

From: Jayne Englebert <jenglebert@msa-ps.com>
Sent: Thursday, October 17, 2019 4:59 PM
To: Versteegen, Thomas - DNR
Subject: Change Order Request for Winner's Circle Auto, Oxford, WI
Attachments: 00213212 Change Order October 2019.pdf

Hi Tom,
Attached for your review and approval is a change order request for the additional scope of work we discussed on Monday.

Please contact me with questions.

Thanks,
Jayne



Jayne Englebert, PG, CPG | Project Manager, Sr. Project
Hydrogeologist
MSA Professional Services, Inc.
100% Employee Owned
+1 (608) 355-8860





October 17, 2019

Tom Verstegen
Department of Natural Resources
625 East County Road Y, Suite 700
Oshkosh, WI 54901

Re: Change Order Request – One Additional Groundwater Sample Round, SVE System Abandonment, Removal of Trailer, Abandonment of Remediation Wells and Select Groundwater Monitoring Wells
Winner's Circle Auto (Fmr. Tim's Auto), 115 W. Ormsby Street, Oxford, WI
BRRTS # 03-39-168015, PECFA # 53952-0150-15

Dear Tom:

In response to our recent phone conversations, this change order request is for the following scope of work. You approved the costs to prepare a closure request on July 5, 2019, and MSA will proceed with preparing that request. This change order includes the following:

1. One groundwater sample round from select groundwater monitoring wells to monitor for long term trends. I have included the following wells in this sampling: MW-2, MW-3, MW-6, MW-6P, MW-7P, MW-8P, and MW-10P. If you would like additional wells included, please increase the unit quantities for sample collection and laboratory analysis.
2. MSA will do the permanent remediation system shutdown, including disconnection of the system from the header, removal of the electrical connection, electrical pole, and removal of the equipment trailer. This work will be performed during the same visit as the groundwater sampling event, therefore I have not included a full mobilization for this work, but rather an incremental mob/demob.
3. MSA will have Soils and Engineering Services (SES) perform the well abandonments, including all of the remediation wells and select monitoring wells as shown on the attached table. Soils and Engineering Services has agreed to do this work for the PECFA Usual and Customary Rates with the exception of abandonment of three of the remediation wells that are not accessible at the surface as they are under new asphalt pavement in a Village of Oxford alley. These three wells will need to be abandoned by pumping grout from the SVE system header to the wells via the horizontal piping. SES has prepared a request for a variance for the additional costs for this work, attached. Those prices are included as a variance in the attached Usual and Customary Costs Spreadsheet.
4. I have included one change order request for our recent phone discussion to develop this scope of work and preparation of this document.

1230 South Boulevard
Baraboo, WI 53913

P (608) 356-2771
TF (800) 362-4505
F (608) 356-2770

www.msa-ps.com

Therefore, the total cost of this change order request is \$8,742.15.

Contact me with questions or if you need anything else.

Page 2

Tom Verstegen, DNR
October 17, 2019

Sincerely,

MSA Professional Services, Inc.

A handwritten signature in black ink that reads "Jayne A. Englebert". The signature is written in a cursive style with a large initial 'J' and 'E'.

Jayne Englebert, P.G.
Senior Hydrogeologist

Cc: Terry Berndt

Monitoring Well Details - Winner's Circle Auto

Well Number	Diameter	Now wells	Depth	Surface	Comments	Abandon now?
MW-1	2	28	28	asphalt		Yes
MW-2	2		28			No
MW-3	2		28			No
MW-4	2	25	25	asphalt		Yes
MW-5	2	27	27	asphalt		Yes
MW-6	2		27			No
MW-6P	2		50			No
MW-7	2	24	24	asphalt		Yes
MW-7P	2		45			No
MW-8	2	25	25	asphalt		Yes
MW-8P	2		49			No
MW-9P	2	50	50	asphalt	>30 feet of water, needs grouting	Yes
MW-10	2	23	23	asphalt		Yes
MW-10P	2		50			No
MW-11P	2	54	54	asphalt	>30 feet of water, needs grouting	Yes
MW-12P	2				Previously abandoned	
MW-13P	2	46	46	grass	>30 feet of water, needs grouting	Yes
	subtotal	302	579			
N Creek Well Point - Shallow	1.5		5	grass		Yes
N Creek Well Point - Deep	1.5		13	grass		Yes
S Creek Well Point - Shallow	1.5		5	grass		Yes
S Creek Well Point - Deep	1.5		8	grass		Yes
	subtotal		31			
SVE1	4		25	gravel		Yes
SVE2	4		25	gravel		Yes
SVE3	4		25	asphalt	Under pavement, will need grouting	Yes
SVE4	4		25	gravel		Yes
SVE5	4		25	gravel		Yes
SVE6	4		25	asphalt	Under pavement, will need grouting	Yes
SVE7	4		25	gravel		Yes
SVE8	4		25	asphalt	Under pavement, will need grouting	Yes
SVE9	4		25	gravel		Yes
SVE10	4		25	gravel		Yes
	subtotal		250			

Usual and Customary Standardized Invoice #26

July 2019 - December 2019



RR-111a

PECFA #: 53952-0150-15
 BRRTS #: 03-39-168015
 Site Name: Winner's Circle Auto
 Site Address: 115 W. Ormsby St., Oxford

Vendor Name: MSA Professional Services, Inc.
 Invoice #: October 2019 Change Order Request
 Invoice Date: _____
 Check #: _____

U&C Total \$ 7,308.35
 Variance to U&C Total \$ 1,433.80
 Grand Total \$ 8,742.15

