shallow																
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50	<0.50								
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.40	<0.40								
South Side - Deeper																
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50	<0.50								
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.40	<0.40								
Driven point in creek valley, east of creek and south of Chauncey Street, bottom of screen at 4.96 feet below ground surface																
Village Hall																
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60	<0.60								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90	<0.90								
128 S. Oxford																
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.40	<0.60	<0.60								
Roos 2" well used for yard watering and laundry																
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.40	<0.60	<0.60								
128 S. Oxford																
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60	<0.60								
5-Jan-12	<0.25	<0.26	<0.22	<0.39	<0.44	<0.23	<0.50	<0.50								
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50	<0.50								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90	<0.90								
129 S. Oxford																
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60	<0.60								
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60	<0.60								
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50	<0.50								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90	<0.90								
209 S. Oxford																
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60	<0.60								
5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50	<0.50								
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50	<0.50								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90	<0.90								
229 S. Oxford																
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60	<0.60								
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50								
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50	<0.50								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90	<0.90								
219 W. Chauncey																
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.60	<0.60								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90	<0.90								
205 W. Chauncey																
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.60	<0.60								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90	<0.90								

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

		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total benzenes	Methyl-methyl-butyl-ether	Total Tri-methyl-butyl-ether	Methyl-tert-butyl-ether	Naphthalene	Lead	Total Nitrates	Total Sulfate	Total Dissolved Oxygen	pH	ORP	Water Level MSL
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mV	mV	
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5									
NR 140 ES	5	800	700	10000	480	60	100	15									
147 W. Chauncey 26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50											
138 W. Chauncey 26-Oct-09 29-Nov-12 31-Mar-14 27-Jul-17	<0.16 <0.40 <0.50 <0.40	<0.20 <0.50 <0.50 <0.40	<0.28 <0.50 <0.50 <0.40	<0.50 <1.7 <1.50 <1.20	<0.24 <1.0 <1.10 <0.80	<0.23 <0.40 <0.40 <0.40	<0.60 <0.60 <1.2 <0.90										
131 W. Chauncey 26-Jun-15 28-Jul-17	<0.50 <0.40	<0.50 <0.40	<0.50 <0.40	<1.60 <1.20	<1.0 <0.80	<0.50 <0.40	<0.50 <0.40	<0.50 <0.40	<0.50 <0.40	<0.50 <0.40	<0.60 <0.90						
120 W. Chauncey 26-Oct-09 28-Jul-17	<0.16 <0.40	<0.20 <0.40	<0.28 <0.40	<0.50 <1.20	<0.24 <0.80	<0.24 <0.40	<0.23 <0.40	<0.23 <0.40	<0.23 <0.40	<0.60 <0.90							
223 Franklin 26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.24	<0.23	<0.23	<0.23	<0.60							
229 S. Franklin 26-Oct-09 28-Jul-17	<0.16 <0.40	<0.20 <0.40	<0.28 <0.40	<0.50 <1.20	<0.24 <0.80	<0.24 <0.40	<0.23 <0.40	<0.23 <0.40	<0.23 <0.40	<0.60 <0.90							
128 W. Vallette 15-Nov-05 26-Oct-09 16-Feb-12 29-Nov-12 31-Dec-13 28-Jul-17	<0.21 <0.16 vacant, for sale vacant, for sale <0.50 <0.40	<0.23 <0.20 <0.28 <0.50 <0.40	<0.10 <0.28 <0.50 <0.40 <0.40	<0.22 <0.50 <0.24 <1.40 <1.20	<0.12 <0.24 <0.24 <0.80 <0.80	<0.12 <0.24 <0.24 <0.50 <0.40	<0.12 <0.23 <0.23 <0.50 <0.40	<0.12 <0.23 <0.23 <0.50 <0.40	<0.12 <0.23 <0.23 <0.50 <0.40	<0.15 <0.60 <0.60 <0.50 <0.90							
201 S. Oxford 19-Sep-07 26-Oct-09 23-Aug-12 3-Jun-13 28-Jul-17	<0.12 <0.16 <0.40 <0.50 <0.40	<0.28 <0.20 <0.50 <0.40 <0.40	<0.25 <0.28 <0.50 <0.40 <0.40	<0.40 <0.50 <1.70 <1.40 <1.20	<0.40 <0.50 <1.00 <0.80 <0.80	<0.40 <0.50 <0.40 <0.50 <0.40	<0.40 <0.50 <0.40 <0.50 <0.40	<0.40 <0.50 <0.40 <0.50 <0.40	<0.40 <0.50 <0.40 <0.50 <0.40	<0.25 <0.60 <0.60 <0.50 <0.90							

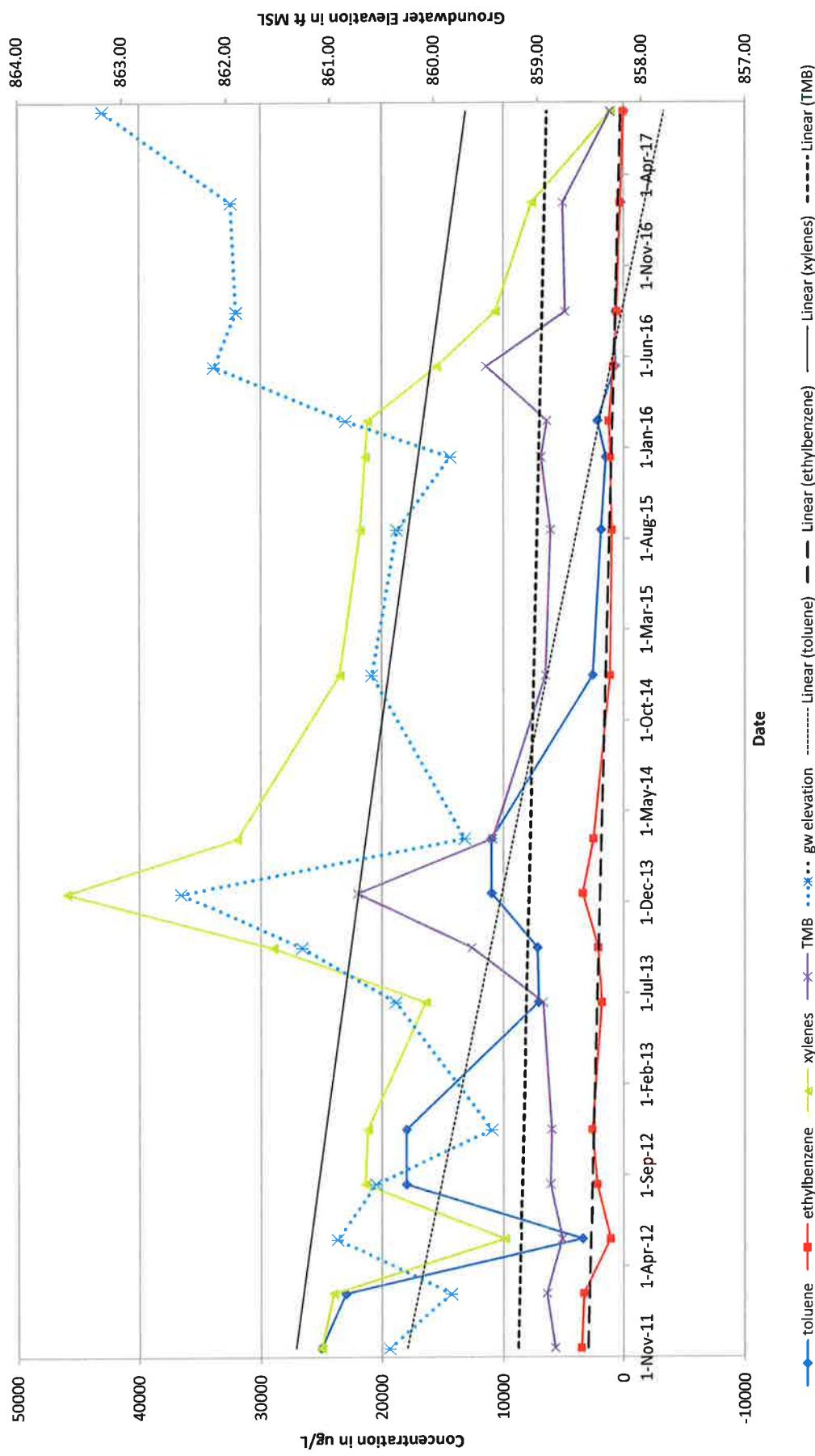
Laboratory Results - Groundwater
Winner's Circle Automotive, Oxford, Wisconsin

