

From: Ken Shimko <kshimko.meridianenv@gmail.com>
Sent: Tuesday, October 22, 2019 5:32 PM
To: Stoltz, Carrie R - DNR
Subject: Wild Card Bar - Turtle Lake - define extent of naphthalene at TMW-15
Attachments: GW Contam 10-21-19.pdf; GW Chem Table 10-21-19.xlsx

Carrie.

bc: Gary Gilbert – Project Engineer

Please call me re: attached diagram.

Thanks

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Table A.1: Ground Water Analytical Table
 Wild Card Bar (former)
 Turtle Lake, Wisconsin
 Meridian No. 05F750

Sample	Screen Interval (depth - ft)	Depth to Water (ft)	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene	DRO
Units				ug/l	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 (ES)						480	5	700			2000	60	100	800	-
NR140 Preventive Action Limit (PAL)						96	0.5	140			400	12	10	160	
TMW-1	11-16														
		10.1	10/01/2008	<.4	<.31	<.4	<.31	<.5	<.62	<.36	<.62	<.3	<.8	<.3	378
		11.71	07/20/2009	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	NA	<.37	NA
		10.2	10/22/2009	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.116	<.37	NA
TMW-2	10-20														
		10.75	10/01/2008	166	<6.2	166	17.4	112	120	123	243	<6	103	<6	7750
		15.24	02/05/2009	388	<15.5	388	<15.5	311	371	453	824	<15	192	<15	NA
		12.65	07/20/2009	236	<4.4	236	<3.1	77.8	82.2	70.4	152.6	<3.	<.22	<3.7	NA
			10/22/2009	INACCESSIBLE - HOUSE OVER WELL											
TMW-12	6-16														
		8.14	10/01/2008	<.4	<.31	<.4	<.31	<.5	<.62	<.36	<.62	<.3	<.8	<.3	6780
		15.37	02/05/2009	Insufficient water to collect sample											
		8.55	07/20/2009	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.647	<.37	NA
		6.9	10/22/2009	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.8	<.37	NA
TMW-15	5-15														
		13.31	02/05/2009	<.4	<.31	<.4	<.31	<.5	<.62	<.36	<.62	<.3	27.1	0.819	NA
		11.45	07/20/2009	<.4	<4.4	<4.4	<3.1	<5.0	<6.2	<7.7	<7.7	<3.	NA	<3.7	NA
		11.32	10/22/2009	<.4	<4.4	<4.4	<3.1	<5	<6.2	<7.7	<7.7	<3.	714	<3.7	NA
		NM	07/29/2010	<.4	<4.4	<4.4	<3.1	<5	<6.2	<7.7	<7.7	<3	589	3.8	NA
		9.65	06/10/2011	<.4	<4.4	<4.4	<3.1	<5	<6.2	<7.7	<7.7	<3	535	<3.7	NA
		11.73	09/23/2011	<.4	<4.4	<4.4	<3.1	<5	<6.2	<7.7	<7.7	<3	498	<3.7	NA
		9.8	10/26/2016	2.5	1	3.5	0.5	1.9			3.5	<.48	446	1.5	
		9.18	03/23/2017	<4.2	<4.2	<4.2	<.4	<3.9			<12.5	<4.8	354	<3.9	
MW-1	5-15														
		11.33	02/05/2009	1350	<31	1350	<31	<50	150	151	301	<30	802	<30	NA
		9.58	07/20/2009	142	<4.4	142	<3.1	31.3	27	8.39	35.39	<3.	41.7	<3.7	NA
		8.01	10/22/2009	55.6	<.44	55.6	1.23	22.7	10.3	9.26	19.56	<.3	22	1.53	NA
		8.85	04/12/2010	47.9	<.44	47.9	0.926	17.1	7.93	2.64	10.57	<.3	53.2	<.37	NA
		6.05	07/29/2010	33.7	<.44	33.7	1.02	17	5.92	2.31	8.23	<.3	55.2	0.536	NA
		4.23	06/10/2011	70.4	2.73	73.13	<1.55	15.9	14.2	<3.85	14.2	<1.5	87.8	<1.85	NA
		6.75	09/23/2011	75.3	2.76	78.06	<1.55	16.5	13.8	<3.85	13.8	<1.5	92.6	<1.85	NA
		7.78	10/26/2016	110	<.42	110	<.40	4.5			8.3	<.48	76	<.39	
		5.58	03/23/2017	112	<.42	112	<.4	3.7			6.7	<.48	70.4	<.39	