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$ 74.62	7	\$ 522.34
1	GW Sampling		GS06	Sample Collection in well w/LNAPL	Well	\$ 90.07		\$ -
1	GW Sampling		GS10	Incremental Sample Collection (natural attenuation)	Well	\$ 49.10		\$ -
1	GW Sampling		GS15	Incremental Sample Collection (cadmium & lead)	Well	\$ 27.04		\$ -
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	\$ 15.14		\$ -
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 690.92	1	\$ 690.92
1	GW Sampling		GS30	Temporary Well Abandonment	Well	\$ 27.80		\$ -
2	O & M Reporting		OMR05	Semi-Annual GW Monitoring (Form 4400-194)	Report	\$ 848.44		\$ -
2	O & M Reporting		OMR10	Semi-Annual GW Monitoring (Form 4400-194) with LNAPL Removal per RR-628	Report	\$ 1,071.66		\$ -
3	LNAPL Assessment & Removal		LAR06	LNAPL Sample Collection (1 per site, unless otherwise direct	Site	\$ 70.30		\$ -
3	LNAPL Assessment & Removal		LAR10	Primary Mob/Demob	Site	\$ 569.88		\$ -
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 141.24		\$ -
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 43.37		\$ -
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 111.39		\$ -
4	Waste Disposal	Commodity	WD17	Landfill Environmental Fee (provide documentation)	ACTUAL COST			
4	Waste Disposal	Commodity	WD20	Free Product	Drum	\$ 122.32		\$ -
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 316.47		\$ -
5	Closure Request		CR05	Primary Closure Request	Submittal	\$ 2,781.00		\$ -
5	Closure Request		CR15	Continuing Obligation Packet Submittal (For Source Property	Packet	\$ 522.58		\$ -
5	Closure Request		CR20	Continuing Obligation Packet Submittal (For off-site Propertie	Per Additional Property	\$ 229.39		\$ -
5	Closure Request		CR25	Closure Request Following SIR	Submittal	\$ 1,287.50		\$ -
5	Closure Request		CR30	PE review and certification of closure packet	Site	\$ 1,129.60		\$ -
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,070.47		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
7	Regulatory Correspondence		RC05	Regulatory Correspondence	Letter/Status Update	\$ 132.81		\$ -
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$ 162.86	1	\$ 162.86
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$ 2.60		\$ -
8	Well Abandonment	Consultant	WAB15	Water column > 30 ft (requires pumping [s. NR 141.25 (2) (d)])	Ft	\$ 9.08		\$ -
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$ 11.14		\$ -
8	Well Abandonment	Consultant	WAB25	Portland Cement (94lb bag)	Bag	\$ 8.44		\$ -
8	Well Abandonment	Consultant	WAB30	Primary Mob/Demob	Site	\$ 398.48		\$ -
8	Well Abandonment	Consultant	WAB31	Primary Mob/Demob w/ vapor point abandonment	Site	\$ 563.48		\$ -
8	Well Abandonment	Consultant	WAB32	Vapor Point Abandonment	Point	\$ 81.58		\$ -
8	Well Abandonment	Commodity	WAB35	Well Abandonment Mob/Demob	Site	\$ 453.81	1	\$ 453.81
8	Well Abandonment	Commodity	WAB40	Well Abandonment (2 inch)	Ft	\$ 5.74	302	\$ 1,733.48
8	Well Abandonment	Commodity	WAB45	Well Abandonment (4 inch)	Ft	\$ 6.71	250	\$ 1,677.50
8	Well Abandonment	Commodity	WAB50	Well Abandonment (6 inch)	Ft	\$ 8.22		\$ -
9	Investigation Workplan Preparation		IWP05	Investigation Workplan Preparation	Report	\$ 1,495.18		\$ -
10	Initial Site Survey	Consultant	IS05	Coordination of Initial Site Survey (features + well elevations)	Survey	\$ 120.70		\$ -
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$ 113.45		\$ -
10	Initial Site Survey	Commodity	IS15	Initial Survey	Survey	\$ 1,206.85		\$ -
11	Potable Well Field Reconnaissance		PWFR05	Potable Well Field Reconnaissance	Site	\$ 601.01		\$ -
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 5.52		\$ -
12	Direct Push	Consultant	DP10	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 6.17		\$ -
12	Direct Push	Consultant	DP15	GW Profiling (No Soil Sampling)	Ft	\$ 2.38		\$ -
12	Direct Push	Consultant	DP20	GW Sample Collection	Each	\$ 37.18		\$ -
12	Direct Push	Consultant	DP25	Temporary Well Installation	Each	\$ 51.40		\$ -
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	\$ 563.31		\$ -
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 7.14		\$ -
12	Direct Push	Commodity	DP40	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 9.30		\$ -
12	Direct Push	Commodity	DP45	GW Profiling (no soil sampling)	Ft	\$ 6.71		\$ -
12	Direct Push	Commodity	DP50	GW Sample Collection (cost for tubing)	Ft	\$ 0.43		\$ -
12	Direct Push	Commodity	DP55	Expendable Drive Point	Each	\$ 14.92		\$ -
12	Direct Push	Commodity	DP60	Borehole Abandonment	Ft	\$ 1.30		\$ -
12	Direct Push	Commodity	DP65	Concrete Penetration	Each	\$ 20.70		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
12	Direct Push	Commodity	DP70	GW Sample Collection	Each	\$ 40.45		\$ -
12	Direct Push	Commodity	DP75	Temporary Well Installation	Ft	\$ 5.41		\$ -
12	Direct Push	Commodity	DP80	Mob/Demob (Includes decon)	Site	\$ 578.66		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.56		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR10	26 - 50 ft bgs	Ft	\$ 5.84		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR15	51 - 75 ft bgs	Ft	\$ 7.52		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$ 652.34		\$ -