Units	Benzene ug/L	Toluene ug/L	Ethy-l- benzene ug/L	Total Xylenes ug/L	Total methyl- benzenes ug/L	Methyl- tert-butyl- ether ug/L	Naph-thalene ug/L	Lead ug/L	Total Nitrates mg/L	Total Sulfate mg/L	Dissolved Oxygen mg/L	pH	ORP mV	Water Level MSL
	0.5	160	140	1000	96	<0.40	<0.40	<0.40	<0.13	<0.25	<0.25	<0.60	<0.50	
NR 140 PAL	5	800	700	10000	480	<0.40	<0.39	<0.44	<0.23	<0.23	<0.23	<0.60	<0.50	
NR 140 ES						<0.40	<0.40	<0.40	<0.23	<0.23	<0.23	<0.60	<0.50	
214 S. Oxford														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.13	<0.25	<0.25	<0.25	<0.25	
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.50	<0.24	<0.24	<0.24	<0.23	<0.60	<0.60	<0.60	<0.60	
5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.39	<0.44	<0.44	<0.44	<0.23	<0.50	<0.50	<0.50	<0.50	
31-Dec-13	vacant, no occupant													
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<0.40	<0.40	<1.2	<1.2	<1.2	<1.2	<1.2	
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.80	<0.80	<0.80	<0.40	<0.90	<0.90	<0.90	<0.90	
209 S. Franklin														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.13	<0.25	<0.25	<0.25	<0.25	
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.50	<0.24	<0.24	<0.24	<0.23	<0.60	<0.60	<0.60	<0.60	
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.80	<0.80	<0.80	<0.40	<0.90	<0.90	<0.90	<0.90	
215 S. Franklin														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.13	<0.25	<0.25	<0.25	<0.25	
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.50	<0.24	<0.24	<0.24	<0.23	<0.60	<0.60	<0.60	<0.60	
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.80	<0.80	<0.80	<0.40	<0.90	<0.90	<0.90	<0.90	
125 W. Vallette														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.13	<0.25	<0.25	<0.25	<0.25	
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.50	<0.24	<0.24	<0.24	<0.23	<0.60	<0.60	<0.60	<0.60	
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<2.50	<2.50	<2.50	<2.50	
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<0.40	<0.40	<1.2	<1.2	<1.2	<1.2	<1.2	
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.80	<0.80	<0.80	<0.40	<0.90	<0.90	<0.90	<0.90	
133 W. Vallette														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.13	<0.25	<0.25	<0.25	<0.25	
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.50	<0.24	<0.24	<0.24	<0.23	<0.60	<0.60	<0.60	<0.60	
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<2.50	<2.50	<2.50	<2.50	
31-Dec-13	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<0.40	<0.40	<1.2	<1.2	<1.2	<1.2	<1.2	
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.80	<0.80	<0.80	<0.40	<0.90	<0.90	<0.90	<0.90	
141 W. Vallette														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.13	<0.25	<0.25	<0.25	<0.25	
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.50	<0.24	<0.24	<0.24	<0.23	<0.60	<0.60	<0.60	<0.60	
5-Jan-12	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<2.50	<2.50	<2.50	<2.50	
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<0.40	<0.40	<1.2	<1.2	<1.2	<1.2	<1.2	
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.80	<0.80	<0.80	<0.40	<0.90	<0.90	<0.90	<0.90	

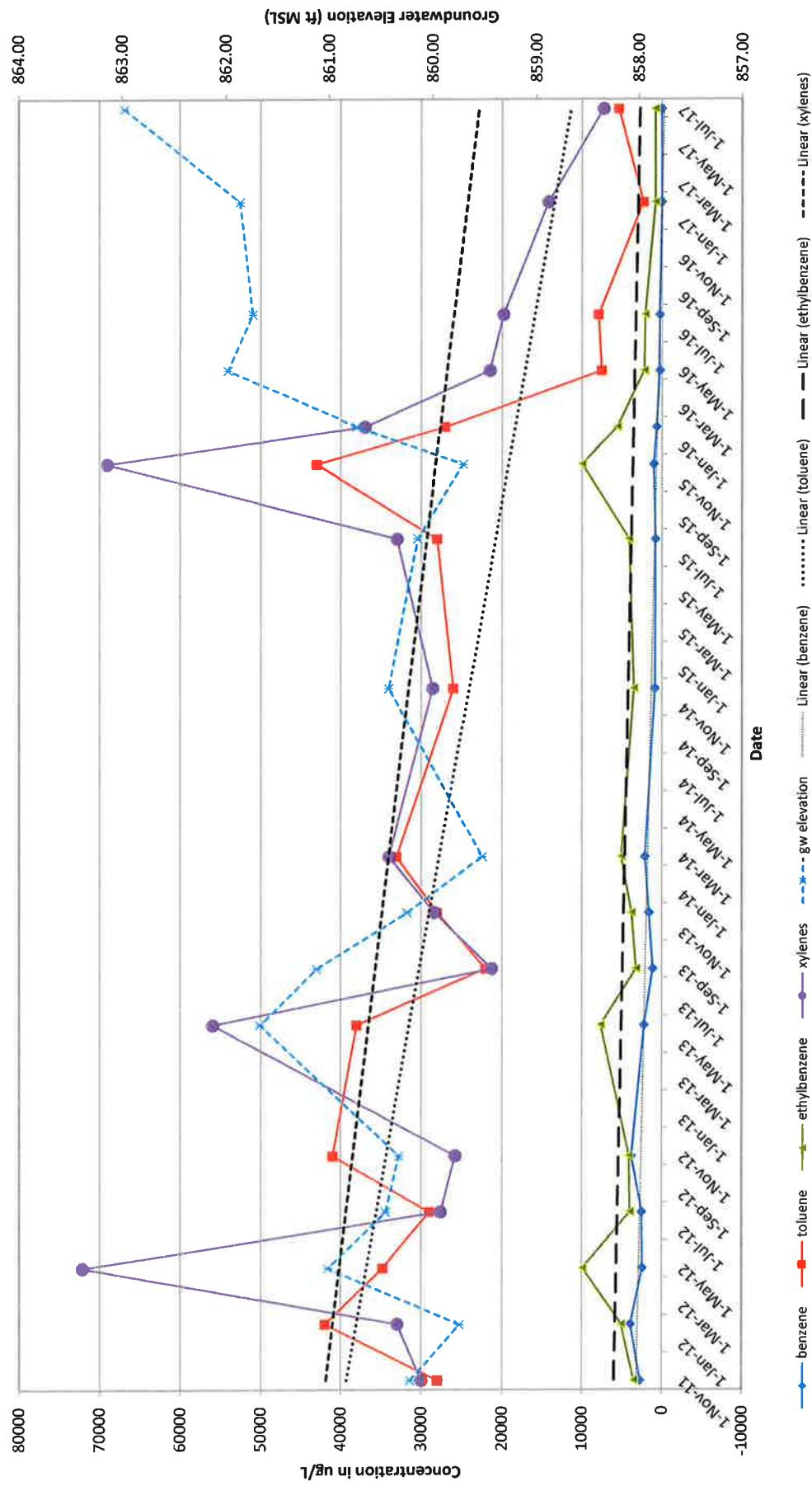
PAL = Wisconsin Administrative Code NR 140 preventive action limit
 ES = Wisconsin Administrative Code NR 140 enforcement standard
 MSL = mean sea level

