

Stoltz, Carrie R - DNR

From: Ken Shimko <kshimko.meridianenv@gmail.com>
Sent: Sunday, May 20, 2018 12:29 PM
To: Stoltz, Carrie R - DNR
Subject: Change Order to add 2 MWs - Jump River - Jim's Bar
Attachments: Field Report May 18, '18.pdf; Aerial 5-19-18.pdf; Jump River GIS.pdf; Topo Map.pdf; Chg Order 2 MWs 5-20-18.pdf

Carrie.

This email follows our phone conversations this past week. I also include a Change Order for installing 2 more water table MWs along the ball-field fence to the northeast of the site. See below and attached.

Drilling Progress

As you know, we have experienced difficulty drilling through the cobble layer which is found at depth interval 10 – 12 feet below grade. We broke 6 sets of shear pins and on Thursday broke the “drive coupler” bolts as well as the shear bolts...we got them fixed in Sheldon but lost ½ day of drilling that day. I estimate the field work is going to take at least an extra day or maybe two due to the difficult drilling.

Even so, we have made progress and are halfway done with the current scope of work. We installed the 3 well nest adjacent (MW-12) to the ballfield and the water table well (MW-13) at the northeast corner of the building (tavern). Both locations are impacted. As we discussed on the phone, it makes sense to install two additional water table MWs further out (northeast along ball field fence – see attached figures and aerial photos) while we are here. Attached is a Change Order for the two proposed wells. I am thinking we will install one well about 100 feet away (NE) from MW-12 and second MW about 100 feet further.

Due to the difficult drilling, we were unable to install 4-inch dia. screens for SVE So we installed 2-inch...this will still work but might require vents be installed closer together.

Cost for Additional Time

We discussed the slow progress and additional time due to the hard drilling...when we finish, I would like to discuss with you whether we could be reimbursed for some of the additional time.

I will call you Monday (tomorrow – 21st) morning about 7 am on my way to the site so we can discuss Change Order.

Thanks

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Usual and Customary Standardized Invoice #23 January 2018- June 2018



RR-092a

PECFA #: 54433-9769-64
 BRRTS #: 03-61-000116
 Site Name: Jim's Bar
 Site Address: Jump River

Vendor Name: Change Order
 Invoice #: Change Order
 Invoice Date: May 21, 2018
 Check #: Change Order

U&C Total \$ 4,801.22
 Variance to U&C Total \$ -
 Grand Total \$ 4,801.22

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
Install two additional water table MWs (25 ft deep: 2 x 25 ft = 50 ft) along ball-field fence (northeast) to define extent impacted GW. Survey. Sample (2x)(PVOC+Naph)								

1	GW Sampling		GS05	Sample Collection	Well	\$ 72.45	4	\$ 289.80
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 108.15	4	\$ 432.60
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$ 110.15	2	\$ 220.30
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.40	50	\$ 270.00
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$ 16.70	50	\$ 835.00
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 3.89	50	\$ 194.50
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 16.70	50	\$ 835.00
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 147.63	2	\$ 295.26
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$ 202.65	2	\$ 405.30
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	\$ 203.28	2	\$ 406.56
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 113.72	1	\$ 113.72
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule		4	\$ 121.40
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78