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25	Consultant Oversight	Ft	\$ 1.63		\$ -
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR30	Primary Mob/Demob	Site	\$ 555.68		\$ -
13.c	Drilling In Bedrock	Consultant	DR35	Consultant Oversight	Ft	\$ 6.39		\$ -
13.c	Drilling In Bedrock	Consultant	DR40	Primary Mob/Demob	Site	\$ 652.34		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$ 17.20		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR50	26 - 50 ft bgs	Ft	\$ 18.93		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR55	51 - 75 ft bgs	Ft	\$ 22.18		\$ -
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$ 12.33		\$ -
13.f	Drilling In Bedrock	Commodity	DR65	Drilling in Bedrock	Ft	\$ 34.18		\$ -
13.f	Drilling In Bedrock	Commodity	DR70	Bedrock Drilling Setup Charge	Each	\$ 166.88		\$ -
13.f	Drilling In Bedrock	Commodity	DR75	Air Compressor	Day	\$ 439.20		\$ -
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 4.01		\$ -
14	Monitoring Well Installation	Consultant	MWI10	26 - 75 ft bgs	Ft	\$ 2.81		\$ -
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 17.20		\$ -
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 152.06		\$ -
14	Monitoring Well Installation	Commodity	MWI25	Mob/Demob (For development of grout or slurry sealed wells	Site	\$ 603.49		\$ -
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$ 1,059.72		\$ -
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$ 208.73		\$ -
15	Misc. Drilling Activities & Supplies		MDT15	Stickup Well Cover	Each	\$ 168.83		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
15	Misc. Drilling Activities & Supplies		MDT20	Bumper Guard Posts	Each	\$ 71.38		\$ -
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 56.78		\$ -
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	\$ 209.38		\$ -
15	Misc. Drilling Activities & Supplies		MDT30	Well Repair	Well	\$ 86.95		\$ -
15	Misc. Drilling Activities & Supplies		MDT35	Borehole Abandonment	Foot	\$ 5.62		\$ -
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	\$ 75.06		\$ -
15	Misc. Drilling Activities & Supplies		MDT41	Private Utility Locate	ACTUAL COST			\$ -
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 8.22		\$ -
16	Hand Auger Boring		HA05	Hand Augering	Boring	\$ 92.69		\$ -
16	Hand Auger Boring		HA10	Primary Mob/Demob	Site	\$ 611.12		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS05	Sampling	Sample Location	\$ 22.18		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS10	Primary Mob/Demob	Site	\$ 497.70		\$ -
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$ 60.35		\$ -
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$ 718.07		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP05	Soil Boring/Monitoring Well Permit	Permit	\$ 253.50		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee			\$ -
21	Access Agreements		AA05	Access Agreements	Property	\$ 414.00		\$ -
22	Soil Investigation Report		SIR05	Soil Investigation Report	Report	\$ 3,430.85		\$ -
23	Soil And GW Investigation Report		SGIR05	Soil and GW Investigation Report	Report	\$ 5,114.31		\$ -
24	Limited Soil Excavation	Consultant	LSE05	Consultant Oversight for Limited Soil Excavation	Ton	\$ 5.09		\$ -
24	Limited Soil Excavation	Consultant	LSE10	Primary Mob/Demob	Site	\$ 915.11		\$ -
24	Limited Soil Excavation	Commodity	LSE13	Laboratory (see task 24 total on Lab Schedule)	Lab Schedule		0	\$ -
24	Limited Soil Excavation	Commodity	LSE15	Limited Soil Excavation	Ton	\$ 61.80		\$ -
24	Limited Soil Excavation	Commodity	LSE16	Landfill Environmental Fee (provide documentation)	ACTUAL COST			\$ -
25	Remediation System Shut Down		SSD05	Permanent	Site	\$ 1,128.33	1	\$ 1,128.33
25	Remediation System Shut Down		SSD10	Temporary	Site	\$ 339.16		\$ -
25	Remediation System Shut Down		SSD15	Primary Mob/Demob	Site	\$ 520.91		\$ -
27	Claim Submittal		CS05	Claim Submittal	Claim	\$ 603.48		\$ -
28	Standardized Invoice		SI05	Standardized Invoice	Invoice	\$ 18.17		\$ -
30	Meeting With Regulators		MR05	Meeting with Regulators	Meeting	\$ 359.71		\$ -
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 125.09		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule			\$ 250.08
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob	Site	\$ 295.80	1	\$ 295.80
35	Cap Maintenance Plan		CMP05	Cap Maintenance Plan	Plan	\$ 329.64		\$ -
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 393.23	1	\$ 393.23
37	Vapor Point Installation & Sampling		VIS05	Installation & Sampling (up to 5 points)	Point	\$ 510.26		\$ -
37	Vapor Point Installation & Sampling		VIS10	Mob/Demob (up to 5 points)	Site	\$ 813.95		\$ -
Variance	Grout pump				Day	\$ 480.00	1	\$ 480.00
Variance	Grouting of horizontal piping				foot	\$ 5.74	120	\$ 688.80
Variance	Header connections and labor				LS	\$ 265.00	1	\$ 265.00

