

Beggs, Tauren R - DNR

From: Matt Dahlem <mdahlem@fehr-graham.com>
Sent: Friday, October 28, 2016 11:13 AM
To: DuFresne, Kristin I - DNR; Tim Maertz; Garritt R. Bader; Brian Youngwirth
Subject: Former OHM, 1923 Main St., Green Bay, WI 54302 - BRRTS #02-05-217276
Attachments: 2016_1028 - TBL GW ELEV.pdf; 2016_1028 - FIG GW CHEM.pdf; 2016_1028 - FIG GW ELEV.pdf; 2016_1028 - TBL GW CHEM.pdf

Importance: High

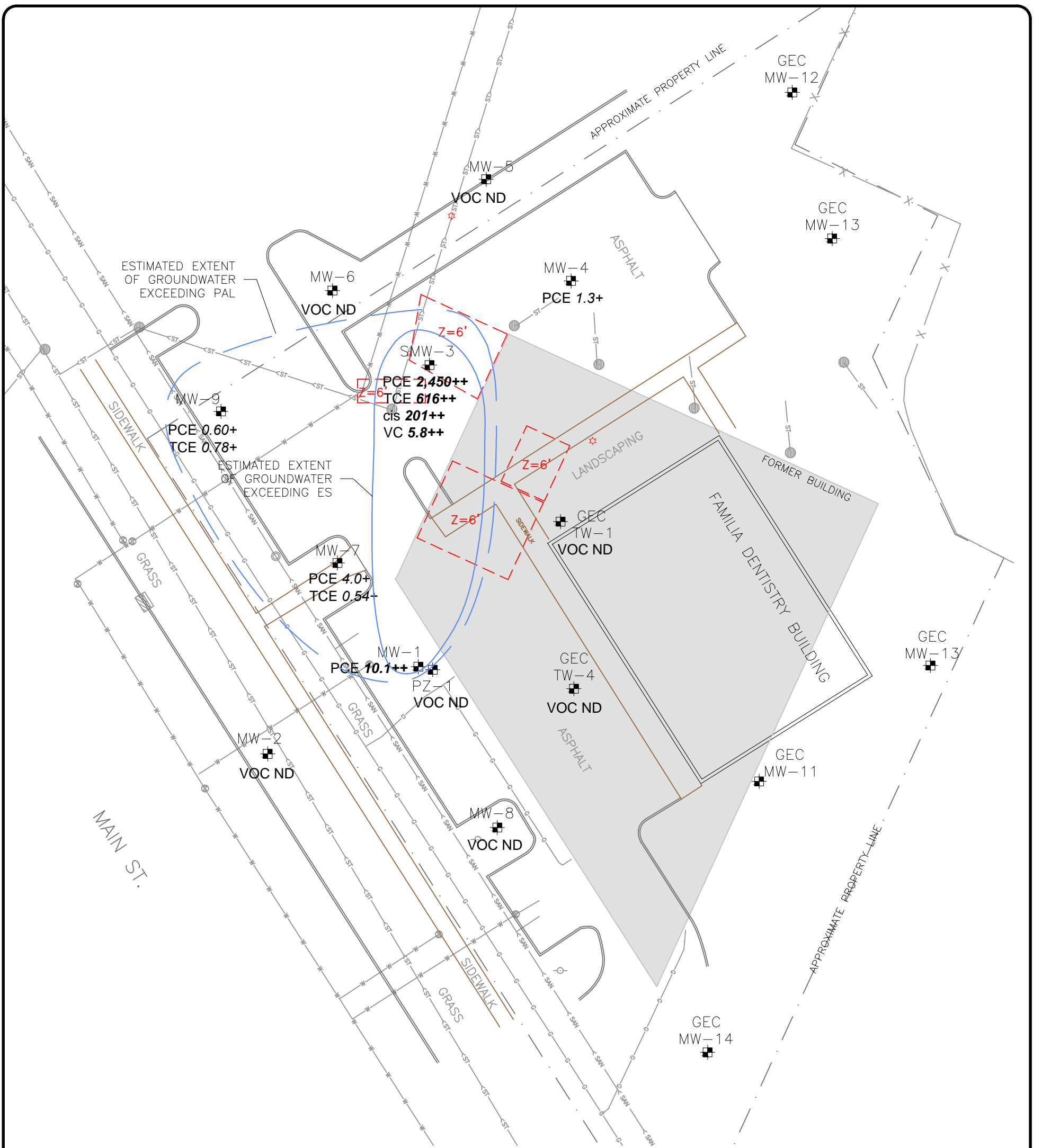
All,

Please find the data attached from September. We will quarterly sample again in December. A formal report will be generated at that time with our conclusions and recommendations. Please let me know if you have any questions. Thanks much!

Matt

MATT DAHLEM, P.G. | Project Manager / Sr. Engineering Hydrogeologist
Fehr Graham - Engineering & Environmental

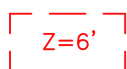
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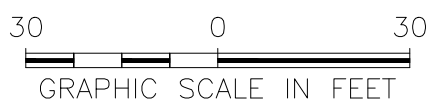
LEGEND

- MW-14 MONITORING WELL
- GAS LINE
- STORM SEWER
- SANITARY SEWER
- WATERMAIN

- PCE TETRACHLOROETHENE (ug/L)
- TCE TRICHLOROETHEN (ug/L)
- cis cis-1,2-DICHLOROETHENE (ug/L)
- VC VINYL CHLORIDE (ug/L)
- ITALICS+* EXCEEDS NR140 PREVENTIVE ACTION LIMIT
- BOLD++** EXCEEDS NR140 ENFORCEMENT STANDARD
- ND NO DETECT



JULY 2015 EXCAVATION AND DEPTH



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ONE HOUR MARTINIZING