Variance
 Variance

Usual and Customary Standardized Invoice #23

January 2018- July 2018



RR-092A

TOTAL LAB CHARGES \$ 121.40 TASK 33 4 \$ 121.40 TASK 24 0 \$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	\$ 44.94		\$ -			
AIR	A2	BETX	SAMPLE	\$ 49.46		\$ -			
AIR	A3	GRO	SAMPLE	\$ 46.10		\$ -			
AIR	A4	VOC's	SAMPLE	\$ 71.93		\$ -			
WATER	W1	GRO/PVOC	SAMPLE	\$ 29.19		\$ -			
WATER	W2	PVOC	SAMPLE	\$ 26.99		\$ -			
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 43.79		\$ -			
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 30.35	4	\$ 121.40			
WATER	W5	VOC	SAMPLE	\$ 71.93		\$ -			
WATER	W6	PAH	SAMPLE	\$ 72.98		\$ -			
WATER	W7	Lead	SAMPLE	\$ 12.39		\$ -			
WATER	W8	Cadmium	SAMPLE	\$ 13.55		\$ -			
WATER	W9	Hardness	SAMPLE	\$ 12.39		\$ -			
WATER	W10	BOD, Total	SAMPLE	\$ 23.63		\$ -			
WATER	W11	Nitrate	SAMPLE	\$ 11.24		\$ -			
WATER	W12	Total Kjeldahl	SAMPLE	\$ 20.27		\$ -			
WATER	W13	Ammonia	SAMPLE	\$ 16.91		\$ -			
WATER	W14	Sulfate	SAMPLE	\$ 10.19		\$ -			
WATER	W15	Iron	SAMPLE	\$ 10.19		\$ -			
WATER	W16	Manganese	SAMPLE	\$ 10.19		\$ -			
WATER	W17	Alkalinity	SAMPLE	\$ 10.19		\$ -			
WATER	W18	methane	SAMPLE	\$ 46.10		\$ -			
WATER	W19	Phosphorous	SAMPLE	\$ 18.06		\$ -			
WATER	W20	VOC Method 524.2	SAMPLE	\$ 176.30		\$ -			
WATER	W21	EDB Method 504	SAMPLE	\$ 95.45		\$ -	MAX COST	SAMPLES	TOTAL
SOILS	S1	GRO	SAMPLE	\$ 24.78		\$ -	\$ 24.78		\$ -
SOILS	S2	DRO	SAMPLE	\$ 30.35		\$ -	\$ 30.35		\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.14		\$ -	\$ 28.14		\$ -
SOILS	S4	PVOC	SAMPLE	\$ 25.83		\$ -	\$ 25.83		\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 49.46		\$ -	\$ 49.46		\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 36.02		\$ -	\$ 36.02		\$ -
SOILS	S7	VOC	SAMPLE	\$ 71.93		\$ -	\$ 71.93		\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$ 50.61		\$ -	\$ 50.61		\$ -
SOILS	S9	PAH	SAMPLE	\$ 72.98		\$ -	\$ 72.98		\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.39		\$ -	\$ 12.39		\$ -
SOILS	S11	Cadmium	SAMPLE	\$ 14.60		\$ -			
SOILS	S12	Free Liquid	SAMPLE	\$ 11.24		\$ -			
SOILS	S13	Flash Point	SAMPLE	\$ 25.83		\$ -			
SOILS	S14	Grain Size - dry	SAMPLE	\$ 42.74		\$ -			
SOILS	S15	Grain Size - wet	SAMPLE	\$ 57.33		\$ -			
SOILS	S16	Bulk Density	SAMPLE	\$ 13.55		\$ -			
SOILS	S17	Permeability	SAMPLE	\$ 41.58		\$ -			
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$ 20.27		\$ -			
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$ 16.91		\$ -			
SOILS	S20	% Organic Matter	SAMPLE	\$ 29.19		\$ -			
SOILS	S21	TOC as NPOC	SAMPLE	\$ 57.33		\$ -			
SOILS	S22	Soil Moisture Content	SAMPLE	\$ 6.83		\$ -			
SOILS	S23	Air Filled Porosity	SAMPLE	\$ 25.83		\$ -			
SOILS	S24	% Total Solids	SAMPLE	\$ 6.83		\$ -			
SOILS	S25	Field Capacity	SAMPLE	\$ 28.14		\$ -			
SOILS	S26	TCLP Lead	SAMPLE	\$ 83.16		\$ -			
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$ 26.99		\$ -			
SOILS	S28	TCLP Cadmium	SAMPLE	\$ 83.16		\$ -			
SOILS	S29	TCLP Benzene	SAMPLE	\$ 83.16		\$ -			
		Viscosity + Density							
LNAPL	LFPS01	Interfacial tension I (LNAPL/water [dyne/cm])	SAMPLE	\$ 561.33		\$ -			
		Interfacial tension II (LNAPL/air [dyne/cm])							
		Interfacial tension III (water/air [dyne/cm])							
						TASK 33 TOTAL \$	121.40		

TASK 24 TOTAL \$ -

0 50 100 150ft
DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and the user assumes all responsibility of the user.



Sims Bar

0 P15

012 (HDX)

0 Add

012 (HDX)

08

06

02

01

03

05

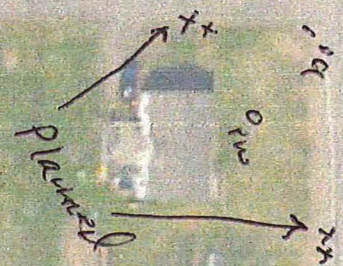
07

04

09

010

04





0 200 400 600
feet
DISCLAIMER: This map is only intended to be
a general guide and does not constitute a
warranty, representation, or responsibility of the
user.

Depth (ft)