Usual and Customary Standardized Invoice #26

July 2019 - December 2019 (Interim)



RR-111a

TOTAL LAB CHARGES \$ 250.08 TASK 33 8 \$ 250.08 TASK 24 0 \$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	\$ 46.29		\$ -			
AIR	A2	BETX	SAMPLE	\$ 50.94		\$ -			
AIR	A3	GRO	SAMPLE	\$ 47.48		\$ -			
AIR	A4	VOC's	SAMPLE	\$ 74.09		\$ -			
WATER	W1	GRO/PVOC	SAMPLE	\$ 30.07		\$ -			
WATER	W2	PVOC	SAMPLE	\$ 27.80		\$ -			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 45.10		\$ -			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 31.26	8	\$ 250.08			
WATER	W5	VOC	SAMPLE	\$ 74.09		\$ -			
WATER	W6	PAH	SAMPLE	\$ 75.17		\$ -			
WATER	W7	Lead	SAMPLE	\$ 12.76		\$ -			
WATER	W8	Cadmium	SAMPLE	\$ 13.96		\$ -			
WATER	W9	Hardness	SAMPLE	\$ 12.76		\$ -			
WATER	W10	BOD, Total	SAMPLE	\$ 24.34		\$ -			
WATER	W11	Nitrate	SAMPLE	\$ 11.58		\$ -			
WATER	W12	Total Kjeldahl	SAMPLE	\$ 20.88		\$ -			
WATER	W13	Ammonia	SAMPLE	\$ 17.42		\$ -			
WATER	W14	Sulfate	SAMPLE	\$ 10.50		\$ -			
WATER	W15	Iron	SAMPLE	\$ 10.50		\$ -			
WATER	W16	Manganese	SAMPLE	\$ 10.50		\$ -			
WATER	W17	Alkalinity	SAMPLE	\$ 10.50		\$ -			
WATER	W18	methane	SAMPLE	\$ 47.48		\$ -			
WATER	W19	Phosphorous	SAMPLE	\$ 18.60		\$ -			
WATER	W20	VOC Method 524.2	SAMPLE	\$ 181.59		\$ -			
WATER	W21	EDB Method 504	SAMPLE	\$ 98.31		\$ -			
							MAX COST	SAMPLES	TOTAL
SOILS	S1	GRO	SAMPLE	\$ 25.52		\$ -	\$ 25.52		\$ -
SOILS	S2	DRO	SAMPLE	\$ 31.26		\$ -	\$ 31.26		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.98		\$ -	\$ 28.98		\$ -
SOILS	S4	PVOC	SAMPLE	\$ 26.60		\$ -	\$ 26.60		\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 50.94		\$ -	\$ 50.94		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 37.10		\$ -	\$ 37.10		\$ -
SOILS	S7	VOC	SAMPLE	\$ 74.09		\$ -	\$ 74.09		\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$ 52.13		\$ -	\$ 52.13		\$ -
SOILS	S9	PAH	SAMPLE	\$ 75.17		\$ -	\$ 75.17		\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.76		\$ -	\$ 12.76		\$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
SOILS	S11	Cadmium	SAMPLE	\$ 15.04		\$ -	TASK 24 TOTAL \$ -		
SOILS	S12	Free Liquid	SAMPLE	\$ 11.58		\$ -			
SOILS	S13	Flash Point	SAMPLE	\$ 26.60		\$ -			
SOILS	S14	Grain Size - dry	SAMPLE	\$ 44.02		\$ -			
SOILS	S15	Grain Size - wet	SAMPLE	\$ 59.05		\$ -			
SOILS	S16	Bulk Density	SAMPLE	\$ 13.96		\$ -			
SOILS	S17	Permeability	SAMPLE	\$ 42.83		\$ -			
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$ 20.88		\$ -			
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$ 17.42		\$ -			
SOILS	S20	% Organic Matter	SAMPLE	\$ 30.07		\$ -			
SOILS	S21	TOC as NPOC	SAMPLE	\$ 59.05		\$ -			
SOILS	S22	Soil Moisture Content	SAMPLE	\$ 7.03		\$ -			
SOILS	S23	Air Filled Porosity	SAMPLE	\$ 26.60		\$ -			
SOILS	S24	% Total Solids	SAMPLE	\$ 7.03		\$ -			
SOILS	S25	Field Capacity	SAMPLE	\$ 28.98		\$ -			
SOILS	S26	TCLP Lead	SAMPLE	\$ 85.65		\$ -			
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$ 27.80		\$ -			
SOILS	S28	TCLP Cadmium	SAMPLE	\$ 85.65		\$ -			
SOILS	S29	TCLP Benzene	SAMPLE	\$ 85.65		\$ -			
		Viscosity + Density							
LNAPL	LFPS01	Interfacial tension I (LNAPL/water [dyne/cm])	SAMPLE	\$ 578.17		\$ -			
		Interfacial tension II (LNAPL/air [dyne/cm])							
		Interfacial tension III (water/air) [dyne/cm])							
						TASK 33 TOTAL \$ 250.08			



Soils & Engineering Services, Inc.

October 17, 2019

Proposal 913.4661

Jayne Englebert, P.G., C.P.G.
MSA Professional Services, Inc.
1230 South Boulevard
Baraboo, Wisconsin 53913

Subject: Request for Change Order
Winner's Circle Well Abandonments
Oxford, Wisconsin

Hello Jayne,

As we discussed, we can abandon the 2-inch and 4-inch-diameter wells for you at the Winner's Circle project site in Oxford, Wisconsin. We will abide by the PECFA pricing with the exception of the grouting of three SVE wells which require pumping grout via the header of the SVE system. This grouting will require the use of a grout pump, installation of adaptors to connect with the existing header piping and to force the grout from the header system to the SVE wells, and additional grout for the horizontal 2-inch-diameter piping between the header and the SVE wells. We will charge for the additional equipment and time based on the following unit rates.

- Grout pump, use and clean up \$480.00 per day
- Grouting of 2-inch horizontal piping \$5.74 per foot
- Header connections and labor \$265.00 lump sum

Based on an estimate 120 linear feet of horizontal piping for the three SVE wells, we request a variance of \$1,433.80 related to the abandonment of three SVE wells with grout from the existing SVE header.

Feel free to contact me if you have any questions regarding this request.

Respectfully submitted,

SOILS & ENGINEERING SERVICES, INC.

Duane E. Reichel, PE

DER:JAJ:wsr

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-1	<i>Top of Casing = 882.24 ft MSL</i>													
12-Jul-05	<0.40	<0.40	<0.50	<1.0	<0.50	<0.60	<0.60	<2.4						859.80
15-Nov-05	0.84	0.92	<0.40	1.4	<0.40	<0.40	<1.1	<1.5						858.85
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8				5.75	7.15	22	859.77
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8		8.4	57				860.31
28-Feb-08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8							859.95
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8							860.05
15-Nov-11	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							860.49
16-Feb-12	<0.25	<0.25	<0.22	<0.39	0.37	<0.23	1.7							859.89
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.5							861.02
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60							860.56
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60							859.43
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.43
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							861.24
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.46
31-Mar-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							859.72
10-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							860.64
26-Jun-15	Elevation measurement only													860.55
12-Aug-15	Elevation measurement only													860.40
2-Dec-15	Elevation measurement only													859.92
31-May-16	Elevation measurement only													862.16
5-Aug-16	Elevation measurement only													861.95
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							863.21