1923 MAIN STREET
GREEN BAY, WI 54302

DRWN: MKH DATE: 10/06/16 APPD: XXX

TITLE: GROUNDWATER
CHEMISTRY
SEPT. 22, 2016

BRRTS: 02-05-217276
JOB NO.: 14-1138

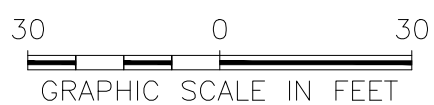
FIGURE:
2



LEGEND

- MW-1 MONITORING WELL
- GAS LINE
- STORM SEWER
- SANITARY SEWER
- WATERMAIN

- 596.29 GROUNDWATER ELEVATION (ft/msl)
- 594.87* NOT USED IN CONTOUR
- GROUNDWATER FLOW DIRECTION
- JULY 2015 EXCAVATION



FEHR GRAHAM ENGINEERING & ENVIRONMENTAL ONE HOUR MARTINIZING 1923 MAIN STREET GREEN BAY, WI 54302 DRWN:MKH DATE:10/06/16 APPD:XXX	TITLE: GROUNDWATER ELEVATION SEPT. 22, 2016 BRRTS: 02-05-217276 JOB NO.:14-1138	FIGURE: 1
	<small>© 2014 FEHR GRAHAM</small>	

TABLE A.6
Water Level Elevations
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Well Identification	MW-1	PZ-1	MW-2	MW-3	SMW-3	MW-4	MW-5
Top of Casing Elevation (ft MSL)	98.61	99.15	98.31	98.29	--	99.27	98.92
Top of Casing Elevation (ft MSL)*	602.01	602.07	600.55	--	601.25	601.51	601.69
Ground Surface Elevation (ft. MSL)	99.01	99.51	98.63	98.71	--	99.71	99.19
Ground Surface Elevation (ft. MSL)*	602.28	602.26	600.80	--	601.45	601.83	601.95
Total Well Depth	12.43	22.23	12.70	12.89	15.30	12.30	12.64
Stickup	-0.40	-0.36	-0.32	-0.42		-0.44	-0.27
Stickup*	-0.27	-0.19	-0.25	--	-0.20	-0.32	-0.26
Screened Elevation (ft MSL)							