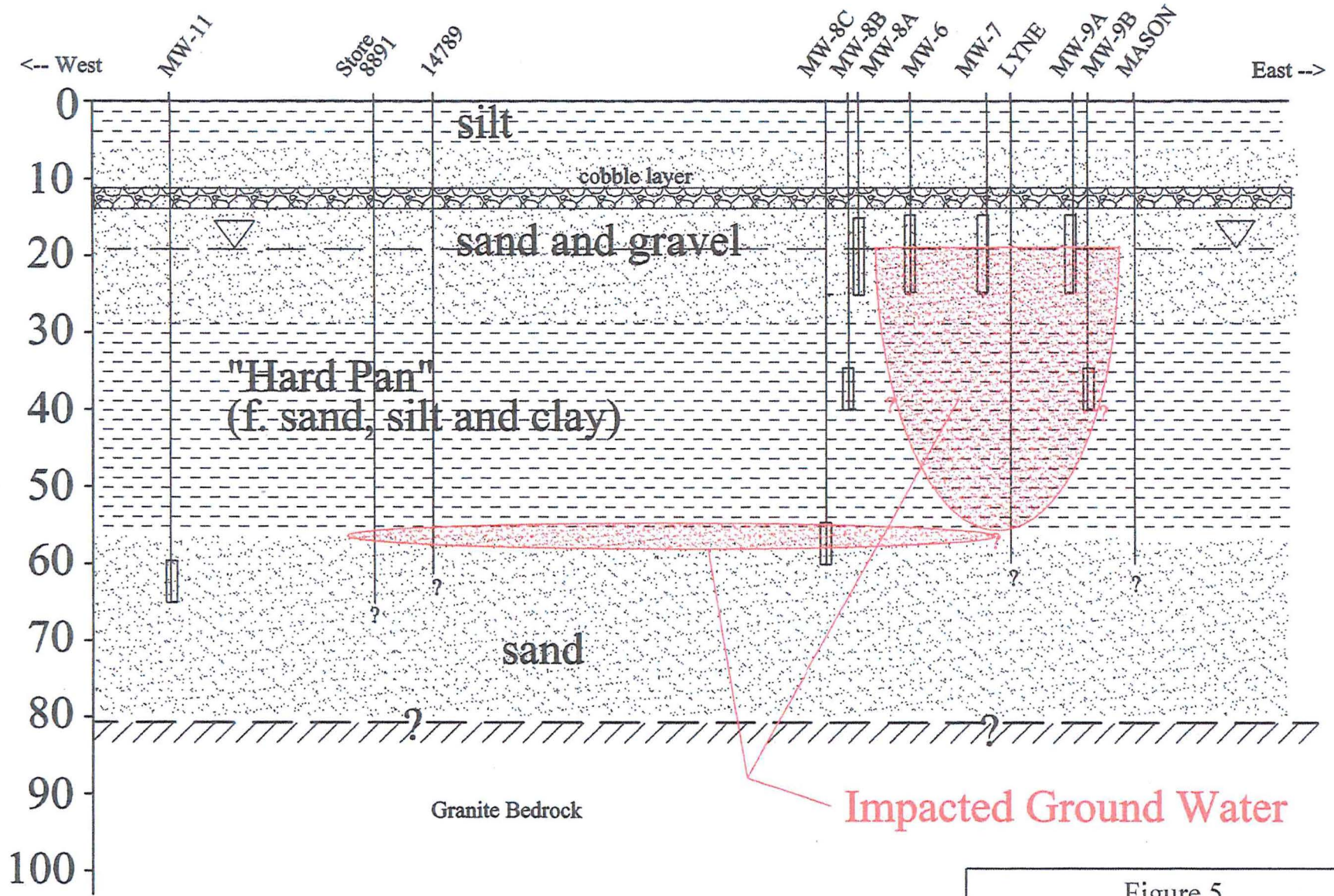

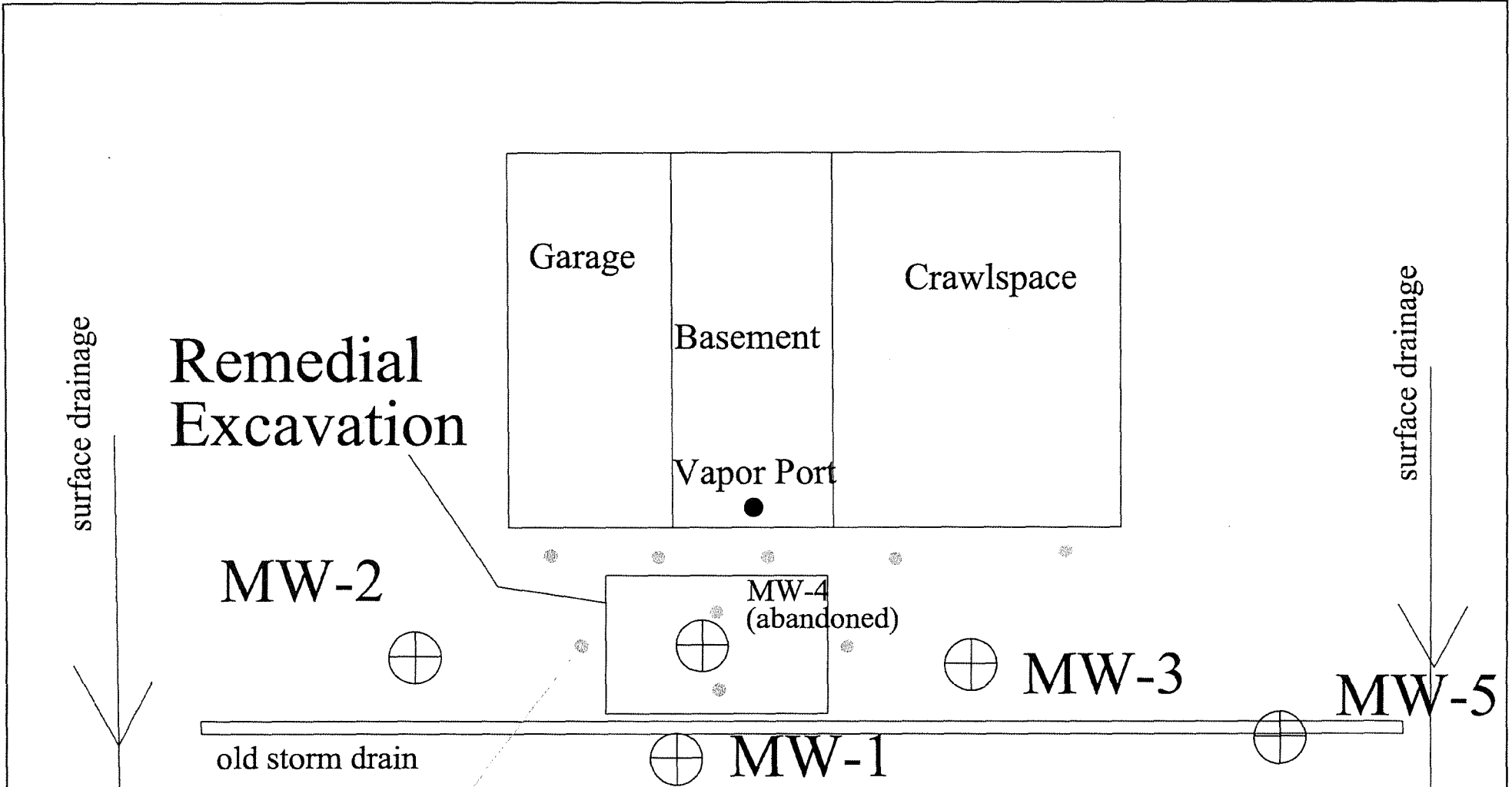




Figure 5
 Cross-Section (East-West Hwy73)
 Jim & Cindy's Bar