Bold - Concentration exceeds NR140 Enforcement Standard (ES)

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 Wild Card Bar (former)
 Turtle Lake, Wisconsin
 Meridian No. 05F750

Sample	Screen Interval (depth - ft)	Depth to Water (ft)	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene	DRO
Units				ug/l	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 (ES)						480	5	700			2000	60	100	800	-
NR140 Preventive Action Limit (PAL)						96	0.5	140			400	12	10	160	
MW-2	5-15														
		13.4	02/05/2009	189	76.3	265.3	14	41.4	175	107	282	<3	65.4	<3	NA
		13	07/20/2009	83.1	32.7	115.8	14.8	25.1	103	57.3	160.3	<1.5	6.23	4.57	NA
		13.03	10/22/2009	128	54.6	182.6	18.3	41	128	88.4	216.4	<3	7.8	2.65	NA
		14.25	04/12/2010	134	52.2	186.2	18.3	72.8	157	93.4	250.4	<3	37.4	5	NA
		11.62	07/29/2010	176	91.6	267.6	28.5	93.2	247	143	390	<3	104	2.93	NA
		8.05	06/10/2011	35.3	9.57	44.87	2.14	7.92	17.2	2.04	19.24	<3	19	<3.7	NA
		9.71	09/23/2011	159	59.1	218.1	17.1	65.6	192	51.6	243.6	<3	101	<3.7	NA
		8.94	10/26/2016	32.6	3.6	36.2	<4	17.5			2.2	<4.8	54.5	<3.9	
		8.69	03/23/2017	31.6	6	37.6	<4	17.1			4.8	<4.8	44.6	0.41	
MW-3	5-15		(well is dry: 7/20/09 sample collected from well tip)												
			02/05/2009	DRY											
		15.02	07/20/2009	<4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	NA	<.37	NA
			10/22/2009	DRY											
			04/12/2009	DRY											
			07/29/2010	DRY											
			06/10/2011	DRY											
		14.82	09/23/2011	DRY											
		13.11	10/26/2016	<.42	<.42	<.42	0.49	<.39			<1.2	<.48	<.42	<.39	
		12.09	03/23/2017	<.42	<.42	<.42	0.41	<.39			<1.2	<.48	<.42	<.39	
MW-4	5-15														
		13.31	02/05/2009	1.72	<.31	1.72	<.31	0.608	3.81	1.55	5.36	<.3	<.8	<.3	NA
		13.25	07/20/2009	<.4	<.44	<.44	<.31	0.859	1.14	<.77	1.14	<.3	<.116	<.37	NA
		14.13	10/22/2009	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.157	<.37	NA
		14.4	04/12/2010	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.8	<.37	NA
		13.78	07/29/2010	<.4	<.44	<.44	<.31	<.5	0.635	<.77	0.635	<.3	2.05	<.37	NA
		12.54	06/10/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<2.0	<.37	NA
		14.33	09/23/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<2.0	<.37	NA
		12.45	10/26/2016	<.42	<.42	<.42	<.40	<.39			<1.2	<.48	<.42	<.39	
MW-5	10-20		(well is dry: 4/12/10 sample collected from well tip)												
		19.18	04/12/2010	0.631	0.486	1.117	<.31	0.591	0.867	<.77	0.867	<.3	3.38	0.433	NA
			07/29/2010	DRY											
			06/10/2011	DRY											
			09/23/2011	DRY											
		15.17	10/26/2016	<.42	<.42	<.42	<.40	0.69			<1.2	<.48	89.3	0.4	
		15.94	03/23/2017	0.48	<.42	0.48	0.43	0.81			<1.2	<.48	111	<.39	