Well Identification	MW-6	MW-7	MW-8	MW-9	GEC TW-4	GEC TW-5
Top of Casing Elevation (ft MSL)	97.65	97.83	98.91	97.43		
Top of Casing Elevation (ft MSL)*	601.23	601.39	602.24	599.89	602.19	
Ground Surface Elevation (ft. MSL)	97.93	98.13	99.29	97.77	0.00	0.00
Ground Surface Elevation (ft. MSL)*	601.27	601.66	602.38	600.16	602.70	
Total Well Depth	12.55	12.26	12.54	13.50	12.88	12.68
Stickup	-0.28	-0.30	-0.38	-0.34	0.00	
Stickup*	-0.04	-0.27	-0.14	-0.27	-0.51	0.00
Screened Elevation (ft MSL)						

Sample Date	MW-1			PZ-1			MW-2		
	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
6/8/1999	4.83	5.23	93.78	12.64	13.00	86.51	4.81	5.13	93.50
1/3/2000	6.61	7.01	92.00	6.90	7.26	92.25	6.78	7.10	91.53
4/22/2004	3.98	4.38	94.63	5.20	5.56	93.95	4.76	5.08	93.55
7/22/2004	4.05	4.45	94.56	5.16	5.52	93.99	5.02	5.34	93.29
10/27/2004	5.07	5.47	93.54	5.92	6.28	93.23	5.65	5.97	92.66
1/25/2005	5.84	6.24	92.77	6.90	7.26	92.25	6.67	6.99	91.64
10/31/2006	4.10	4.50	94.51	5.07	5.43	94.08	4.91	5.23	93.40
4/30/2007	3.43	3.83	95.18	4.89	5.25	94.26	4.43	4.75	93.88
10/15/2010	3.98	4.38	94.63	5.29	5.65	93.86	4.80	5.12	93.51
12/12/2012	4.69	5.09	93.92	7.80	8.16	91.35	5.97	6.29	92.34
11/12/2015	3.22	3.62	95.39	4.86	5.22	94.29	4.60	4.92	93.71
6/24/2016	3.70	4.10	94.91	5.10	5.46	94.05	4.84	5.16	93.47
9/22/2016*	5.72	5.99	596.29	7.20	7.39	594.87	4.80	5.05	595.75

Sample Date	MW-3			SMW-3			MW-4		
	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
6/8/1999	2.65	3.07	95.64		Not Installed		2.84	3.28	96.43
1/3/2000	4.94	5.36	93.35		Not Installed		5.25	5.69	94.02
4/22/2004	2.57	2.99	95.72		Not Installed		2.55	2.99	96.72
7/22/2004	2.78	3.20	95.51		Not Installed			No Data	
10/27/2004	3.74	4.16	94.55		Not Installed		4.08	4.52	95.19
1/25/2005	5.10	5.52	93.19		Not Installed			No Data	
10/31/2006	3.06	3.48	95.23		Not Installed		3.35	3.79	95.92
4/30/2007	2.21	2.63	96.08		Not Installed			No Data	
10/15/2010	3.19	3.61	95.10		Not Installed		3.28	3.72	95.99
12/12/2012	4.92	5.34	93.37		Not Installed		4.44	4.88	94.83
11/12/2015	Abandoned 2015 Excavation			5.68	5.68	--	4.22	4.66	95.05
6/24/2016	Abandoned 2015 Excavation			5.56	5.56	--	4.24	4.68	95.03
9/22/2016*	Abandoned 2015 Excavation			6.18	6.38	595.07	4.61	4.93	596.90

TABLE A.6
Water Level Elevations
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Well Identification	MW-1	PZ-1	MW-2	MW-3	SMW-3	MW-4	MW-5
Top of Casing Elevation (ft MSL)	98.61	99.15	98.31	98.29	--	99.27	98.92
Top of Casing Elevation (ft MSL)*	602.01	602.07	600.55	--	601.25	601.51	601.69
Ground Surface Elevation (ft. MSL)	99.01	99.51	98.63	98.71	--	99.71	99.19
Ground Surface Elevation (ft. MSL)*	602.28	602.26	600.80	--	601.45	601.83	601.95
Total Well Depth	12.43	22.23	12.70	12.89	15.30	12.30	12.64
Stickup	-0.40	-0.36	-0.32	-0.42		-0.44	-0.27
Stickup*	-0.27	-0.19	-0.25	--	-0.20	-0.32	-0.26
Screened Elevation (ft MSL)							