 Gilman, WI

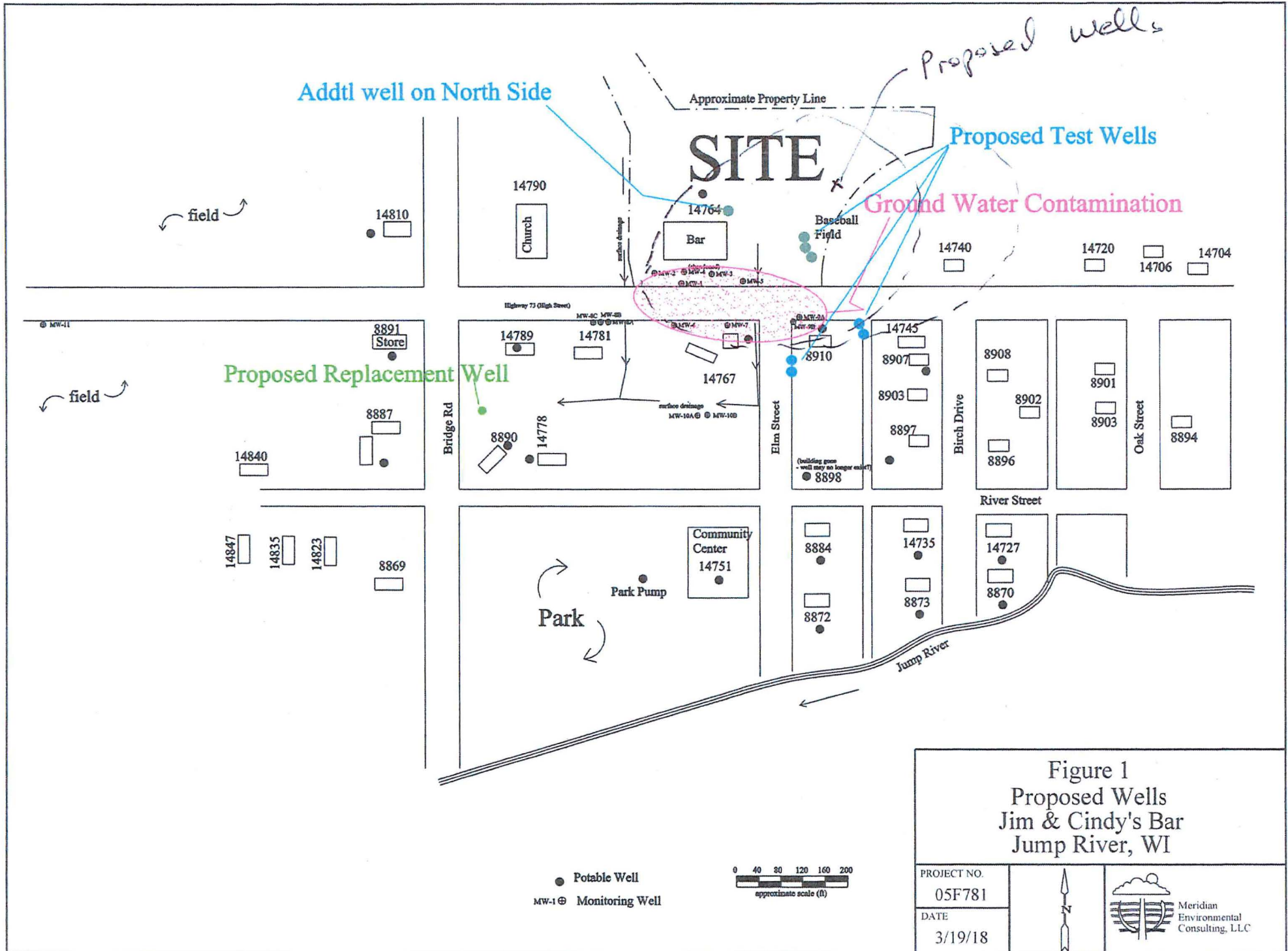
PROJECT NO. 05F781	PREPARED BY KAS	 Meridian Environmental Consulting, LLC
DATE 1/4/18	REVIEWED BY KAS	