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Wild Card Bar (former)
Turtle Lake, Wisconsin
Meridian No. 05F750

Sample	Screen Interval (depth - ft)	Depth to Water (ft)	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene	DRO
Units				ug/l	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 (ES)						480	5	700			2000	60	100	800	-
NR140 Preventive Action Limit (PAL)						96	0.5	140			400	12	10	160	
MW-6	5-15	(Installed 5/11/11)													
		DRY	06/10/2011	DRY											
		DRY	09/23/2011	DRY											
MW-7	5-15	(from top of riser)	(Installed 6/6/11)												
		DRY	06/10/2011	DRY											
		16.17	09/23/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	2.73	<.37	NA
		15.84	10/26/2016	<.42	<.42	<.42	<.40	<.39			<.12	<.48	6.4	<.39	
		15.23	03/23/2017	<.42	<.42	<.42	<.40	<.39			<.12	<.48	1.9	<.39	
PZ-1	60-70	(installed 6/10/2009)													
		60.6	07/20/2009	1.51	0.85	2.36	74.7	0.522	7.75	7.82	15.57	1.65	NA	0.792	NA
		61.05	10/22/2009	<.4	<.44	<.44	5.29	<.5	<.62	<.77	<.77	2.09	<.138	<.37	NA
		61.29	04/12/2010	<.4	<.44	<.44	33.1	0.969	0.747	<.77	0.747	<.3	<.8	<.37	NA
		61.2	07/29/2010	<.4	<.44	<.44	6.68	<.5	0.665	<.77	<.77	0.84	2.09	0.477	NA
		58.41	06/10/2011	<.4	<.44	<.44	4.37	<.5	<.62	<.77	<.77	<.3	<.2	<.37	NA
		56.45	09/23/2011	<.4	<.44	<.44	11.4	0.525	0.843	<.77	<.77	<.3	<.2	0.378	NA
		54.19	06/22/2012	<.43	<.40	<.43	14.6	0.68			<.13	<.38	<.4	<.42	NA
		54.11	09/24/2012	<.43	<.40	<.43	13.6	0.69			<.13	<.38	<.4	<.42	NA
		56.45	07/01/2013	0.33	<.36	0.33	12.3	0.73			<.1	<.37	<.37	<.34	NA
		56.45	10/10/2013	0.5	<.36	0.5	12.1	0.72			1.5	<.37	0.46	<.34	NA
		56.41	07/24/2014	<.42	<.42	<.42	8.9	0.62			<.12	<.48	<.42	<.39	NA
		55.31	10/08/2014	<.42	<.42	<.42	9.2	0.59			<.12	<.48	<.42	<.39	NA
		48.52	10/26/2016	0.52	<.42	0.52	10.6	0.94			1.3	<.48	<.42	<.39	
		48.5	03/23/2017	0.47	<.42	0.47	10.2	0.7			<.12	<.48	0.49	<.39	
PZ-2	58-68	(installed 3/4/10)													
		56.66	04/12/2010	1.05	0.481	1.531	1.35	0.715	1.32	<.77	1.32	<.3	3.03	6.65	NA
		56.55	07/29/2010	0.701	<.44	0.701	<.31	<.5	0.939	<.77	0.939	<.3	<.8	0.481	NA
		53.78	06/10/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.2	<.37	NA
		51.8	09/23/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.2	<.37	NA
		49.64	06/22/2012	<.43	<.4	<.43	<.39	<.41			<.13	<.38	<.4	<.42	NA
		49.58	09/24/2012	<.43	<.4	<.43	<.39	<.41			<.13	<.38	<.4	<.42	NA
		51.88	07/01/2013	<.33	<.36	<.36	<.34	<.34			<.1	<.37	<.37	<.34	
		51.91	10/10/2013	<.33	<.36	<.36	<.34	<.34			<.1	<.37	<.37	<.34	
		51.87	07/24/2014	<.42	<.42	<.42	<.4	<.39			<.12	<.48	<.42	<.39	NA
		50.72	10/08/2014	<.42	<.42	<.42	<.4	<.39			<.12	<.48	<.42	<.39	NA
		43.99	10/26/2016	<.42	<.42	<.42	<.40	<.39			<.12	<.48	<.42	<.39	
		44.04	03/23/2017	<.42	<.42	<.42	<.40	<.39			<.12	<.48	<.42	<.39	