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-4	<i>Top of Casing = 879.48 ft MSL</i>													
12-Jul-05	2200	9800	1600	7100	1420	1100	360	26.3						859.41
15-Nov-05	260	1400	400	2340	1080	78	270	17.9						858.49
6-Apr-07	860	8700	2200	11300	3240	<25	730				0.08	6.64	-68	859.41
19-Sep-07	<0.50	1.8	13	159	167	<0.50	83		0.43	22				859.85
28-Feb-08	buried in a snow pile													
26-Oct-09	44	130	88	470	450	<5.0	130							859.66
15-Nov-11	47	2100	1500	12000	3990	<9.2	600							860.05
16-Feb-12	<13	1400	1600	14000	4800	<12	870							859.53
31-May-12	3.58	328	201	1720	1013	3.64	246							860.87
23-Aug-12	<80	3100	2400	13900	3780	<80	980							860.14
29-Nov-12	<80	3300	3700	22800	5100	<80	1500							859.00
3-Jun-13	<0.50	<0.50	<0.40	<1.40	3.0	<0.50	1.9							860.19
30-Sep-13	12	3.0	12	46.7	9.4	<0.50	2.6							860.87
31-Dec-13	<0.50	1.3	0.9	42.6	27	<0.50	5.5							860.06
31-Mar-14	<130	1300	2900	19100	4900	<100	1500							859.40
10-Dec-14	<2.5	8.3	36	490	213	<2.0	23							860.25
26-Jun-15	Elevation measurement only													
12-Aug-15	10	4.7	8.8	31	86	<0.50	17							859.97
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
15-May-18	<0.40	6.0	26	1530	510	<0.40	19							860.41
12-Nov-18	<0.40	<0.40	<0.40	<1.20	1.95	<0.40	<0.90							863.40
25-Feb-19	No sample, buried under a snow bank.													

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-5	<i>Top of Casing = 879.06 ft MSL</i>													
15-Nov-05	1800	640	730	2210	770	680	210	<1.5						858.39
6-Apr-07	240	6.6	190	131	291	70	140							859.32
19-Sep-07	17	<0.50	12	4.3	16.9	4.8	13		1.8	16				859.73
28-Feb-08	11	<0.50	10	<1.0	23.7	3.0	20							859.36
26-Oct-09	4.7	<0.50	16	<1.0	22.9	<0.50	10							859.51
15-Nov-11	0.51	0.97	3.5	7.4	5.26	<0.23	1.7							859.91
16-Feb-12	<0.25	<0.25	<0.22	<0.39	0.26	<0.23	0.6							859.38
31-May-12	<0.25	<0.25	<0.25	<0.25	0.486	<0.25	3.66							860.77
23-Aug-12	1.2	2.1	24	50	30.7	<0.40	15							859.97
29-Nov-12	1.1	2.1	7.4	24	10.5	<0.40	4.6							858.89
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.11
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							860.69
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							859.95
31-Mar-14	0.62	<0.50	2.2	<1.50	2.9	<0.40	5.6							859.31
10-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							860.12
26-Jun-15	Elevation measurement only													860.13
12-Aug-15	<0.50	<0.50	1.0	<1.60	<1.0	<0.50	1.4							859.88
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**

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-6	<i>Top of Casing = 878.75 ft MSL</i>													
15-Nov-05	4800	2600	980	2900	470	750	190	<1.5						858.14
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	2.2	<2.8							859.22
19-Sep-07	7.1	<0.50	<0.50	1.4	0.42	12	<2.8		8.9	13				859.46
28-Feb-08	4600	13000	2100	11000	2150	<50	550							859.03
26-Oct-09	9.3	<0.50	2.4	41	75	<0.50	16							859.26
15-Nov-11	80	310	58	470	164	<2.3	31							858.70
16-Feb-12	well is in a large puddle - did not sample													
31-May-12	1.64	1.3	0.71	21.6	25.1	<0.25	9.01							860.70
23-Aug-12	780	2400	610	3030	740	<20	280							859.72
29-Nov-12	1800	6300	1700	8200	1720	<40	570							858.69
3-Jun-13	7.1	34	5.8	25.9	7.4	<0.50	2.6							859.93
30-Sep-13	83	310	69	320	48	0.53	22							860.40
31-Dec-13	25	5.8	6.5	13.7	6.13	<0.50	5.7							859.73
31-Mar-14	98	6.6	35	106.4	73	<2.0	31							859.20
10-Dec-14	120	450	100	640	184	<4.0	52							859.90
26-Jun-15	Elevation measurement only													
12-Aug-15	1200	11000	1500	11500	2230	<130	480							859.60
2-Dec-15	1400	17000	2600	13900	2560	<130	720							859.17
23-Feb-16	500	3300	510	3500	760	<20	150							860.27
31-May-16	57	260	30	360	100	<4.0	21							861.45
5-Aug-16	24	95	170	1140	400	<20	100							861.13
24-Feb-17	65	120	25	450	180	<3.0	24							861.36
27-Jul-17	34	200	52	310	100	<2.0	21							862.34
15-May-18	15	3.8	3.4	230	100	<2.0	17							860.22
12-Nov-18	1.3	47	11	59	10.3	<0.40	2.4							863.07
25-Feb-19	12	17	7.1	34.5	17.2	<0.40	4.5							861.46
MW-6P	<i>Top of Casing = 878.82 ft MSL</i>													
10-Dec-14	2.0	4.6	0.89	4.2	0.77	10	<0.50							858.96
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	8.6								859.04
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	12	<0.50							858.78
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	30	<0.70							860.27
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	39	<0.90							861.29
15-May-18	<0.40	<0.40	<0.40	<1.20	<0.80	36	<0.90							858.91
31-Jul-18	<0.40	<0.40	<0.40	<1.20	<0.80	37	<0.90							859.29
12-Nov-18	<0.40	<0.40	<0.40	<1.20	<0.80	60	<0.90							861.04
25-Feb-19	<2.0	<2.0	<2.0	<6.0	<4.0	62	<4.5							862.83