Proposed Soil Borings

Figure
Proposed Soil Borings
Jim & Cindy's Bar
Jump River, WI

PROJECT NO 05F781			Meridian Environmental Consulting, LLC
DATE 5/1/18			



Addtl well on North Side

Proposed wells

SITE

Proposed Test Wells

Ground Water Contamination

field

Proposed Replacement Well

field

Park

Figure 1

Proposed Wells
 Jim & Cindy's Bar
 Jump River, WI

PROJECT NO.
 05F781
 DATE
 3/19/18



● Potable Well
 MW-1 ⊕ Monitoring Well

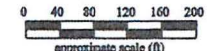


Table 2: Ground Water Analytical Data

Jim and Cindy's Bar
 Jump River, Wisconsin
 Meridian No. 05F781

10 Concentration exceeds NR140 Enforcement Standard

Well	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NR140 Enforcement Standard				480	5	700			2000	60	100	800
Monitoring Well Sampling Results												
MW-1	installed 10/11/11											
	10/14/2011	2670	850	3520	1250	2080	4660	1900	6560	182	553	7110
	6/23/2012	1230	388	1618	682	619			3870	17.2J	157	2590
	5/14/2013	1480	436	1916	348	880			3850	14.3J	311	1650
	12/3/2013	382	66.2	448.2	278	367			608	8.7	62.6	476
	4/15/2014	648	145	793	219	439			1440	11.2	101	842
	1/20/2015	1390	392	1782	621	998			3760	<24.2	239	3480
	4/28/2015	585	124	709	223	344			1150	15.8	65.7	577
	7/29/2015	164	18.2	182.2	79.6	170			184	9.4	25.9	108
	12/8/2015	165	16.3	181.3	102	230			276	4.2	28.5	229
	3/31/2016	Not sampled due to ponding										
	6/7/2016	711	175	886	175	489			1480	8.5	115	966
	7/24/2017	1760	503	2263	617	1390			6010	<24.2	373	5640
	10/23/2017	1490	433	1923	252	1110			3560	<19.4	297	2030
MW-2	installed 10/11/11											
	10/14/2011	1810	619	2429	94.5	680	2350	251	2601	87.4	292	278
	6/23/2012	634	153	787	5.4	164			497	15.5	79.9	44.6
	5/14/2013	733	273	1006	39.3	234			753	11.9	114	95.8
	12/3/2013	203	60.2	263.2	68.3	127			276	12.7	53.6	75.8
	4/15/2014	617	194	811	72.3	295			750	16.4	119	175
	1/20/2015	436	162	598	24.5	155			334	11	63.7	42.7
	4/28/2015	576	206	782	32.1	183			430	34.9	77.7	70.8
	7/29/2015	469	168	637	18.1	128			284	30	57	39.2
	12/8/2015	286	75.6	361.6	21	135			238	10.8	68.2	33.9
	3/31/2016	481	161	642	39.2	183			362	10	74.7	83.7
	6/7/2016	422	164	586	19.5	110			260	13.8	51.3	38
	7/24/2017	275	79.6	354.6	6.7	84.6			154	23.3	43.8	13.8
	10/23/2017	355	130	485	36.5	167			304	11.8	61.4	118
MW-3	installed 10/11/11											
	10/14/2011	3980	1260	5240	1560	2910	10200	2280	12480	169	856	9780
	6/23/2012	3340	993	4333	742	2560			11200	<38.1	632	7910
	5/14/2013	3130	944	4074	978	2230			9720	<38.1	606	7450
	12/3/2013	3270	998	4268	662	2300			9720	<37.1	577	6850
	4/15/2014	2870	888	3758	663	2200			9100	<48.5	567	5520
	1/20/2015	2840	859	3699	605	1930			8610	<24.2	482	6350
	4/28/2015	2810	848	3658	572	1710			7780	<24.2	468	5480
	7/29/2015	2730	827	3557	436	1730			7180	<19.4	445	5000
	12/8/2015	2570	765	3335	378	1580			6600	<19.4	443	4340
	3/31/2016	2630	734	3364	371	1550			6430	<9.7	456	3980