Values in BOLD exceed NR 140 enforcement standard

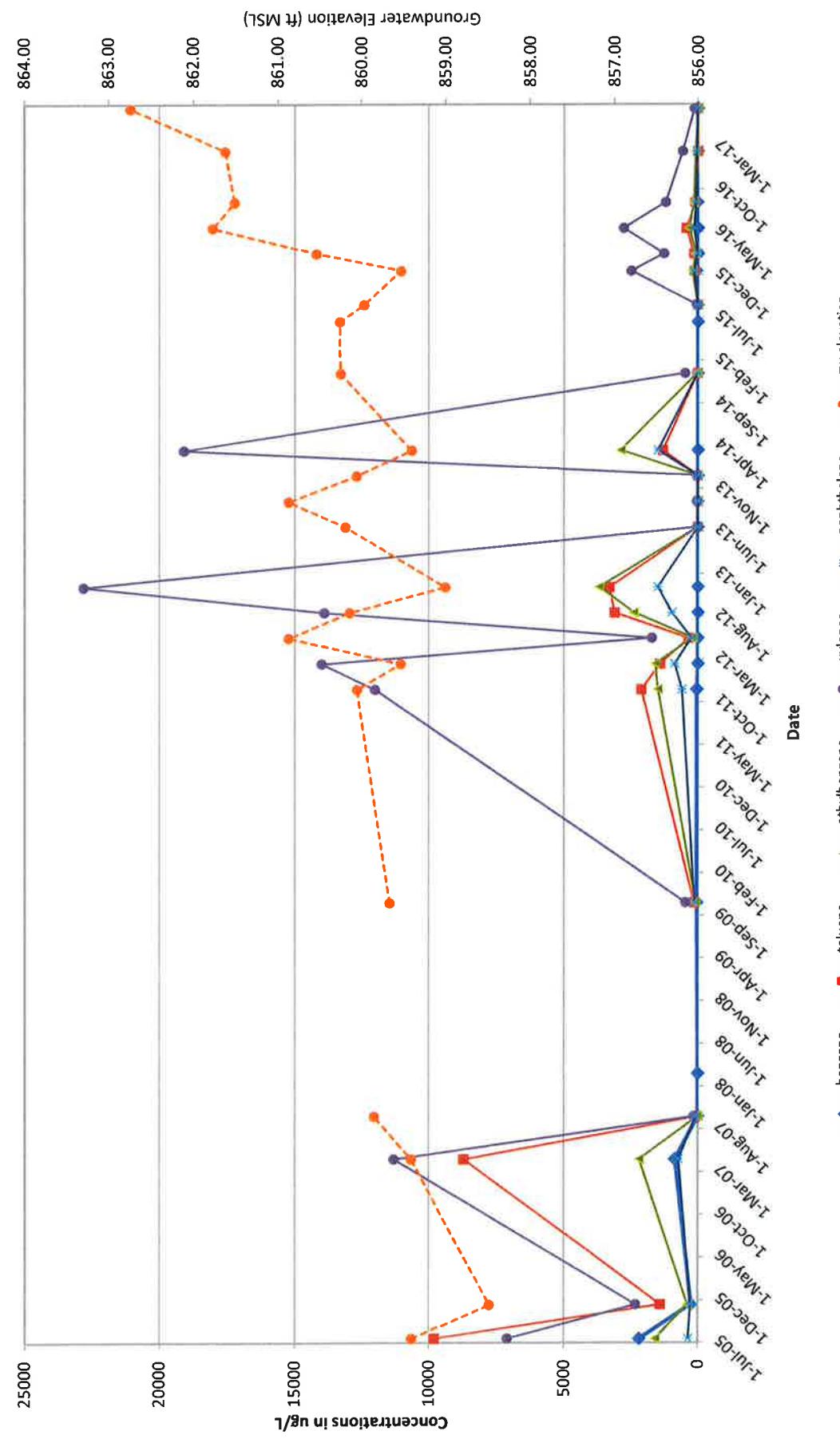
Concentrations at MW-2
Winner's Circle Auto, Oxford, WI



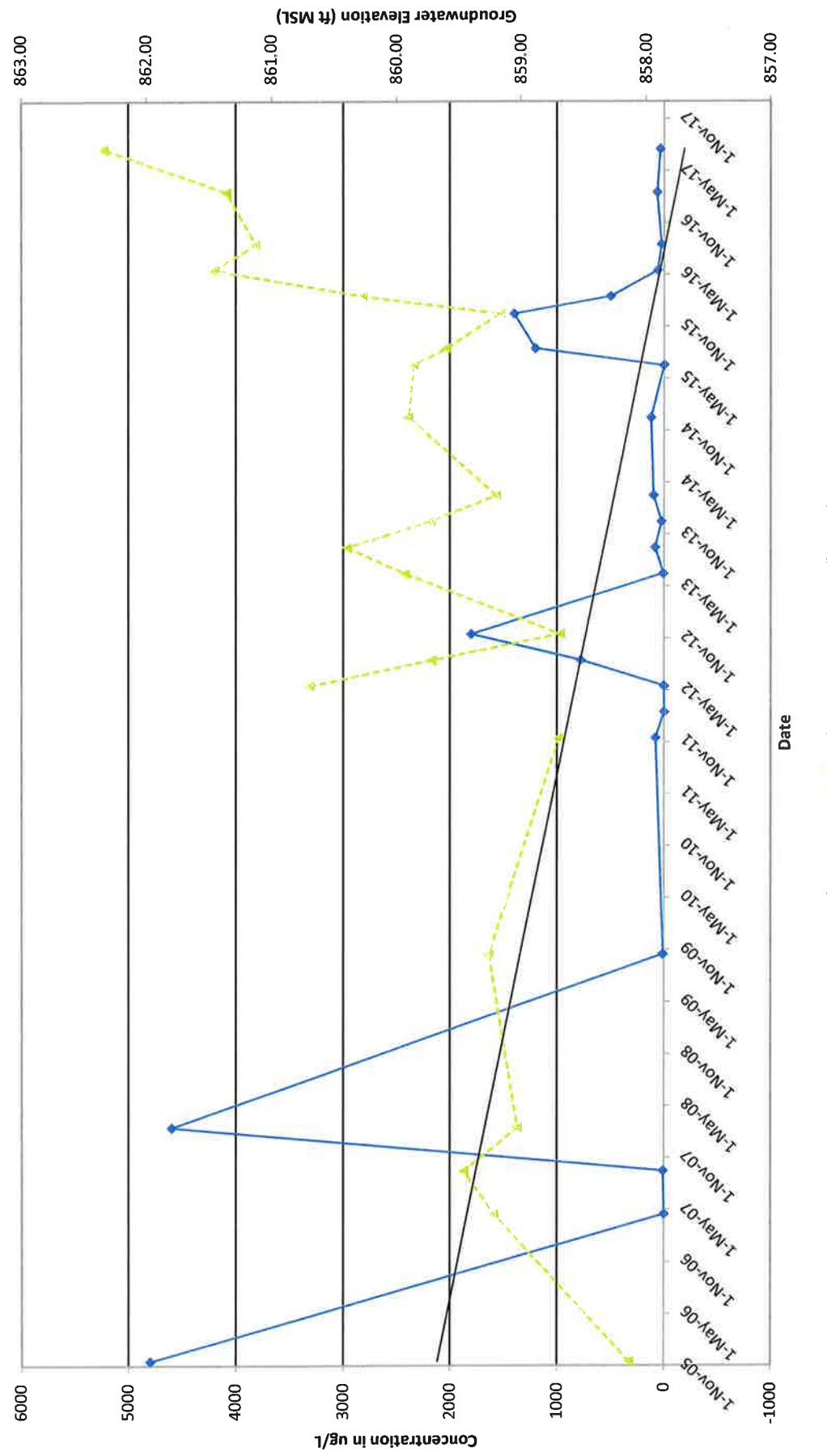
**Concentrations at MW-3
Winner's Circle Auto, Oxford, WI**