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 Wild Card Bar (former)
 Turtle Lake, Wisconsin
 Meridian No. 05F750

Sample	Screen Interval (depth - ft)	Depth to Water (ft)	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene	DRO	
Units				ug/l	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 (ES)						480	5	700			2000	60	100	800	-	
NR140 Preventive Action Limit (PAL)						96	0.5	140			400	12	10	160		
PZ-3	65-80	(installed 3/5/10)														
	64.12	04/12/2010	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.8	<.37	NA		
	64	07/29/2010	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.8	<.37	NA		
	61.33	06/10/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.8	<.37	NA		
	59.41	09/23/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.8	<.37	NA		
	57.04	06/22/2012	<.43	<.4	<.43	<.39	<.41				<1.3	<.38	<.4	<.42	NA	
	57	09/24/2012	<.43	<.4	<.43	<.39	<.41				<1.3	<.38	<.4	<.42	NA	
	59.23	07/01/2013	<.33	<.36	<.36	<.34	<.34				<1	<.37	<.37	<.34		
	59.28	10/10/2013	<.33	<.36	<.36	<.34	<.34				<1	<.37	<.37	<.34		
	59.3	07/24/2014	<.42	<.42	<.42	<.4	<.39				<1.2	<.48	<.42	<.39	NA	
	58.23	10/08/2014	<.42	<.42	<.42	<.4	<.39				<1.2	<.48	<.42	<.39	NA	
	51.39	10/26/2016	<.42	<.42	<.42	<.40	<.39				<1.2	<.48	<.42	<.39		
	51.35	03/23/2017	<.42	<.42	<.42	<.40	<.39				<1.2	<.48	<.42	<.39		
PZ-4	55-70	(installed 5/11/11)														
	60.74	06/10/2011	433	138	571	4560	502	2200	805	3005	73.5	161	1290	NA		
	58.8	09/23/2011	397	152	549	4870	451	2120	730	2850	<30	262	960	NA		
	56.41	06/22/2012	<10.8	<9.9	<10.8	2320	143				37.2	35.6	25.1	44	NA	
	56.32	09/24/2012	<2.2	3.1	3.1	1110	57.3				14.8	23.1	7.5	20.7	NA	
	58.65	07/01/2013	<3.3	<3.6	<3.6	913	119				16.2	28.5	12.9	35		
	58.64	10/10/2013	<1.7	2	2	574	72.6				7.5	18.9	3.7	23.2		
	58.65	07/24/2014	<2.1	<2.1	<2.1	895	209				<6.2	51.7	5.7	14.3	NA	
	57.59	10/08/2014	<4.2	<4.2	<4.2	773	198				<12.5	55	6.2	13.2	NA	
	50.71	10/26/2016	<1.7	<1.7	<1.7	285	77				<.5	47.1	1.9	5.1		
	50.68	03/23/2017	<.42	0.92	0.92	190	5.3				4.8	6.7	<.42	2.3		
PZ-5	50-65	(Installed 5/12/11)														
	53.39	06/10/2011	0.713	<.44	0.713	<.31	<.5	<.62	<.77	<.77	<.3	3.18	<.37	NA		
	51.4	09/23/2011	<.4	<.44	<.44	<.31	<.5	<.62	<.77	<.77	<.3	<.8	<.37	NA		
	49.25	06/22/2012	<.43	<.4	<.43	<.39	<.41				<1.3	<.38	<.4	<.42	NA	
	49.21	09/24/2012	<.43	<.4	<.43	<.39	<.41				<1.3	<.38	<.4	<.42	NA	
	51.53	07/01/2013	<.33	<.36	<.36	<.34	<.34				<1	<.37	<.37	<.34		
	51.54	10/10/2013	<.33	<.36	<.36	<.34	<.34				<1	<.37	<.37	<.34		
	51.48	07/24/2014	<.42	<.42	<.42	<.4	<.39				<1.2	<.48	<.42	<.39	NA	
	50.28	10/08/2014	<.42	<.42	<.42	<.4	<.39				<1.2	<.48	<.42	<.39	NA	
	43.61	10/26/2016	<.42	<.42	<.42	<.40	<.39				<1.2	<.48	<.42	<.39		
	43.62	03/23/2017	<.42	<.42	<.42	<.40	<.39				<1.2	<.48	<.42	<.39		