	6/7/2016	2900	885	3785	365	1500			7360	<9.7	480	4320
	7/24/2017	3440	1020	4460	264	1330			7790	<19.4	567	3380
	10/23/2017	2990	925	3915	209	1260			6860	<19.4	464	3140
MW-4	installed 10/11/11											
	10/14/2011	2420	711	3131	1400	2380	6980	1890	8870	98.8	589	7460
	6/23/2012	3020	866	3886	1360	2370			10800	<19	686	7720
	5/14/2013	2770	809	3579	1660	2230			12300	<38.1	651	8760
	10/22/2013	well abandoned due to excavation										
MW-5	installed 5/6/13											
	5/14/2013	3090	919	4009	88.8	1120			4040	<19	655	387
	12/3/2013	2460	720	3180	103	770			2050	<9.3	450	223
	4/15/2014	3200	968	4168	82.5	890			2330	<12.1	501	201
	1/20/2015	SNOWPILE										
	4/28/2015	2670	842	3512	188	841			2340	<19.4	425	1020
	7/29/2015	2640	834	3474	61.9	848			2250	12.2	413	572
	12/8/2015	2680	833	3513	52.4	826			2110	<12.1	432	439
	3/31/2016	2190	617	2807	42.5	666			1380	<9.7	364	242
	6/7/2016	2320	737	3057	107	718			1750	<12.1	383	425
	7/24/2017	2930	856	3786	136	1550			5940	<24.2	728	2050
	10/23/2017	2800	897	3697	169	1020			3210	<9.7	536	1260
MW-6	installed 5/6/13											
	5/14/2013	2430	781	3211	44.6	1280			6470	16.1J	446	1810
	12/3/2013	2050	661	2711	41.5	747			2490	10.7	282	557
	4/15/2014	1080	336	1416	20.4	343			1280	<9.7	103	430
	1/20/2015	1650	514	2164	68.9	925			3720	<9.7	258	2060
	4/28/2015	1440	472	1912	15	492			1990	21.3	185	509
	7/29/2015	1540	550	2090	15.8	397			1770	18.8	177	475
	12/8/2015	1470	469	1939	43.3	726			2500	8.4	229	912
	3/31/2016	1160	400	1560	9.9	287			1050	7.1	117	245
	6/7/2016	1080	402	1482	13.3	261			957	9.9	106	261
	7/24/2017	1400	523	1923	8.3	334			1260	<9.7	160	224
	10/23/2017	1830	635	2465	53.2	848			3530	12	305	1370
MW-7	installed 5/7/13											
	5/14/2013	275	147	422	26.8	92.3			135	6.7J	41.4	29.2
	12/3/2013	116	33.4	149.4	18.8	85.6			131	6.7	33.2	19.7
	4/15/2014	80.7	30.9	111.6	12.4	53.4			69.8	9.3	19.8	13.5
	1/20/2015	256	81.7	337.7	15.6	211			443	6.9	80.7	34.3
	4/28/2015	206	62.7	268.7	5.4	133			275	16.3	59	14
	7/29/2015	133	32.3	165.3	3.7	72.2			118	14.5	38.6	5.6
	12/8/2015	115	36.5	151.5	3.6	45.8			75.5	7.6	24.1	4.1
	3/31/2016	95.3	27.5	122.8	11.7	58.4			74.2	5.3	28.4	9.2
	6/7/2016	121	33.7	154.7	14.3	116			168	8.1	52.7	17.5
	7/24/2017	299	85.9	384.9	32.1	238			431	10.2	103	69.5
	10/23/2017	175	48.3	223.3	6.5	125			173	3.6	48.5	20.9
Well	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NR140 Enforcement Standard				480	5	700			2000	60	100	800

MW-8A	installed 10/28/13											
	12/3/2013	<.33	<.36	<.36	<.34	<.34		<1	<.37	<.37	<.34	
	4/15/2014	<.42	<.42	<.42	<.4	<.39		<1.2	3.4	<.42	<.39	
	1/20/2015	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	4/28/2015	<.42	<.42	<.42	<.4	<.39		<1.2	4.1	<.42	<.39	
	7/29/2015	<.42	<.42	<.42	<.4	<.39		<1.2	0.96	<.42	<.39	
	6/7/2016	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	7/24/2017	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	10/23/2017	<.42	<.42	<.42	<.4	.43J		<1.2	.85J	<.42	<.39	
MW-8B	installed 10/28/13											
	12/3/2013	<.33	<.36	<.36	<.34	<.34		<1	<.37	<.37	<.34	
	4/15/2014	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	1/20/2015	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	4/28/2015	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	7/29/2015	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	6/7/2016	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	7/24/2017	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	10/23/2017	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
MW-8C	installed 7/10/17											
	7/24/2017	<.42	<.42	<.42	3.3	<.39		<1.2	1.1	<.42	<.39	
	10/23/2017	<.42	<.42	<.42	<.4	<.39		<1.2	.68J	<.42	<.39	
MW-9A	installed 10/28/13											
	12/3/2013	<.33	<.36	<.36	1.9	<.34		<1	1.7	<.37	<.34	
	4/15/2014	<.42	<.42	<.42	<.4	0.97		<1.2	2	<.42	<.39	
	1/20/2015	391	152	543	129	420		491	4.3	160	268	
	4/28/2015	51.8	28.4	80.2	48.6	112		67	7.2	54.3	17.9	
(9B ?)	7/29/2015	<.42	<.42	<.42	6	6		<1.2	4.8	0.58	0.76	
	12/8/2015	<.42	<.42	<.42	0.74	<.39		<1.2	<.48	<.42	<.39	
	3/31/2016	<.42	<.42	<.42	0.95	<.39		<1.2	0.49	<.42	<.39	
	6/7/2016	159	48.8	207.8	21	131		123	2.2	54.4	49.2	
	7/24/2017	1080	340	1420	108	853		2150	6.4	289	850	
	10/23/2017	9.6	0.64	10.24	9.9	43.8		18.8	0.63	12.6	10.7	
MW-9B	installed 10/28/13											
	12/3/2013	<.33	<.36	<.36	2.7	<.34		<1	<.37	1.1	<.34	
	4/15/2014	<.42	<.42	<.42	2.1	<.39		<1.2	0.56	<.42	<.39	
	1/20/2015	<.42	<.42	<.42	8.5	<.39		<1.2	0.7	<.42	<.39	
	4/28/2015	<.42	<.42	<.42	1.7	<.39		<1.2	0.58	<.42	<.39	
(9A ?)	7/29/2015	<.42	0.48	0.48	36.5	69.7		2.3	6.9	7.4	1.8	
	12/8/2015	<.42	<.42	<.42	0.61	<.39		<1.2	0.5	0.46	<.39	
	3/31/2016	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	6/7/2016	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	7/24/2017	206	81.1	287.1	36.9	318		701	5.7	63.4	214	
	10/23/2017	172	102	274	83	545		587	3.9	127	251	
MW-10A	installed 12/30/14											
	1/20/2015	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	4/28/2015	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	7/29/2015	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	
	6/7/2016	<.42	<.42	<.42	<.4	<.39		<1.2	<.48	<.42	<.39	