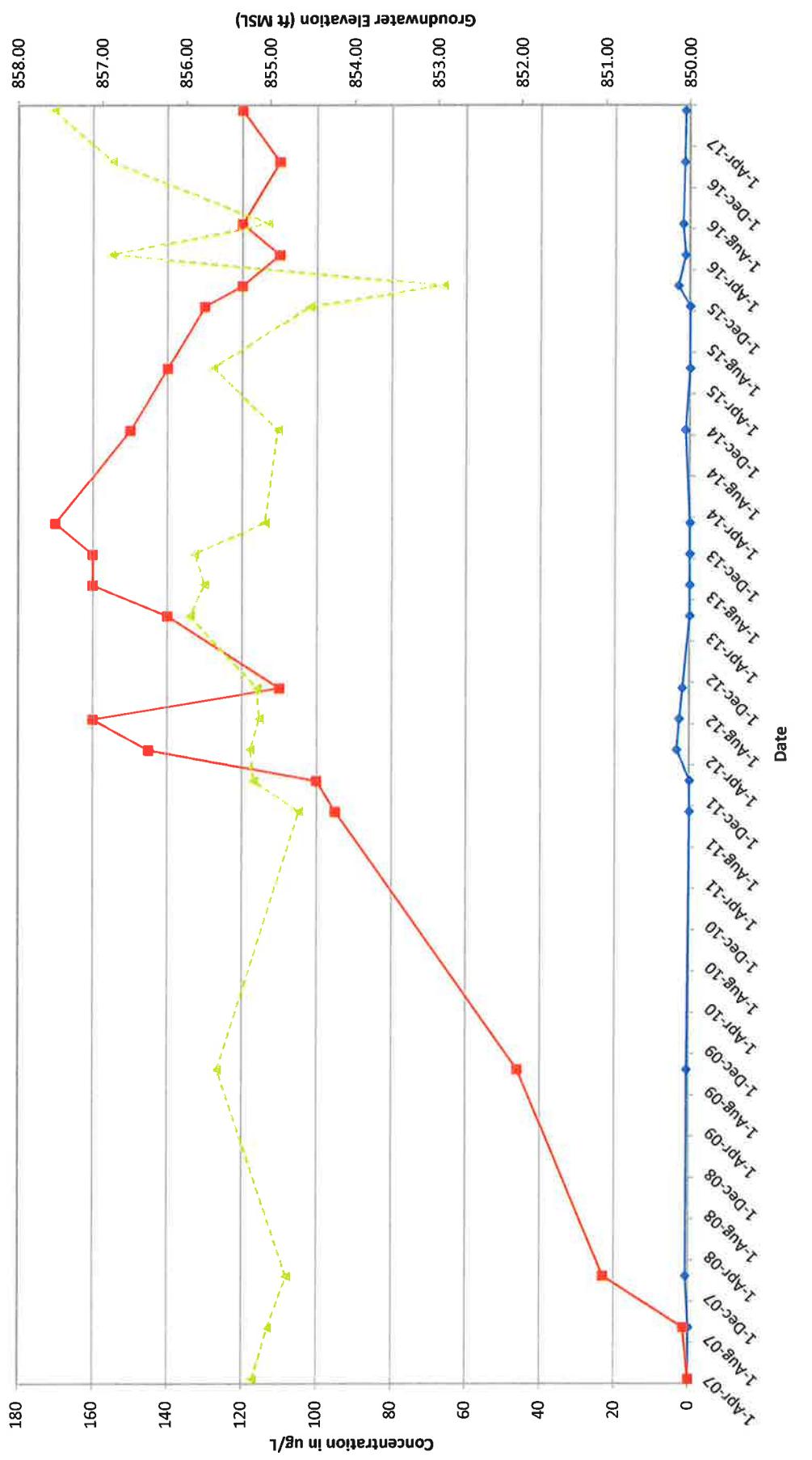
Concentrations at MW-4
Winner's Circle Auto, Oxford, WI



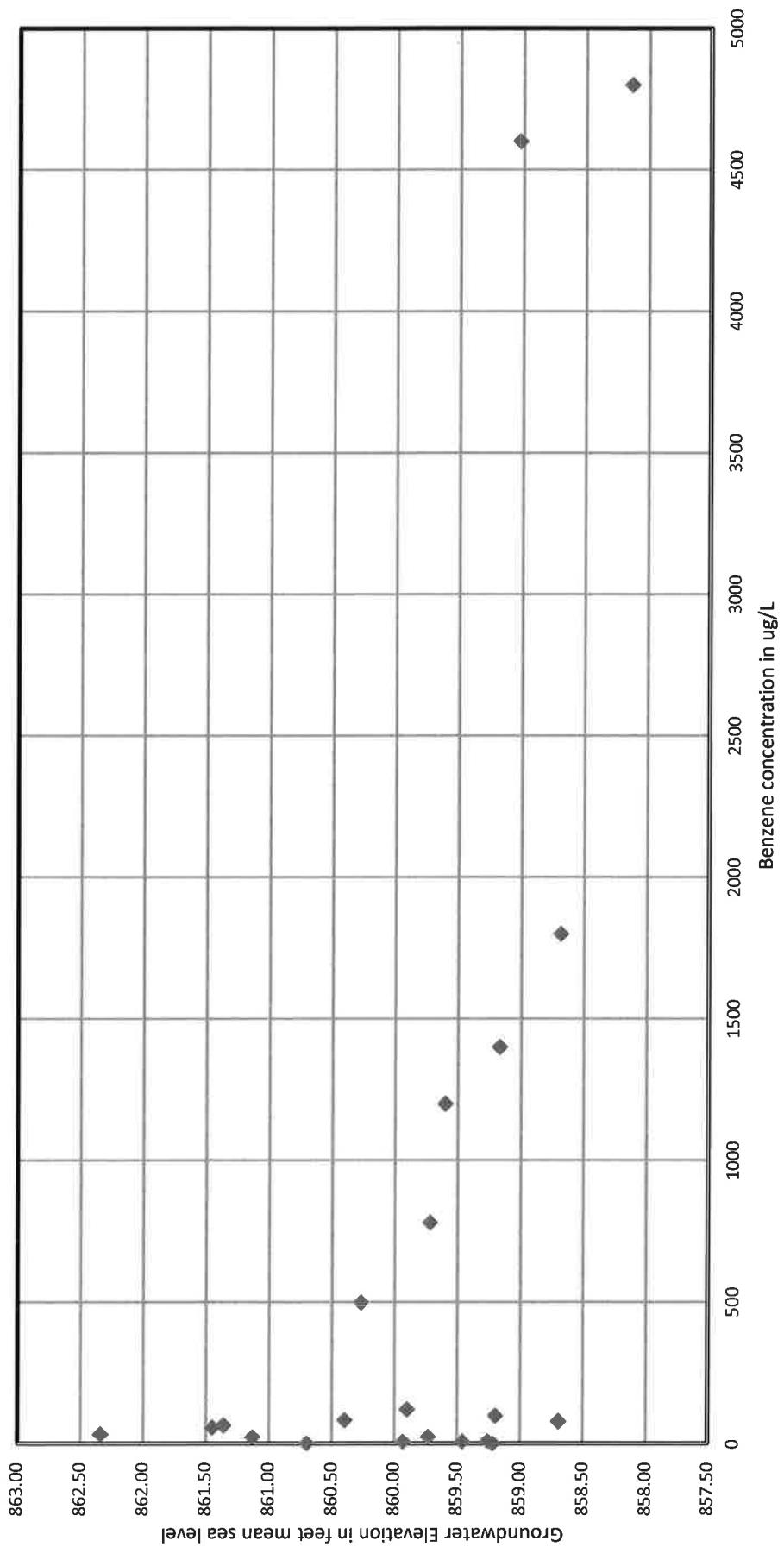
Concentrations at MW-6
Winner's Circle Auto, Oxford, WI



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



MW-6 Benzene Concentration vs. Water Level,
Winner's Circle Auto, Oxford, WI





CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
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ANALYTICAL REPORT

MSA PROFESSIONAL SERVICES

JAYNE ENGLEBERT
1230 SOUTH BLVD
BARABOO, WI 53913

Project Name: WINNERS CIRCLE

Project Phase:

Contract #: 2054

Project #: 213212

Folder #: 129356

Purchase Order #:

CT LAB Sample#: 898616 Sample Description: MW-1

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	15:36	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	15:36	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	15:36	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	15:36	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017	15:36	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/07/2017	15:36	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/07/2017	15:36	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017	15:36	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017	15:36	MDS	EPA 8021B

CT LAB Sample#: 898617 Sample Description: MW-2

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

Sampled: 07/27/2017

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

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 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
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 Page 2 of 22

CT LAB Sample#: 898617 Sample Description: MW-2

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	760	ug/L	10	33	25		08/08/2017 14:51		MDS	EPA 8021B
1,3,5-Trimethylbenzene	400	ug/L	10	35	25		08/08/2017 14:51		MDS	EPA 8021B
Benzene	<10	ug/L	10	33	25		08/08/2017 14:51		MDS	EPA 8021B
Ethylbenzene	37	ug/L	10	35	25		08/08/2017 14:51		MDS	EPA 8021B
m & p-Xylene	540	ug/L	20	70	25		08/08/2017 14:51		MDS	EPA 8021B
Methyl tert-butyl ether	<10	ug/L	10	33	25		08/08/2017 14:51		MDS	EPA 8021B
Naphthalene	120	ug/L	23	73	25		08/08/2017 14:51		MDS	EPA 8021B
o-Xylene	580	ug/L	10	35	25		08/08/2017 14:51		MDS	EPA 8021B
Toluene	12	ug/L	10 *	35	25		08/08/2017 14:51		MDS	EPA 8021B