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 Meridian No. 05F750

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Units				ug/l	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 (ES)						480	5	700			2000	60	100	800	-	
NR140 Preventive Action Limit (PAL)						96	0.5	140			400	12	10	160		
PZ-6	50-65	(Installed 6/6/11)														
		57.89	06/10/2011	7.25	<.44	7.25	48.3	1.02	12.3	29	41.3	<.3	3.07	0.657	NA	
		55.9	09/23/2011	<.4	<.44	<.44	2.31	<.5	0.844	0.8	1.644	<.3	<2	<.37	NA	
		53.65	06/22/2012	<.43	<.4	<.43	<.39	<.41			<1.3	<.38	<.4	<.42	NA	
		53.62	09/24/2012	<.43	<.4	<.43	<.39	<.41			<1.3	<.38	<.4	<.42	NA	
		55.82	07/01/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34		
		55.91	10/10/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34		
		55.91	07/24/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA	
		54.71	10/08/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA	
		48.03	10/26/2016	<.42	<.42	<.42	<.40	<.39			<1.2	<.48	<.42	<.39		
		48.02	03/23/2017	<.42	<.42	<.42	<.40	<.39			<1.2	<.48	<.42	<.39		
PZ-7	50-65	(Installed 6/13/12)														
		52.51	06/22/2012	394	123	517	345	144			1920	4	41.6	494	NA	
		52.5	09/24/2012	261	90.4	351.4	351	340			1240	14.5	8	1120	NA	
		54.85	07/01/2013	308	87.8	395.8	762	611			2040	9.8	46.8	612		
		54.86	10/10/2013	390	119	509	790	629			2240	5.5	53.8	642		
		54.85	07/24/2014	81.9	44.7	126.6	647	598			744	6.8	34.9	469	NA	
		53.77	10/08/2014	38.8	45	83.8	399	342			435	5.3	10.7	284	NA	
		46.83	10/26/2016	25.1	11.5	36.6	17.1	61.2			76.9	7.7	5.3	34.4		
		46.81	03/23/2017	19.8	9.4	29.2	18.8	51.9			66.5	4.3	3.7	29.8		
PZ-8	55-70	(Installed 6/13/12)														
		57.08	06/22/2012	16.7	6.1	22.8	325	48.8			162	5.7	11.6	262	NA	
		56.99	09/24/2012	85.8	35.7	121.5	1200	85.6			703	20.9	26.5	206	NA	
		59.3	07/01/2013	<.83	<.89	<.89	234	4.2			3.9	10.2	4.6	10.3		
		59.33	10/10/2013	2	1.1	3.1	218	17.5			47.1	9	1.9	158		
		59.36	07/24/2014	9.3	3.3	12.6	267	34.3			59.6	6.9	2.4	177	NA	
		58.32	10/08/2014	11.2	6	17.2	528	53.9			65.5	11.7	6.2	275	NA	
		51.38	10/26/2016	164	63.2	227.2	2760	419			665	95.2	64.1	926		
		51.29	03/23/2017	5.1	1.8	6.9	81.3	10.5			24.9	2.8	2.5	27.2		
PZ-9A	54-69	installed June 2013														
		61.2	07/01/2013	<.57	<2.5	<2.5	3.1	<.5	<.82	<.5	<.82	<.49	<2.5	<.44		
		61.3	10/10/2013	<.33	<.36	<.36	0.95	<.34			<1	<.37	<.37	<.34		
		61.47	07/24/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA	
		60.41	10/08/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA	
		53.37	10/26/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39		
		53.18	03/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39		

Bold - Concentration exceeds NR140 Enforcement Standard (ES)