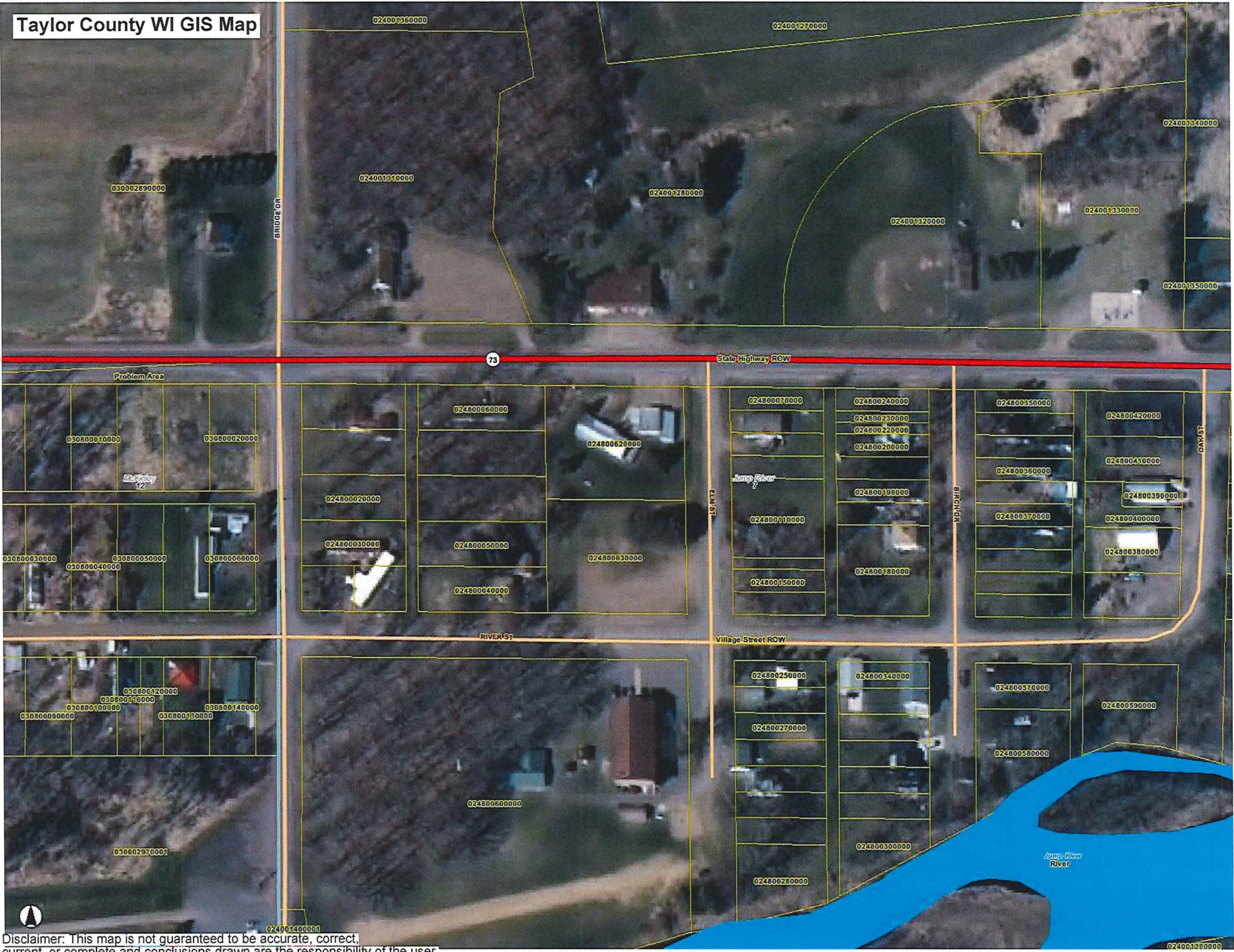
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
MW-10B	installed 12/29/14											
	1/20/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
MW-11	installed 4/20/15											
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Private Well Sampling Results												
Well	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NR140 Enforcement Standard				460	5	700			2000	60	100	800
Bar (onsite well)												
(basement)	10/14/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.2	<.37
(outside)	6/23/2012	<.05	<.086	<.086	<.047	<.078	<.15	<.12	<.27	<.048	<.11	<.065
	5/14/2013	<.43	<.4	<.43	<.39	<.41			<1.3	<.38	<.4	<.42
	12/3/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	1/20/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	12/8/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Lyne (14767 Hwy. 73)												
	6/23/2012	<.05	<.086	<.086	<.047	<.078	<.15	<.12	<.27	<.048	<.11	<.065
	5/14/2013	<.43	<.4	<.43	<.39	<.41			<1.3	<.38	<.4	<.42
	12/3/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	1/20/2015	Permission denied										
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	Permission denied										
8910 Elm (Mason)												
	6/23/2012	<.05	<.086	<.086	.075J	<.078	<.15	<.12	<.27	.18J	<.11	<.065
	5/14/2013	<.43	<.4	<.43	<.39	<.41			<1.3	<.38	<.4	<.42
	12/3/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39