CT LAB Sample#: 898618 Sample Description: MW-3

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene										
1,3,5-Trimethylbenzene	1600	ug/L	80	260	200		08/08/2017 16:07		MDS	EPA 8021B
Benzene	560	ug/L	80	280	200		08/08/2017 16:07		MDS	EPA 8021B
Ethylbenzene	<80	ug/L	80	260	200		08/08/2017 16:07		MDS	EPA 8021B
m & p-Xylene	850	ug/L	80	280	200		08/08/2017 16:07		MDS	EPA 8021B
Methyl tert-butyl ether	4700	ug/L	160	560	200		08/08/2017 16:07		MDS	EPA 8021B
Naphthalene	>80	ug/L	80	260	200		08/08/2017 16:07		MDS	EPA 8021B
o-Xylene	450	ug/L	180 *	580	200		08/08/2017 16:07		MDS	EPA 8021B
Toluene	2600	ug/L	80	280	200		08/08/2017 16:07		MDS	EPA 8021B
	5400	ug/L	80	280	200		08/08/2017 16:07		MDS	EPA 8021B

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

Sampled: 07/27/2017

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 3 of 22

CT LAB Sample#: 898619 Sample Description: MW-4

Analyte	Result	Units	LOD	LoQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Sampled: 07/27/2017										
1,2,4-Trimethylbenzene	120	ug/L	2.0	6.5	5		08/08/2017	12:58	MDS	EPA 8021B
1,3,5-Trimethylbenzene	40	ug/L	2.0	7.0	5		08/08/2017	12:58	MDS	EPA 8021B
Benzene	<2.0	ug/L	2.0	6.5	5		08/08/2017	12:58	MDS	EPA 8021B
Ethylbenzene	12	ug/L	2.0	7.0	5		08/08/2017	12:58	MDS	EPA 8021B
m & p-Xylene	85	ug/L	4.0	14	5		08/08/2017	12:58	MDS	EPA 8021B
Methyl tert-butyl ether	<2.0	ug/L	2.0	6.5	5		08/08/2017	12:58	MDS	EPA 8021B
Naphthalene	14	ug/L	4.5 *	15	5		08/08/2017	12:58	MDS	EPA 8021B
o-Xylene	51	ug/L	2.0	7.0	5		08/08/2017	12:58	MDS	EPA 8021B
Toluene	<2.0	ug/L	2.0	7.0	5		08/08/2017	12:58	MDS	EPA 8021B
Organic Results										
Sampled: 07/27/2017										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	16:14	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	16:14	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	16:14	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	16:14	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017	16:14	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/07/2017	16:14	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/07/2017	16:14	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017	16:14	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017	16:14	MDS	EPA 8021B

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

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 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 4 of 22

CT LAB Sample#: 898621 Sample Description: MW-6

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	54	ug/L	2.0	6.5	5		08/08/2017 13:35	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	46	ug/L	2.0	7.0	5		08/08/2017 13:35	MDS	EPA 8021B	
Benzene	34	ug/L	2.0	6.5	5		08/08/2017 13:35	MDS	EPA 8021B	
Ethylbenzene	52	ug/L	2.0	7.0	5		08/08/2017 13:35	MDS	EPA 8021B	
m & p-Xylene	200	ug/L	4.0	14	5		08/08/2017 13:35	MDS	EPA 8021B	
Methyl tert-butyl ether	<2.0	ug/L	2.0	6.5	5		08/08/2017 13:35	MDS	EPA 8021B	
Naphthalene	21	ug/L	4.5	15	5		08/08/2017 13:35	MDS	EPA 8021B	
o-Xylene	110	ug/L	2.0	7.0	5		08/08/2017 13:35	MDS	EPA 8021B	
Toluene	200	ug/L	2.0	7.0	5		08/08/2017 13:35	MDS	EPA 8021B	

CT LAB Sample#: 898622 Sample Description: MW-6P

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	<0.40	ug/L	0.40	1.3	1		08/08/2017 11:04	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017 11:04	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/08/2017 11:04	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017 11:04	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/08/2017 11:04	MDS	EPA 8021B	
Methyl tert-butyl ether	39	ug/L	0.40	1.3	1		08/08/2017 11:04	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/08/2017 11:04	MDS	EPA 8021B	

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

Sampled: 07/27/2017

Sampled: 07/27/2017

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 Project Name: WINNERS CIRCLE
 Project #: 213212
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Contract #: 2054
 Folder #: 129356
 Page 5 of 22

CT LAB Sample#:	898622	Sample Description:	MW-6P
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Qualifiers applying to all Analytes of Method EPA 8021B: T

o-Xylene	<0.40	ug/L	0.40	1.4	1					
Toluene	<0.40	ug/L	0.40	1.4	1					

CT LAB Sample#:	898623	Sample Description:	MW-7
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1					
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1					
Benzene	<0.40	ug/L	0.40	1.3	1					
Ethylbenzene	<0.40	ug/L	0.40	1.4	1					
m & p-Xylene	<0.80	ug/L	0.80	2.8	1					
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1					
Naphthalene	<0.90	ug/L	0.90	2.9	1					
o-Xylene	<0.40	ug/L	0.40	1.4	1					
Toluene	<0.40	ug/L	0.40	1.4	1					

CT LAB Sample#:	898624	Sample Description:	MW-7AP
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Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,2,4-Trimethylbenzene	1.2	ug/L	0.40 *	1.3	1					
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Sampled: 07/27/2017

08/07/2017 19:22 MDS EPA 8021B

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 6 of 22

CT LAB Sample#: 898624 Sample Description: MW-7A/P

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 19:22	MDS	EPA 8021B	
Benzene	1.3	ug/L	0.40	1.3	1		08/07/2017 19:22	MDS	EPA 8021B	
Ethylbenzene	4.7	ug/L	0.40	1.4	1		08/07/2017 19:22	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017 19:22	MDS	EPA 8021B	
Methyl tert-butyl ether	120	ug/L	2.0	6.5	5		08/08/2017 12:20	MDS	EPA 8021B	
Naphthalene	1.1	ug/L	0.90 *	2.9	1		08/07/2017 19:22	MDS	EPA 8021B	
o-Xylene	1.5	ug/L	0.40	1.4	1		08/07/2017 19:22	MDS	EPA 8021B	
Toluene	0.45	ug/L	0.40 *	1.4	1		08/07/2017 19:22	MDS	EPA 8021B	

CT LAB Sample#: 898625 Sample Description: MW-8

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/07/2017 20:38	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:38	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/07/2017 20:38	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:38	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017 20:38	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/07/2017 20:38	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/07/2017 20:38	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:38	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:38	MDS	EPA 8021B	

Sampled: 07/27/2017

Sampled: 07/27/2017

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 7 of 22

CT LAB Sample#: 898626 Sample Description: MW-8P

Analyte	Result	Units	LOD	LoQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Sampled: 07/27/2017										

Organic Results

Qualifiers applying to all Analytes of Method EPA 8021B: T

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1					
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1					
Benzene	0.63	ug/L	0.40 *	1.3	1					
Ethylbenzene	<0.40	ug/L	0.40	1.4	1					
m & p-Xylene	<0.80	ug/L	0.80	2.8	1					
Methyl tert-butyl ether	950	ug/L	20	65	50					
Naphthalene	<0.90	ug/L	0.90	2.9	1					
o-Xylene	<0.40	ug/L	0.40	1.4	1					
Toluene	<0.40	ug/L	0.40	1.4	1					

CT LAB Sample#: 898627 Sample Description: MW-9P

Analyte	Result	Units	LOD	LoQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Sampled: 07/27/2017										

Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1					
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1					
Benzene	<0.40	ug/L	0.40	1.3	1					
Ethylbenzene	<0.40	ug/L	0.40	1.4	1					
m & p-Xylene	<0.80	ug/L	0.80	2.8	1					
Methyl tert-butyl ether	11	ug/L	0.40	1.3	1					
Naphthalene	<0.90	ug/L	0.90	2.9	1					

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 8 of 22

CT LAB Sample#: 898627 Sample Description: MW-9P

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017 16:51	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017 16:51	MDS	EPA 8021B	

CT LAB Sample#: 898628 Sample Description: MW-10P

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/07/2017 20:00	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:00	MDS	EPA 8021B
Benzene	5.2	ug/L	0.40	1.3	1		08/07/2017 20:00	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:00	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017 20:00	MDS	EPA 8021B
340	ug/L	8.0	26	20			08/08/2017 14:13	MDS	EPA 8021B
Methyl tert-butyl ether	<0.90	ug/L	0.90	2.9	1		08/07/2017 20:00	MDS	EPA 8021B
Naphthalene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:00	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:00	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017 20:00	MDS	EPA 8021B