Table A.1: Ground Water Analytical Table
Wild Card Bar (former)
Turtle Lake, Wisconsin
Meridian No. 05F750

Sample	Screen Interval (depth - ft)	Depth to Water (ft)	Date	1,2,4-TMB	1,3,5-TMB	Total TMB	Benzene	Ethylbenzene	m&p-xylene	o-xylene	Total Xylenes	MTBE	Naphthalene	Toluene	DRO
Units				ug/l	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 (ES)						480	5	700			2000	60	100	800	-
NR140 Preventive Action Limit (PAL)						96	0.5	140			400	12	10	160	
PZ-9B	80-85	installed June 2013													
		61.26	07/01/2013	<.57	<2.5	<2.5	<.5	<.5	<.82	<.5	<.82	<.49	<2.5	<.44	
		61.35	10/10/2013	<.33	<.36	<.36	<.34	<.34			<1	<.37	<.37	<.34	
		61.49	07/24/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA
		60.46	10/08/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA
		53.35	10/26/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
		53.16	03/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
PZ-10	54.5-69.5	installed June 2013													
		61.72	07/01/2013	<1.4	<6.2	<6.2	321	<1.2	<2	<1.2	<2	<1.2	<6.2	<1.1	
		61.84	10/10/2013	<.33	<.36	<.36	114	<.34			<1	<.37	<.37	<.34	
		61.93	07/24/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA
		60.82	10/08/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA
		53.84	10/26/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
		53.71	03/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	0.74	<.42	<.39	
PZ-11	52-67	installed June 2013													
		56.04	07/01/2013	<.57	<2.5	<2.5	5.6	2.4	23.4	<.5	23.4	<.49	3.8	0.62	
		56.05	10/10/2013	<.33	12.7	12.7	6.3	33.6			104	<.37	27.1	2.4	
		55.98	07/24/2014	<.42	2.1	2.1	<.4	0.72			3.1	<.48	1.2	<.39	NA
		54.91	10/08/2014	<.42	0.71	0.71	<.4	<.39			2.7	<.48	0.94	<.39	NA
		48.07	10/26/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
		47.96	03/23/2017	<.42	<.42	<.42	<.4	0.74			<1.2	<.48	0.95	<.39	
PZ-12	54-69	installed 7/9/14													
		62.02	07/24/2014	<.5	<.5	<.5	<.5	<.5	<1	<.5	<1.2	<.17	<2.5	<.5	NA
		61.01	10/08/2014	<.5	<.5	<.5	<.5	<.5	<1	<.5	<1.2	<.17	<2.5	<.5	NA
		53.98	10/26/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
		53.82	03/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
PZ-13	47-62	installed 7/10/14													
		52.58	07/24/2014	<.5	<.5	<.5	<.5	<.5	<1	<.5	<1.2	<.17	<2.5	<.5	NA
		51.41	10/08/2014	<.5	<.5	<.5	<.5	<.5	<1	<.5	<1.2	<.17	<2.5	<.5	NA
		44.73	10/26/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
		44.88	03/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	
PZ-14	47-62	installed 7/11/14													
		53.47	07/24/2014	2950	733	3683	6230	3070	12700	5920	18620	20.8	719	8360	NA
		52.33	10/08/2014	2800	758	3558	6740	3260			17800	31.1	749	8220	NA
		45.61	10/26/2016	2760	756	3516	5070	3500			16500	24.5	740	5120	
		45.63	03/23/2017	3020	816	3836	4970	3370			17500	<24.2	719	6370	
PZ-15	55-70	installed 7/14/14													
		63.21	08/26/2014	<.5	<.5	<.5	<.5	<.5	<1	<.5	<1.2	<.17	<2.5	<.5	NA
		62.58	10/08/2014	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA
		55.51	10/26/2016	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA
		55.41	03/23/2017	<.42	<.42	<.42	<.4	<.39			<1.2	<.48	<.42	<.39	NA

Bold - Concentration exceeds NR140 Enforcement Standard (ES)