	2/2/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	2
	12/8/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
14789 State Hwy. 73 (Keepers)												
	6/23/2012	<.05	<.086	<.086	6	<.078	<.15	<.12	<.27	1.6	<.11	<.065
	5/14/2013	<.43	<.4	<.43	5.7	<.41			<1.3	1.3	<.4	<.42
	12/3/2013	<.33	<.36	<.36	0.4	<.34			<1	1	<.37	<.34
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	0.99	<.42	<.39
	1/20/2015	<.42	<.42	<.42	4.7	<.39			<1.2	0.99	<.42	<.39
	2/2/2015	<.42	<.42	<.42	5.2	<.39			<1.2	1	<.42	<.39
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	<.42	<.42	<.42	3.3	<.39			<1.2	1.1	<.42	<.39
	12/1/2015	<.42	<.42	<.42	5.2	<.39			<1.2	1.3	<.42	<.39
	6/7/2016	<.42	<.42	<.42	5.9	<.39			<1.2	1.1	<.42	<.39
	7/24/2017	<.42	<.42	<.42	35.5	<.39			<1.2	1.3	<.42	<.39
	10/23/2017	<.42	<.42	<.42	4	<.39			<1.2	1.1	<.42	<.39
14810 Hwy. 73 (cabin north of store - owner Gasior)												
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	unavailable due to occupancy										
	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
14778 River Street (Milam)												
	5/14/2013	<.57	<2.5	<2.5	<.5	<.5	<.82	<.5	<.82	<.49	<2.5	<.44
	12/3/2013	No one home										
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	1/20/2015	No one home										
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Community Center												
	5/14/2013	<.57	<2.5	<2.5	<.5	<.5	<.82	<.5	<.82	<.49	<2.5	<.44
	12/3/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	1/20/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	12/8/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
8887 Bridge St.												
	5/14/2013	<.57	<2.5	<2.5	<.5	<.5	<.82	<.5	<.82	<.49	<2.5	<.44
	12/3/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	0.55	<.42	<.39
	1/20/2015	Not sampled										
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39

	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Well	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NR140 Enforcement Standard				480	5	700			2000	60	100	800
8890 Bridge St. (McVicker)												
	5/14/2013	<.57	<2.5	<2.5	<.5	<.5	<.82	<.5	<.82	.71J	<2.5	<.44
	12/3/2013	<.33	<.36	<.36	<.34	<.34			<1	0.97	<.37	<.34
	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	1/20/2015	<.42	<.42	<.42	<.4	<.39			<1.2	1	<.42	<.39
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	0.99	<.42	<.39
	7/29/2015	<.42	<.42	<.42	<.4	<.39			<1.2	1.2	<.42	<.39
	12/8/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	1	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	.77J	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	.76J	<.42	<.39
8891 Bridge St (new well at new store)												
Outside	12/3/2013	<.33	<.36	<.36	2	<.34			<1	1.4	<.37	0.42
Outside	4/15/2014	<.42	<.42	<.42	<.4	<.39			<1.2	1.6	<.42	<.39
Outside	1/20/2015	<.42	<.42	<.42	35.6	1.2			<1.2	2.1	<.42	<.39
Inside	2/2/2015	<.42	<.42	<.42	32	1.2			<1.2	2.4	<.42	<.39
Outside	2/2/2015	<.42	<.42	<.42	28.7	1.2			<1.2	2.1	<.42	<.39
Outside	2/23/2015	<.42	<.42	<.42	21.5	1.4			<1.2	2.1	<.42	<.39
Treated	2/23/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Treated	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Outside	4/28/2015	<.42	<.42	<.42	23.9	1.4			<1.2	2.1	<.42	<.39
Outside	7/29/2015	<.42	<.42	<.42	5.4	0.69			<1.2	2.6	<.42	<.39
Treated	7/29/2015	<.42	<.42	<.42	0.66	<.39			<1.2	<.48	<.42	<.39
Outside	12/8/2015	<.42	<.42	<.42	4.2	0.64			<1.2	2.7	<.42	<.39
Treated	12/8/2015	Not sampled per DNR										
Outside	3/31/2016	<.42	<.42	<.42	1.5	0.7			<1.2	2.1	<.42	<.39
Treated	3/31/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Outside	6/7/2016	<.42	<.42	<.42	0.49	<.39			<1.2	2	<.42	<.39
Treated	6/7/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Outside	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	1.2	<.42	<.39
Treated	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
Outside	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	.86J	<.42	<.39
Treated	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
8897 Birch Drive (grab sample with bailer)												
	4/28/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	12/8/2015	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	7/24/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39
	10/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39



Taylor County WI GIS Map



Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