CT LAB Sample#: 898629 Sample Description: MW-11P

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 17:29	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/07/2017 17:29	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/07/2017 17:29	MDS	EPA 8021B

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Sampled: 07/27/2017

Sampled: 07/27/2017

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 9 of 22

CT LAB Sample#: 898629 Sample Description: MW-11P

Analyte	Result	Units	LOD	LoQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	17:29	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017	17:29	MDS	EPA 8021B
3.4	ug/L	0.40	1.3	1			08/07/2017	17:29	MDS	EPA 8021B
Methyl tert-butyl ether	<0.90	ug/L	0.90	2.9	1		08/07/2017	17:29	MDS	EPA 8021B
Naphthalene	<0.40	ug/L	0.40	1.4	1		08/07/2017	17:29	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017	17:29	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017	17:29	MDS	EPA 8021B

CT LAB Sample#: 898630 Sample Description: MW-13P

Analyte	Result	Units	LOD	LoQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	18:07	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	18:07	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	18:07	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	18:07	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017	18:07	MDS	EPA 8021B
5.7	ug/L	0.40	1.3	1			08/07/2017	18:07	MDS	EPA 8021B
Methyl tert-butyl ether	<0.90	ug/L	0.90	2.9	1		08/07/2017	18:07	MDS	EPA 8021B
Naphthalene	<0.40	ug/L	0.40	1.4	1		08/07/2017	18:07	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017	18:07	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017	18:07	MDS	EPA 8021B

CT LAB Sample#: 898631 Sample Description: N SHALLOW

Analyte	Result	Units	LOD	LoQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Sampled: 07/27/2017										

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 10 of 22

CT LAB Sample#: 898631 Sample Description: N SHALLOW

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	<0.40	ug/L	0.40	1.3	1		08/08/2017 02:16	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017 02:16	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/08/2017 02:16	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017 02:16	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/08/2017 02:16	MDS	EPA 8021B
Methyl tert-butyl ether	5.4	ug/L	0.40	1.3	1		08/08/2017 02:16	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/08/2017 02:16	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/08/2017 02:16	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/08/2017 02:16	MDS	EPA 8021B

CT LAB Sample#: 898632 Sample Description: N DEEP

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	<0.40	ug/L	0.40	1.3	1		08/07/2017 22:31	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 22:31	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/07/2017 22:31	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017 22:31	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017 22:31	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/07/2017 22:31	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/07/2017 22:31	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017 22:31	MDS	EPA 8021B

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

Sampled: 07/27/2017

1

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 11 of 22

CT LAB Sample#: 898632 Sample Description: N DEEP

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017	22:31	MDS	EPA 8021B

CT LAB Sample#: 898633 Sample Description: S SHALLOW

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/08/2017	11:42	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017	11:42	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/08/2017	11:42	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017	11:42	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/08/2017	11:42	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/08/2017	11:42	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/08/2017	11:42	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/08/2017	11:42	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/08/2017	11:42	MDS	EPA 8021B

CT LAB Sample#: 898634 Sample Description: S DEEP

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
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Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/08/2017	01:39	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017	01:39	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/08/2017	01:39	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017	01:39	MDS	EPA 8021B

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Sampled: 07/27/2017

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/08/2017	11:42	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/08/2017	11:42	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/08/2017	11:42	MDS	EPA 8021B

Sampled: 07/27/2017

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MSA PROFESSIONAL SERVICES
Project Name: WINNERS CIRCLE
Project #: 213212
Project Phase:

Contract #: 2054
Folder #: 129356
Page 12 of 22

CT LAB Sample#: 898634 Sample Description: S DEEP							Sampled: 07/27/2017			
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/08/2017 01:39	08/08/2017 01:39	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/08/2017 01:39	08/08/2017 01:39	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/08/2017 01:39	08/08/2017 01:39	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/08/2017 01:39	08/08/2017 01:39	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/08/2017 01:39	08/08/2017 01:39	MDS	EPA 8021B

Sample Description: TRIP							Sampled: 07/27/2017				
CT LAB Sample#:	Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results											
	1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	14:58	MDS	EPA 8021B
	1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	14:58	MDS	EPA 8021B
	Benzene	<0.40	ug/L	0.40	1.3	1		08/07/2017	14:58	MDS	EPA 8021B
	Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/07/2017	14:58	MDS	EPA 8021B
	m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/07/2017	14:58	MDS	EPA 8021B
	Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/07/2017	14:58	MDS	EPA 8021B
	Naphthalene	<0.90	ug/L	0.90	2.9	1		08/07/2017	14:58	MDS	EPA 8021B
	o-Xylene	<0.40	ug/L	0.40	1.4	1		08/07/2017	14:58	MDS	EPA 8021B
	Toluene	<0.40	ug/L	0.40	1.4	1		08/07/2017	14:58	MDS	EPA 8021B

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
CT LAB Sample#: 898636	Sample Description: VILLAGE HALL								Sampled: 07/27/2017	

Organic Results

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 13 of 22

CT LAB Sample#: 898636 Sample Description: VILLAGE HALL

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 11:59	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 11:59	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 11:59	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 11:59	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 11:59	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 11:59	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 11:59	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 11:59	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 11:59	MDS	EPA 8021B	

CT LAB Sample#: 898637 Sample Description: 128 S OXFORD WELL

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 12:37	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 12:37	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 12:37	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 12:37	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 12:37	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 12:37	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 12:37	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 12:37	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 12:37	MDS	EPA 8021B	

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

Sampled: 07/27/2017

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

CT LABORATORIES

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 14 of 22

CT LAB Sample#: 898638 Sample Description: 129 S OXFORD

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Sampled: 07/27/2017										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	13:15	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:15	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	13:15	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:15	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017	13:15	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017	13:15	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017	13:15	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:15	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:15	MDS	EPA 8021B
Organic Results										
Sampled: 07/27/2017										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	13:52	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:52	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	13:52	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:52	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017	13:52	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017	13:52	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017	13:52	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:52	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017	13:52	MDS	EPA 8021B

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 15 of 22

CT LAB Sample#: 898640 Sample Description: 219 W CHAUNCEY

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 14:31	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 14:31	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 14:31	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 14:31	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 14:31	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 14:31	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 14:31	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 14:31	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 14:31	MDS	EPA 8021B	

CT LAB Sample#: 898641 Sample Description: 205 W CHAUNCEY

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 15:08	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 15:08	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 15:08	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 15:08	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 15:08	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 15:08	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 15:08	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 15:08	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 15:08	MDS	EPA 8021B	

Sampled: 07/27/2017

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 16 of 22

CT LAB Sample#: 898642 Sample Description: 138 W CHAUNCEY

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Sampled: 07/27/2017										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	15:46	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	15:46	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	15:46	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	15:46	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017	15:46	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017	15:46	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017	15:46	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017	15:46	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017	15:46	MDS	EPA 8021B
Organic Results										
Sampled: 07/27/2017										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	16:24	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	16:24	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	16:24	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	16:24	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017	16:24	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017	16:24	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017	16:24	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017	16:24	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017	16:24	MDS	EPA 8021B

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 17 of 22

CT LAB Sample#: 898644 Sample Description: 120 W CHAUNCEY

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 17:02	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:02	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 17:02	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:02	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 17:02	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 17:02	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 17:02	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:02	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:02	MDS	EPA 8021B	

CT LAB Sample#: 898645 Sample Description: 229 S FRANKLIN

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 17:40	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:40	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 17:40	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:40	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 17:40	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 17:40	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 17:40	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:40	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 17:40	MDS	EPA 8021B	

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

Sampled: 07/27/2017

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

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MSA PROFESSIONAL SERVICES
Project Name: WINNERS CIRCLE
Project #: 213212
Project Phase:

Contract #: 2054
Folder #: 129356
Page 18 of 22

CT LAB Sample#: 898646 Sample Description: 128 W VALLETTE

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene										
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	20:49	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	20:49	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017	20:49	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017	20:49	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017	20:49	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017	20:49	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017	20:49	MDS	EPA 8021B

CT LAB Sample#: 898647 Sample Description: 201 S OXFORD

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene										
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	21:26	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	21:26	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017	21:26	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017	21:26	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017	21:26	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017	21:26	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017	21:26	MDS	EPA 8021B