Well Identification	MW-6	MW-7	MW-8	MW-9	GEC TW-4	GEC TW-5
Top of Casing Elevation (ft MSL)	97.65	97.83	98.91	97.43		
Top of Casing Elevation (ft MSL)*	601.23	601.39	602.24	599.89	602.19	
Ground Surface Elevation (ft. MSL)	97.93	98.13	99.29	97.77	0.00	0.00
Ground Surface Elevation (ft. MSL)*	601.27	601.66	602.38	600.16	602.70	
Total Well Depth	12.55	12.26	12.54	13.50	12.88	12.68
Stickup	-0.28	-0.30	-0.38	-0.34	0.00	
Stickup*	-0.04	-0.27	-0.14	-0.27	-0.51	0.00
Screened Elevation (ft MSL)						

Sample Date	MW-5			MW-6			MW-7		
	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
6/8/1999	Not Installed			Not Installed			Not Installed		
1/3/2000	4.83	5.10	94.09	4.94	5.22	92.71	6.61	6.91	91.22
4/22/2004	2.13	2.40	96.79	2.60	2.88	95.05	3.71	4.01	94.12
7/22/2004		No Data			No Data			No Data	
10/27/2004	3.64	3.91	95.28	3.74	4.02	93.91	4.91	5.21	92.92
1/25/2005		No Data			No Data			No Data	
10/31/2006	3.06	3.33	95.86	3.38	3.66	94.27	4.11	4.41	93.72
4/30/2007		No Data			No Data			No Data	
10/15/2010	2.96	3.23	95.96	3.39	3.67	94.26	4.19	4.49	93.64
12/12/2012	5.07	5.34	93.85	4.89	5.17	92.76	4.76	5.06	93.07
11/12/2015	5.00	5.27	93.92	4.67	4.95	92.98	3.58	3.88	94.25
6/24/2016	5.00	5.27	93.92	4.63	4.91	93.02	4.18	4.48	93.65
9/22/2016*	5.50	5.76	596.19	6.79	6.83	594.44	6.39	6.66	595.00

Sample Date	MW-8			MW-9			GES TW-4		
	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl.)
6/8/1999	Not Installed			Not Installed			No Data		
1/3/2000	6.41	6.79	92.50				No Data		
4/22/2004	4.03	4.41	94.88	4.31	4.65	93.12	No Data		
7/22/2004		No Data			No Data		No Data		
10/27/2004	5.26	5.64	93.65	5.24	5.58	92.19	No Data		
1/25/2005		No Data			No Data		No Data		
10/31/2006	4.07	4.45	94.84	4.00	4.34	93.43	No Data		
4/30/2007		No Data			No Data		No Data		
10/15/2010	3.89	4.27	95.02	6.03	6.37	91.40	No Data		
12/12/2012	4.78	5.16	94.13	6.74	7.08	90.69	No Data		
11/12/2015	3.12	3.50	95.79	4.57	4.91	92.86	4.03	4.03	-4.03
6/24/2016	4.96	5.34	93.95	5.65	5.99	91.78	4.28	4.28	-4.28
9/22/2016*	5.51	5.65	596.73	5.39	5.66	594.50	5.43	5.94	596.76

Sample Date	GES TW-5		
	Depth to Water (ft below PVC Lip)	Depth to Water (below grade)	Groundwater Elev. (ft msl)
11/12/2015	3.77	3.77	-3.77
6/24/2016	3.93	3.93	-3.93
9/22/2016*	5.92	5.92	-5.92

NOTES:

ft MSL - Feet below Mean Sea Level

* = Elevations resurveyed after construction (10/13/16)