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-7A (MW-7P)	<i>Top of Casing = 875.46 ft MSL</i>													
6-Apr-07	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8				2.09	7.72	218	855.21
19-Sep-07	<0.50	<0.50	<0.50	<1.0	<0.50	1.4	<2.8		0.46	23				855.03
28-Feb-08	0.78	<0.50	<0.50	<1.0	<0.50	23	<2.8							854.81
26-Oct-09	0.61	<0.50	<0.50	<1.0	<0.50	46	<2.8							855.63
15-Nov-11	<0.25	<0.25	<0.22	0.46	0.39	95	<0.50							854.66
16-Feb-12	<0.25	<0.25	<0.22	<0.39	0.58	100	<0.50							855.20
31-May-12	3.49	<0.25	<0.25	<0.25	1.04	145	<2.50							855.24
23-Aug-12	2.8	<0.50	1.9	0.65	<1.00	160	0.96							855.13
29-Nov-12	2.0	<0.50	1.7	<1.7	<1.0	110	<0.60							855.16
3-Jun-13	<2.5	<2.5	<2.0	<7.0	<4.0	140	<2.5							855.96
30-Sep-13	<2.5	<2.5	4.2	<7.0	3.2	160	5.7							855.78
31-Dec-13	<2.5	<2.5	<2.0	<7.0	<4.0	160	<2.5							855.90
31-Mar-14	<2.5	<2.5	<2.5	<7.5	<5.5	170	6.8							855.07
9-Dec-14	1.2	<0.50	0.55	<1.5	<1.1	150	<1.2							854.92
26-Jun-15	<2.5	<2.5	<2.5	<8.0	<5.0	140								855.68
2-Dec-15	<2.5	<2.5	<2.5	<8.0	<5.0	130	<2.5							854.53
23-Feb-16	3.2	0.27	0.8	1.37	0.73	120	<1.0							852.94
31-May-16	1.3	0.59	2.3	2.5	1.85	110	<0.90							856.89
5-Aug-16	1.9	1.0	4.3	4.3	2.61	120	<0.90							855.03
24-Feb-17	1.5	<0.30	0.94	<0.90	0.4	110	<0.70							856.88
27-Jul-17	1.3	0.45	4.7	1.5	1.2	120	1.1							857.58
15-May-18	<2.0	<2.0	4.7	<6.0	<4.0	110	<4.5							856.33
12-Nov-18	<2.0	<2.0	6.7	<6.0	<4.0	130	<4.5							857.90
25-Feb-19	<2.0	<2.0	7.5	<6.0	<4.0	170	<4.5							857.59

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-8	<i>Top of Casing = 877.23 ft MSL</i>													
6-Apr-07	1500	<25	470	840	440	1000	140				1.61	7.27	19.36	858.82
19-Sep-07	42	<0.50	13	4.01	8.3	33	5.8		0.34	7.3				859.01
28-Feb-08	150	1.1	46	2.1	63	160	48							857.57
26-Oct-09	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<2.8							858.77
15-Nov-11	<0.25	<0.25	<0.22	<0.39	<0.44	0.46	<0.50							859.14
16-Feb-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							858.74
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							860.38
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60							859.14
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	1.1	<0.60							858.16
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	0.75	<0.50							859.65
30-Sep-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							859.85
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							859.25
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							858.65
9-Dec-14	<0.50	<0.50	<0.50	<1.5	<1.1	<0.40	<1.2							859.43
26-Jun-15	Elevation measurement only													859.50
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	<0.30	<0.70							860.90
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							861.79
MW-8P	<i>Top of Casing = 876.53 ft MSL</i>													
9-Dec-14	0.59	<0.50	<0.50	<1.5	<1.1	210	<0.50							858.65
26-Jun-15	<5.0	<5.0	<5.0	<16.0	<10.0	380								858.72
12-Aug-15	<10	<10	<10	<32	<20	540	<10							858.27
2-Dec-15	<10	<10	<10	<32	<20	730	<10							858.04
23-Feb-16	<1.5	<1.4	<1.5	<5.0	<3.0	680	<5.0							858.92
31-May-16	0.99	0.58	0.71	0.4	0.64	790	<0.90							860.08
5-Aug-16	0.99	0.58	0.73	1.4	0.62	970	<0.90							859.76
24-Feb-17	0.79	<0.30	<0.30	<0.90	<0.80	810	<0.70							860.02
27-Jul-17	0.63	<0.40	<0.40	<1.20	<0.80	950	<0.90							860.88
15-May-18	<20	<20	<20	<60	<40	1100	<45							859.01
31-Jul-18	<20	<20	<20	<60	<40	1100	<45							859.14
12-Nov-18	<20	<20	<20	<60	<40	1000	<45							861.59
25-Feb-19	<20	<20	<20	<60	51	1100	<45							860.67
11-Jul-19	<20	<20	<20	<60	<40	1100	<45							861.40

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-9P	<i>Top of Casing = 875.60 ft MSL</i>													
9-Dec-14	<0.25	<0.50	<0.50	<1.50	<1.1	1.5	<0.50							859.18
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	6.3								858.15
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	3.5	<0.50							858.81
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	4.5	<0.50							858.58
23-Feb-16	<0.30	<0.27	<0.30	<1.0	<0.60	5.9	<1.0							859.44
31-May-16	<0.40	0.49	<0.40	<1.20	0.46	7.4	<0.90							860.66
5-Aug-16	<0.40	0.5	0.63	1.32	0.55	8.4	<0.90							860.33
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	11	<0.70							860.58
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	11	<0.90							861.43
MW-10	<i>Top of Casing = 871.25 ft MSL</i>													
15-May-18	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							858.14
31-Jul-18	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							857.57
12-Nov-18	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							860.03
25-Feb-19	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							858.84
MW-10P	<i>Top of Casing = 870.20 ft MSL</i>													
9-Dec-14	6.7	<0.50	<0.50	<1.5	<1.1	150	<0.50							851.65
26-Jun-15	8.0	<0.50	<0.50	<1.60	<1.0	69								852.09
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	28	<0.50							848.16
2-Dec-15	7.1	<0.50	<0.50	<1.60	<1.0	200	<0.50							851.16
23-Feb-16	7.6	<0.27	<0.30	<1.0	<0.60	240	<1.0							850.16
31-May-16	7.6	0.52	0.58	<1.20	0.53	300	<0.90							852.51
5-Aug-16	7.7	0.52	0.61	0.85	0.57	310	<0.90							850.59
24-Feb-17	6.0	<0.30	<0.30	<0.90	<0.80	280	<0.70							852.82
27-Jul-17	5.2	<0.40	<0.40	<1.20	<0.80	340	<0.90							852.49
15-May-18	<8.0	<8.0	<8.0	<24	<16	330	<18							852.31
31-Jul-18	<8.0	<8.0	<8.0	<24	<16	340	<18							851.53
12-Nov-18	<8.0	<8.0	<8.0	<24	<16	330	<18							853.26
25-Feb-19	<8.0	<8.0	<8.0	<24	<16	370	<18							853.03
11-Jul-19	<8.0	<8.0	<8.0	<24	<16	390	<18							853.55
MW-11P	<i>Top of Casing = 878.00 ft MSL</i>													
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	2.7	<0.50							855.91
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	2.8	<0.50							856.01
23-Feb-16	<0.30	<0.27	0.32	1.54	0.42	4.5	<1.0							856.76
31-May-16	<0.40	<0.40	<0.40	<1.20	0.45	5.2	<0.90							857.08
5-Aug-16	<0.40	<0.40	0.66	1.7	0.58	5.3	<0.90							849.95
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	4.2	<0.70							853.54
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	3.4	<0.90							855.07