Proposed Gaspaches

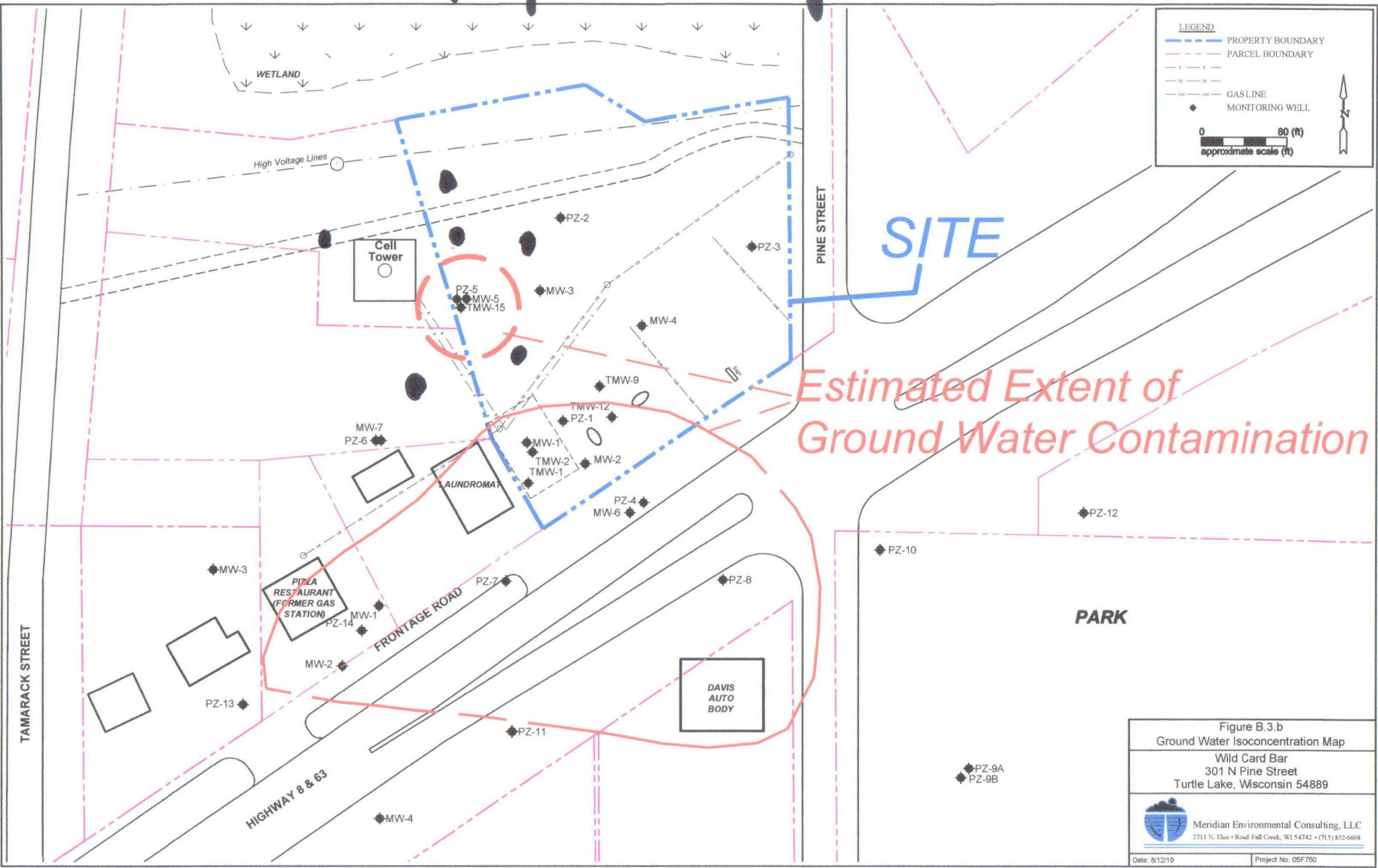


Figure B.3.b
Ground Water Isoconcentration Map
Wild Card Bar
301 N Pine Street
Turtle Lake, Wisconsin 54889

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Date: 8/12/19 Project No. 05F750