A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	HA-1	MW-1													
Date	6/8/99			6/17/99	1/3/00	4/22/04	7/22/04	10/28/04	1/25/05	10/31/06	4/30/07	10/15/10	10/15/10	12/12/12	11/15/15	4/20/16	6/24/16	9/22/16
Groundwater Elevation	NA			93.78	92.00	94.63	94.56	93.54	92.77	94.51	95.18	94.63	--	93.92	95.39	--	94.91	596.29
Notes													Dup			GEC		
Benzene	(ug/L)	0.5	5	<0.94	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50	<0.44	<0.50	<0.50
Ethylbenzene	(ug/L)	140	700	<0.97	<0.19	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50	<0.71	<0.50	<0.50
Toluene	(ug/L)	160	800	<0.55	0.14P	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50	<0.44	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<2.85	<0.57	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5	<3.1	<1.5	<1.5
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	<1.8	<1.0	<0.9	<1.0
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	<0.83	<0.50	<2.2	<.50
Naphthalene	(ug/L)	10	100	<0.41	<0.08	<0.082	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.89	<0.89	<0.89	<2.5	--	<2.5
MTBE	(ug/L)	12	60	--	--	--	--	--	--	--	--	--	--	--	<0.61	<0.17	<1.1	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	<0.97	<0.50	<1.6	<0.5
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	--	--	<0.83	<0.50	<1.5	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<4.05	<0.81	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0	<3.1	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	84.7	71.9	20	16	21	22	17	16	16	19.9	17	6.5	6.8	7.6	6.1
Trichloroethene (TCE)	(ug/L)	0.5	5	1.79P	0.29P	<0.21	<0.48	<0.48	0.52	0.60	<0.48	<0.48	<0.48	<0.48	<0.48	<0.33	<0.47	<0.33
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.93	<0.19	<0.19	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.26	<0.45	<0.26
trans-1,2-Dichloroethene	(ug/L)	20	100	--	--	--	--	--	--	--	--	--	--	--	<0.89	<0.26	<0.44	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	<0.70	<0.14	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.17	<0.18
Methylene Chloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	--	--	<0.43	<0.23	NA	<0.23

Notes:
 NS = No standard established
 -- = Not analyzed or reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	PZ-1												4/20/16	6/24/16	9/22/16	
Date	6/17/99			1/3/00	4/22/04	7/22/04	10/28/04	1/25/05	10/31/06	4/30/07	10/15/10	12/12/12	11/12/15	6/24/16					
Groundwater Elevation	86.51			92.25	93.95	93.99	93.23	92.25	94.08	94.26	93.86	91.35	94.29	--	94.05				594.87
Notes														GEC					
Benzene	(ug/L)	<i>0.5</i>	5	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50	NOT SAMPLED	NOT SAMPLED	<0.50		
Ethylbenzene	(ug/L)	<i>140</i>	700	<0.19	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50			<0.50		
Toluene	(ug/L)	<i>160</i>	800	<0.11	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50			<0.50		
Xylenes (TOTAL)	(ug/L)	<i>400</i>	2,000	<0.57	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5			<1.50		
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<1.8	<1.0			<1.0		
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<0.83	<0.50			<0.50		
Naphthalene	(ug/L)	<i>10</i>	100	<0.08	<0.082	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5			<2.5		
MTBE	(ug/L)	<i>12</i>	60	--	--	--	--	--	--	--	--	--	<0.61	<0.17			<0.17		
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<0.97	<0.50			<0.50		
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<0.83	<0.50			<0.50		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	<i>96</i>	480	<0.81	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0			<1.0		
Tetrachloroethene (PCE)	(ug/L)	<i>0.5</i>	5	<0.34	<0.34	<0.45	<0.45	4.8	15	<0.45	<0.45	<0.45	<0.45	<0.50			<0.50		
Trichloroethene (TCE)	(ug/L)	<i>0.5</i>	5	<0.21	<0.21	<0.48	<0.48	0.56	1.1	<0.48	<0.48	<0.48	<0.48	<0.33			<0.33		
cis-1,2-Dichloroethene	(ug/L)	<i>7</i>	70	<0.19	<0.19	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.26			<0.26		
trans-1,2-Dichloroethene	(ug/L)	<i>20</i>	100	--	--	--	--	--	--	--	--	--	<0.89	<0.26			<0.26		
Vinyl Chloride	(ug/L)	<i>0.02</i>	0.2	<0.14	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18			<0.18		
Methylene Chloride	(ug/L)	<i>0.5</i>	5	--	--	--	--	--	--	--	--	--	<0.43	<0.23	<0.23				