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
MW-12P	<i>Top of Casing = 871.79 ft MSL</i>													
12-Aug-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50							856.65
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50							856.35
31-May-16	0.45	<0.40	<0.40	<1.20	0.48	1.5	<0.90							858.18
24-Feb-17	well is damaged, unable to sample													
21-Jul-17	Well destroyed by horizontal drilling, abandoned with bentonite													
MW-13P	<i>Top of Casing = 861.76 ft MSL</i>													
12-Aug-15	0.94	<0.50	<0.50	<1.60	<1.0	140	<0.50							843.05
2-Dec-15	<0.50	<0.50	<0.50	2.49	0.72	5.5	<0.50							846.23
23-Feb-16	<0.30	<0.27	<0.30	<1.0	<0.60	3.1	<1.0							847.50
31-May-16	0.50	<0.40	<0.40	<1.20	0.49	4.6	<0.90							846.74
5-Aug-16	0.49	<0.40	0.76	2.13	1.2	4.7	<0.90							843.44
24-Feb-17	<0.24	<0.30	<0.30	<0.90	<0.80	3.4	<0.70							847.27
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	5.7	<0.90							847.85
15-May-18	<0.40	<0.40	<0.40	<1.20	<0.80	2.8	<0.90							847.13
12-Nov-18	<0.40	<0.40	<0.40	<1.20	<0.80	3.8	<0.90							834.80
25-Feb-19	<0.40	<0.40	<0.40	<1.20	<0.80	4.0	<0.90							844.20
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	<0.50	<0.50	<0.50	<1.60	<1.0	0.76	<0.50							
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	5.4	<0.90							
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	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50							
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
South Side - Shallow	Driven point in creek valley, east of creek and south of Chauncey Street, bottom of screen at 4.96 feet below ground surface													
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50							
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
South Side - Deeper	Driven point in creek valley, east of creek and south of Chauncey Street, bottom of screen at 12.98 feet below ground surface													
2-Dec-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50	<0.50							
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
Village Hall	(former Fire Department)													
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
128 S. Oxford	Roos 2" well used for yard watering and laundry													
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
128 S. Oxford	Roos 6" well used for drinking water													
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
5-Jan-12	<0.25	<0.26	<0.22	<0.39	<0.44	<0.23	<0.50							
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
129 S. Oxford														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.0	<0.40	<0.60							
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
209 S. Oxford														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
229 S. Oxford														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
219 W. Chauncey														
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
205 W. Chauncey														
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
147 W. Chauncey														
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								
138 W. Chauncey														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
29-Nov-12	<0.40	<0.50	<0.50	<1.7	<1.0	<0.40	<0.60							
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							
27-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
131 W. Chauncey														
26-Jun-15	<0.50	<0.50	<0.50	<1.60	<1.0	<0.50								
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
120 W. Chauncey														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
223 Franklin														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
229 S. Franklin														
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
128 W. Vallette														
15-Nov-05	<0.21	<0.23	<0.10	<0.22	<0.12	<0.12	<0.15							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
16-Feb-12	vacant, for sale													
29-Nov-12	vacant, for sale													
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
201 S. Oxford														
19-Sep-07	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
23-Aug-12	<0.40	<0.50	<0.50	<1.70	<1.00	<0.40	<0.60							
3-Jun-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
214 S. Oxford														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							
31-Dec-13	vacant, no occupant													
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
209 S. Franklin														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
215 S. Franklin														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
125 W. Vallette														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							

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

	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Total Tri- methyl- benzenes	Methyl- tert- butyl- ether	Naph- thalene	Lead	Total Nitrates	Total Sulfate	Dissolved Oxygen	pH	ORP	Water Level
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L		mV	MSL
NR 140 PAL	0.5	160	140	1000	96	12	10	1.5						
NR 140 ES	5	800	700	10000	480	60	100	15						
133 W. Vallette														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
31-May-12	<0.25	<0.25	<0.25	<0.25	<0.50	<0.25	<2.50							
31-Dec-13	<0.50	<0.50	<0.40	<1.40	<0.80	<0.50	<0.50							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							
141 W. Vallette														
26-Feb-08	<0.12	<0.28	<0.25	<0.40	<0.40	<0.13	<0.25							
26-Oct-09	<0.16	<0.20	<0.28	<0.50	<0.24	<0.23	<0.60							
5-Jan-12	<0.25	<0.25	<0.22	<0.39	<0.44	<0.23	<0.50							
31-Mar-14	<0.50	<0.50	<0.50	<1.50	<1.10	<0.40	<1.2							
28-Jul-17	<0.40	<0.40	<0.40	<1.20	<0.80	<0.40	<0.90							