Sampled: 07/27/2017

Organic Results

1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	21:26	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	21:26	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017	21:26	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017	21:26	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017	21:26	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017	21:26	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017	21:26	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017	21:26	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017	21:26	MDS	EPA 8021B

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

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 19 of 22

CT LAB Sample#: 898648 Sample Description: 214 S OXFORD

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 22:04	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:04	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 22:04	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:04	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 22:04	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 22:04	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 22:04	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:04	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:04	MDS	EPA 8021B	
Sampled: 07/27/2017										
Organic Results										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 22:42	MDS	EPA 8021B	
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:42	MDS	EPA 8021B	
Benzene	<0.40	ug/L	0.40	1.3	1		08/09/2017 22:42	MDS	EPA 8021B	
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:42	MDS	EPA 8021B	
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/09/2017 22:42	MDS	EPA 8021B	
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/09/2017 22:42	MDS	EPA 8021B	
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/09/2017 22:42	MDS	EPA 8021B	
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:42	MDS	EPA 8021B	
Toluene	<0.40	ug/L	0.40	1.4	1		08/09/2017 22:42	MDS	EPA 8021B	
Sampled: 07/27/2017										

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

CT LABORATORIES

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MSA PROFESSIONAL SERVICES
 Project Name: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 20 of 22

CT LAB Sample#: 898650 Sample Description: 215 S FRANKLIN

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	Sampled: 07/27/2017
Organic Results											
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1						
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1						
Benzene	<0.40	ug/L	0.40	1.3	1						
Ethylbenzene	<0.40	ug/L	0.40	1.4	1						
m & p-Xylene	<0.80	ug/L	0.80	2.8	1						
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1						
Naphthalene	<0.90	ug/L	0.90	2.9	1						
o-Xylene	<0.40	ug/L	0.40	1.4	1						
Toluene	<0.40	ug/L	0.40	1.4	1						
CT LAB Sample#: 898651 Sample Description: 125 W VALLETTE											
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method	Sampled: 07/27/2017
Organic Results											
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1						
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1						
Benzene	<0.40	ug/L	0.40	1.3	1						
Ethylbenzene	<0.40	ug/L	0.40	1.4	1						
m & p-Xylene	<0.80	ug/L	0.80	2.8	1						
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1						
Naphthalene	<0.90	ug/L	0.90	2.9	1						
o-Xylene	<0.40	ug/L	0.40	1.4	1						
Toluene	<0.40	ug/L	0.40	1.4	1						

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: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 21 of 22

CT LAB Sample#: 898652 Sample Description: 133 W VALLETTE

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Sampled: 07/27/2017										
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/10/2017	00:34	MDS	EPA 8021B
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.4	1		08/10/2017	00:34	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.3	1		08/10/2017	00:34	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.4	1		08/10/2017	00:34	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	2.8	1		08/10/2017	00:34	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/10/2017	00:34	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/10/2017	00:34	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/10/2017	00:34	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/10/2017	00:34	MDS	EPA 8021B
 CT LAB Sample#: 898653 Sample Description: 141 W VALLETTE										
Sampled: 07/27/2017										
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene										
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1		08/10/2017	01:12	MDS	EPA 8021B
Benzene	<0.40	ug/L	0.40	1.4	1		08/10/2017	01:12	MDS	EPA 8021B
Ethylbenzene	<0.40	ug/L	0.40	1.3	1		08/10/2017	01:12	MDS	EPA 8021B
m & p-Xylene	<0.80	ug/L	0.80	1.4	1		08/10/2017	01:12	MDS	EPA 8021B
Methyl tert-butyl ether	<0.40	ug/L	0.40	1.3	1		08/10/2017	01:12	MDS	EPA 8021B
Naphthalene	<0.90	ug/L	0.90	2.9	1		08/10/2017	01:12	MDS	EPA 8021B
o-Xylene	<0.40	ug/L	0.40	1.4	1		08/10/2017	01:12	MDS	EPA 8021B
Toluene	<0.40	ug/L	0.40	1.4	1		08/10/2017	01:12	MDS	EPA 8021B

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: WINNERS CIRCLE
 Project #: 213212
 Project Phase:

Contract #: 2054
 Folder #: 129356
 Page 22 of 22

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
 603-356-2760

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
 Wisconsin (WDNR) Chemistry ID# 157066030
 Wisconsin (DATCP) Bacteriology ID# 105-289
 Louisiana NELAP (primary) ID# ACC20160002
 Illinois NELAP Lab ID# 200073
 Kansas NELAP Lab ID# E-10368
 Virginia NELAP Lab ID# 460203
 Maryland Lab ID# W100061
 ISO/IEC 17025-2005 A2LA Cert # 3806.01
 DoD-ELAP A2LA 3806.01
 GA EPD Stipulation ID ACC20160002
 Pennsylvania NELAP Lab ID# 68-04201, # 008

CHAIN OF CUSTODY

Rev. 02/2017

Company: MSA Professional Services Inc.
Project Contact: John Grieser 2771
Telephone: 208-320-2771
Project Name: Boomers Creek

Project #: J3212
Location: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
Sampled By: Dale Fitzsimmons

Client Special Instructions

Rec'd

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

Collection	Date	Time	Matrix	Grab/ Comp	Sample #	Sample ID Description
	7/29/17		G		1	Mahr 1
					2	Mahr 2
					3	Mahr 3
					4	Mahr 4
					5	Mahr 5
					6	Mahr 6
					7	Mahr 7
					8P	Mahr 7A/P
					9P	Mahr 8
					10P	Mahr 9

1230 Lange Court, Baraboo, WI 53913
Folder #: 129356
Company: MSA PROFESSIONAL SERVICES INC.
Address: Baraboo, WI 53913

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

ANALYSES REQUESTED	Total # Contaminers	Designated MS/MSD	Turnaround Time		Date Needed:
			Normal	RUSH*	
<i>Recess</i>					

Filtred? Y/N

Fill in Spaces with Bottles per Test											
CT Lab ID #	898616										
Lob use only											

Received By: [Signature]

Date/Time: 7/28/17

Received for Laboratory by: [Signature]

Date/Time: 7-29-17 1051

Received by: [Signature]

Date/Time: 7/28/17

Date/Time: 11:28 AM

Date/Time: 7-29-17 1051

Lab Use Only

Ice Present Yes No

Temp 3.1 IR Gun 14

Cooler # 5905

CHAIN OF CUSTODY

Company:	Professional Environmental Laboratories		
Project Contact:	Diane Summers		
Telephone:	608-356-2171		
Project Name:	Summers Creek		
Project #:	12435-L		
Location:	212		
Sampled By:	David Fissimans		
<i>PECSA</i>			

Client Special Instructions
PECSA

Lab Use Only	Place Header Sticker Here:
<i>12435-L</i>	
PO #	

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

ANALYSES REQUESTED									
<i>FEC + fecal</i>									
Filtrated? Y/N									

Total # Containers
Deslignated MS/MSD

Turnaround Time
Normal RUSH*
Date Needed:

Rush analysis requires prior
CT Laboratories' approval

Surcharge:
24 hr 200%
2-3 days 100%
4-9 days 50%

Fill in Spaces with Bottles per Test

Collection	Date	Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	CT Lab ID #									
							Lob use only									
	7/27/17		G			Mw-10P	X	X	X	X	X	X	X	X	X	X
						Mw-11P		X	X	X	X	X	X	X	X	X
						Mw-13P			X	X	X	X	X	X	X	X
						Air-Shallow										
						N-Deep										
						S- Shallow										
						S- Deep										
						3-Deg										
						Trip										

Received By:

John Germann

Date/Time:

7/28/17

Received for Laboratory by:

Bobby

Date/Time:

7-29-17 1051

Lab Use Only

Yes

No

IR Gun

5955

Cooler #

5955

CHAIN OF CUSTODY

Company: Jungle Enlightenment LABORATORIES
 Project Contact: 771-356-2771
 Telephone: 608-356-2771
 Project Name: Business Circle