PAL = Wisconsin Administrative Code NR 140 preventive action limit

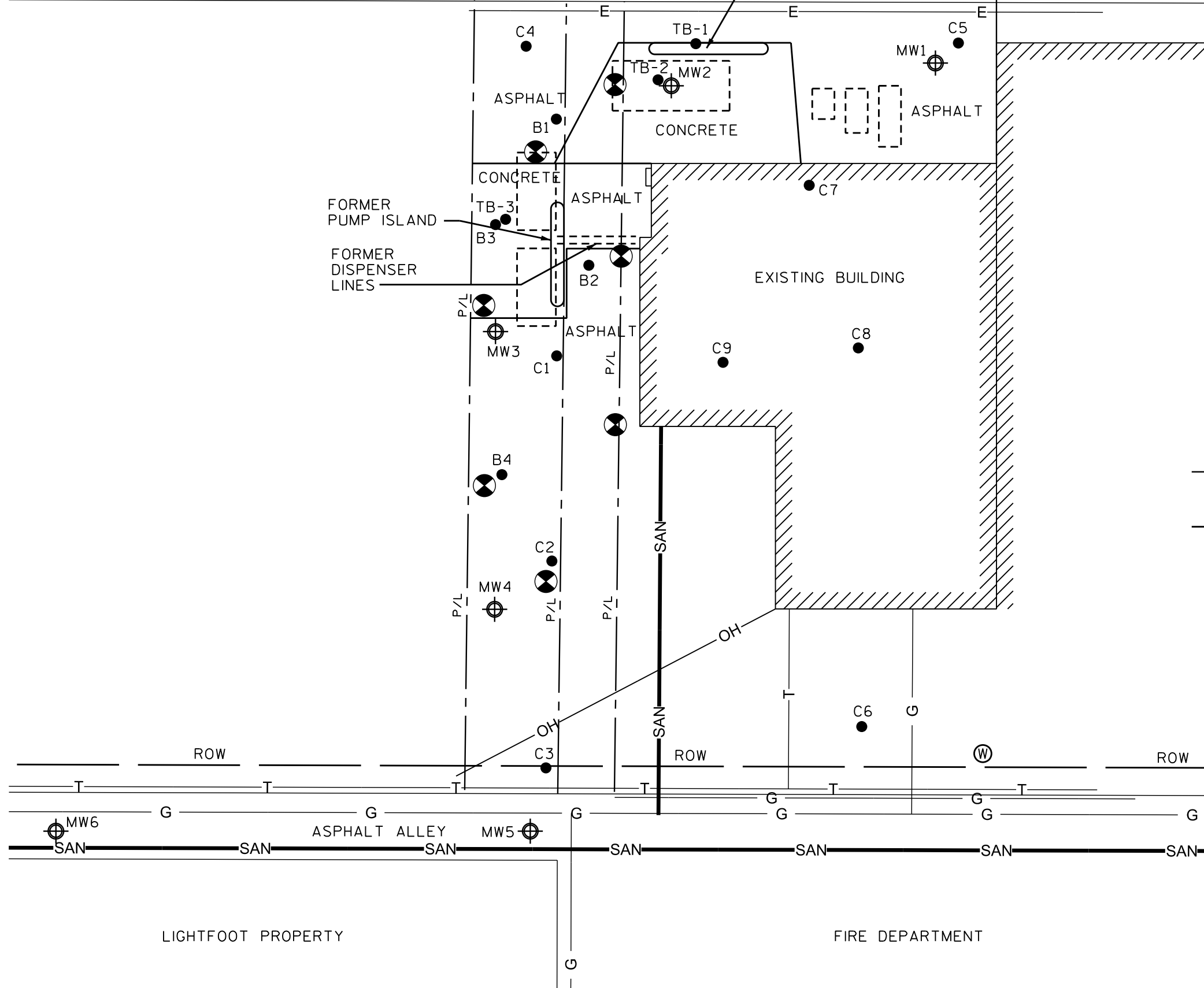
ES = Wisconsin Administrative Code NR 140 enforcement standard

MSL = mean sea level

Values in BOLD exceed NR 140 enforcement standard

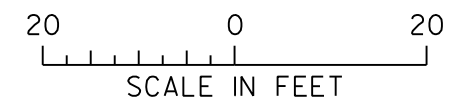
W. ORMSBY STREET (S.T.H. 82)

FORMER PUMP ISLAND



LEGEND

- POTABLE WELL (TYP.)
- SOIL BORING LOCATION (TYP.)
- MONITORING WELL LOCATION (TYP.)
- FORMER UST LOCATION
- NATURAL GAS LINE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- SANITARY SEWER
- APPROXIMATE PROPERTY LINE
- RIGHT-OF-WAY LINE
- SVE WELL (TYP.)



SOIL BORING AND WELL LOCATION MAP
 WINNER'S CIRCLE AUTO
 OXFORD, WISCONSIN

MSA PROFESSIONAL SERVICES
 TRANSPORTATION • MUNICIPAL DEVELOPMENT • ENVIRONMENTAL
 1230 South Boulevard Baraboo, WI 53913
 608-336-2771 1-800-362-4505 Fax: 608-336-2770
 © MSA PROFESSIONAL SERVICES

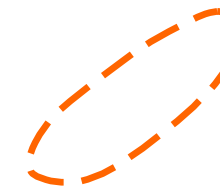
DRAWN BY	TAP	DATE	12-6-17	SHEET	1 OF 1
CHECKED BY		SCALE	AS NOTED	FILE NO.	213212
					sbswmap

12/6/2017 9:29:49 AM

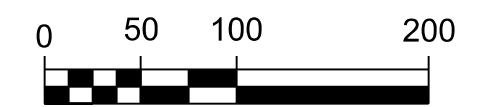
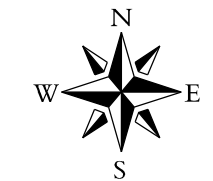
LEGEND



EXISTING MONITORING WELL



EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR140 ENFORCEMENT STANDARDS AS OF FEBRUARY 2019



ATTACHMENT B.3.b

GROUNDWATER ISOCONCENTRATION
 WINNER'S CIRCLE AUTO
 OXFORD, WISCONSIN



TRANSPORTATION • MUNICIPAL
 DEVELOPMENT • ENVIRONMENTAL
 1230 South Boulevard Baraboo, WI 53913
 608-356-2771 F-800-362-4505 Fax: 608-356-2770
 © MSA PROFESSIONAL SERVICES

DRAWN BY	CAR	DATE	4-5-19	SHEET of
CHECKED BY		SCALE	AS NOTED	FILE NO.	B.3.b

DATE
 TIME