Project #: 213212Location: EastSampled By: Dario Fitzsimmons

Client Special Instructions

BESTA

Matrix:
 GW - groundwater
 SW - surface water
 WW - wastewater
 M - misc/waste

Matrix:
 S - soil/sediment
 SL - sludge
 A - air

Sample ID Description

Collection Date	Time	Matrix	Grab/ Comp	Sample #	Sample ID	Description	Filter/ed V/N	Total # Containers	Designated MS/MSD	Date Needed:	Turnaround Time
7/28/17	622	G	1	1	1	Village Hall	X	3	848636	Normal	RUSH*
			1	1	1	1285. Oxford	X	3	637		
			1	1	1	129 S. Oxford	X	3	638		
			1	1	1	229 W. Chancery	X	3	639		
			1	1	1	205 W. Chancery	X	3	640		
			1	1	1	1346 W. Chancery	X	3	641		
			1	1	1	131 W. Chancery	X	3	642		
			1	1	1	1201 W. Chancery	X	3	643		
			1	1	1	229 S. Franklin	X	3	644		
			1	1	1	128 W. Vallette	X	3	645		
			1	1	1	201 S. Oxford	X	3	646		
			1	1	1		X	3	647		
										Date/Time	1620
										Date/Time	11:28 AM
										Received By:	<u>Besta</u>
										Received for Laboratory by:	<u>Besta</u>
										Date/Time	7-29-17 1051
										Lab Use Only	No
										Ice Present	<input checked="" type="checkbox"/>
										IR Gun	<input checked="" type="checkbox"/>
										Cooler #	<u>5955</u>

Rev. 02/2017

CHAIN OF CUSTODY

Company: MSA Professional Laboratories
 Project Contact: Linda Englehart
 Telephone: (608) 366-2777
 Project Name: Summers Circle

Project #: A13213
 Location: 205

Sampled By: Don Fitch
 31 minutes

Client Special Instructions

PCCA

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

Collection Date Time Matrix Grab/ Sample Sample ID Description

4/18/17	6:00	6:00	1	1	214 S. Dixie Rd	N X
			1	1	229 S. Franklin	X
			1	1	215 S. Franklin	X
			1	1	125 W. Vellotte	X
			1	1	133 W. Vellotte	X
			1	1	141 W. Vellotte	X

ANALYSES REQUESTED		Designated MS/MSD		Turnaround Time	
		Total # Containers	Date Needed:	Normal RUSH*	
Rush analysis requires prior CT Laboratories' approval				24 hr 200%	
Surcharges:				2-3 days 100%	
				4-9 days 50%	
Filterred? Y/N		CT Lab ID #		Lab use only	
PDC				848 648	
				649	
				656	
				657	
				652	
				653	

Received By:

John Hammons

Date/Time: 7/28/17

PS

Date/Time: 7/29/17

Lab Use Only

Yes

Temp 31

IR Gun

No 14

Cooler # 5755

Received for Laboratory by:

John Hammons

Date/Time: 7/29/17

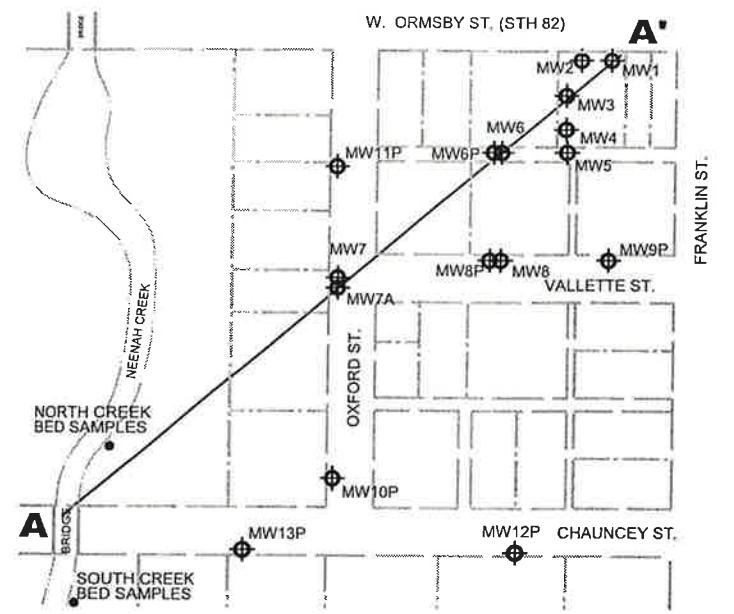
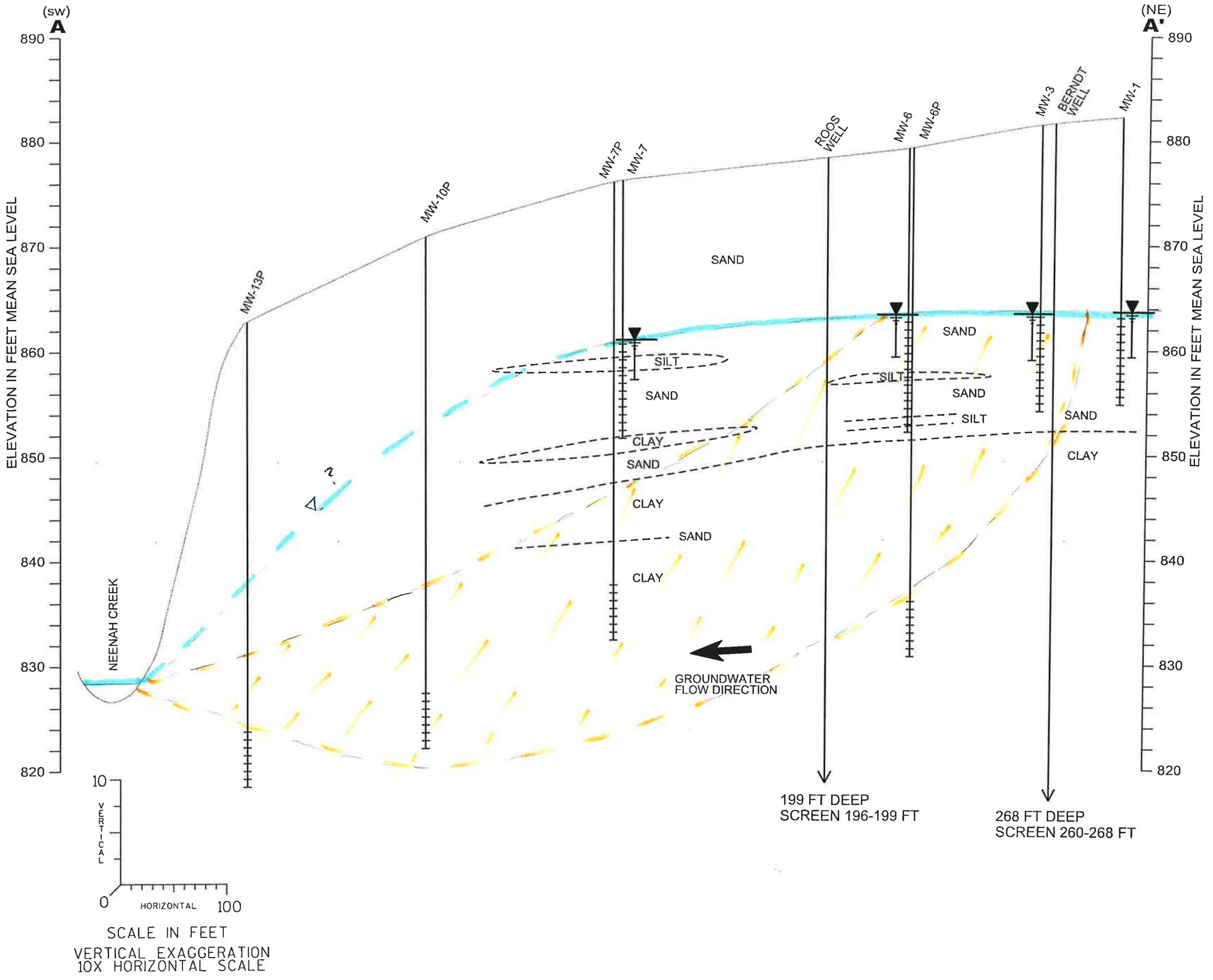


FIGURE B.3.a.1
**GEOLOGIC CROSS SECTION
UPPER UNITS**
WINNER'S CIRCLE AUTO (FMR. TIM'S AUTO)
115 ORMSBY STREET
OXFORD, WISCONSIN

MSA
PROFESSIONAL SERVICES

TRANSPORTATION • MUNICIPAL
DEVELOPMENT • ENVIRONMENTAL
1230 South Boulevard, Baraboo, WI 53913
608-356-2771 1-800-362-4505 Fax: 608-356-2770
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DRAWN BY	CDS	DATE	12-14-17	SHEET	of
CHECKED BY		SCALE	AS NOTED	FILE NO. 213212	