Notes:
 NS = No standard established
 -- = Not analyzed or reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-2												4/20/16	6/24/16	9/22/16
				6/17/99	1/3/00	4/22/04	7/22/04	10/28/04	1/25/05	10/31/06	4/30/07	10/15/10	12/12/12	11/12/15				
Date				93.50	91.53	93.55	93.29	92.66	91.64	93.40	93.88	93.51	92.34	93.71	--	93.47	595.75	
Groundwater Elevation															GEC			
Notes																		
Benzene	(ug/L)	<i>0.5</i>	5	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50	NOT SAMPLED	<0.50	<0.50	
Ethylbenzene	(ug/L)	<i>140</i>	700	<0.19	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50		<0.50	<0.50	
Toluene	(ug/L)	<i>160</i>	800	<0.11	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	1.6	<0.50		<0.50	<0.50	
Xylenes (TOTAL)	(ug/L)	<i>400</i>	2,000	<0.57	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5		<1.5	<1.5	
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<1.8	<1.0		<1.0	<1.0	
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<0.83	<0.50		<0.50	<0.50	
Naphthalene	(ug/L)	<i>10</i>	100	<0.08	<0.082	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5		<2.5	<2.5	
MTBE	(ug/L)	<i>12</i>	60	--	--	--	--	--	--	--	--	--	<0.61	<0.17		<0.17	<0.17	
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<0.97	<0.50		<0.50	<0.50	
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<0.83	<0.50		<0.50	<0.50	
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	<i>96</i>	480	<0.81	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0		<1.0	<1.0	
Tetrachloroethene (PCE)	(ug/L)	<i>0.5</i>	5	<0.34	<0.34	<0.45	<0.45	9.8	15	<0.45	<0.45	<0.48	<0.45	<0.50		<0.50	<0.50	
Trichloroethene (TCE)	(ug/L)	<i>0.5</i>	5	<0.21	<0.21	<0.48	<0.48	0.8	1.2	<0.48	<0.48	<0.48	<0.48	<0.33		<0.33	<0.33	
cis-1,2-Dichloroethene	(ug/L)	<i>7</i>	70	<0.19	<0.19	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.26		<0.26	<0.26	
trans-1,2-Dichloroethene	(ug/L)	<i>20</i>	100	--	--	--	--	--	--	--	--	--	<0.89	<0.26		<0.26	<0.26	
Vinyl Chloride	(ug/L)	<i>0.02</i>	0.2	<0.14	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		<0.18	<0.18	
Methylene Chloride	(ug/L)	<i>0.5</i>	5	--	--	--	--	--	--	--	--	--	<0.43	<0.23	<0.23	<0.23		

Notes:
 NS = No standard established
 -- = Not analyzed or reported for parameter

ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-3										SMW-3			
Date	6/17/99			1/3/00	4/22/04	7/22/04	10/28/04	1/25/05	10/31/06	4/30/07	10/15/10	12/12/12	11/12/15	11/12/15	4/20/16	6/24/16	9/22/16
Groundwater Elevation	95.64			93.35	95.72	95.51	94.55	93.19	95.23	96.08	95.10	93.37	--	--	--	--	595.07
Notes															GEC		
Benzene	(ug/L)	0.5	5	<31.3	<0.19	<10	<10	<41	<82	<20	<41	<2.0	<102	<20.0	<0.44	<20.0	<10.0
Ethylbenzene	(ug/L)	140	700	<32.3	<0.19	<14	<14	<54	<110	<27	<54	<2.7	<135	<20.0	<0.71	<20.0	<10.0
Toluene	(ug/L)	160	800	<18.3	0.75	<17	<17	<67	<130	<34	<67	<3.4	<168	<20.0	<0.44	<20.0	<10.0
Xylenes (TOTAL)	(ug/L)	400	2,000	<95	2.2	<66	<66	<263	<530	<132	<263	<13.2	<658	<60.0	<3.1	<60.0	<30.0
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<450	<40.0	<0.9	<40.0	<20.0
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<208	<20.0	<2.2	<20.0	<10.0
Naphthalene	(ug/L)	10	100	<13.7	<0.082	<18	<18	<74	<150	<37	<74	<4.4	<222	<100	--	<100	<50.0
MTBE	(ug/L)	12	60	--	--	--	--	--	--	--	--	--	<152	<7.0	<1.1	<7.0	<3.5
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<242	<20.0	<1.6	<20.0	<10.0
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	--	--	<208	<20.0	<1.5	<20.0	<10.0
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<135	5.4	<45	<45	<180	<360	<90	<180	<9.0	<450	<40.0	<3.1	<40.0	<20.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	2,600	76	4,400	2,800	10,000	12,000	4,700	5,200	602	13,700	3,100	760	1,790	2,450
Trichloroethene (TCE)	(ug/L)	0.5	5	<35.3	89	190	200	450	570	360	410	191	1,500	504	197	425	616
cis-1,2-Dichloroethene	(ug/L)	7	70	<31	1.6	<21	<21	<83	<170	<42	<83	34.4	<208	86.5	24.3	54.7	201
trans-1,2-Dichloroethene	(ug/L)	20	100	--	--	--	--	--	--	--	--	--	<222	<10.3	2.22	<10.3	18.5 J
Vinyl Chloride	(ug/L)	0.02	0.2	<23.3	1.2	<4.5	<4.5	<18	<36	<9.0	<18	<0.9	<45.0	<7.0	0.40 J	<7.0	5.8 J
Methylene Chloride	(ug/L)	0.5	5	--	--	--	--	--	--	--	--	--	<108	<9.3	--	<9.3	<4.7

REMOVED DURING 2015 EXCAVATION

Notes:
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ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-4										
Date	6/17/99			1/3/00	4/22/04	10/28/04	10/31/06	10/15/10	12/12/12	11/12/15	4/20/16	6/24/16	9/22/16	
Groundwater Elevation	96.43			94.02	96.72	95.19	95.92	95.99	94.83	95.05	--	95.03	596.90	
Notes											GEC			
Benzene	(ug/L)	<i>0.5</i>	5	<0.19	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50	<0.44	<0.50	<0.50
Ethylbenzene	(ug/L)	<i>140</i>	700	<0.19	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50	<0.71	<0.50	<0.50
Toluene	(ug/L)	<i>160</i>	800	<0.11	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50	<0.44	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	<i>400</i>	2,000	<0.57	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5	<3.1	<1.5	<1.5
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	<1.8	<1.0	<0.9	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	--	<0.83	<0.50	<2.2	<0.50	<0.50
Naphthalene	(ug/L)	<i>10</i>	100	<0.08	<0.082	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5	--	<2.5	<2.5
MTBE	(ug/L)	<i>12</i>	60	--	--	--	--	--	--	--	<0.17	<1.1	<0.17	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	<0.50	<1.6	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	--	--	<0.50	<1.5	<0.50	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	<i>96</i>	480	<0.81	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0	<3.1	<1.0	<1.0
Tetrachloroethene (PCE)	(ug/L)	<i>0.5</i>	5	<0.34	<0.34	<i>1.9</i>	<i>2.0</i>	<i>3.0</i>	<0.45	<0.45	<i>1.4</i>	<i>0.89 J</i>	<i>1.1</i>	<i>1.3</i>
Trichloroethene (TCE)	(ug/L)	<i>0.5</i>	5	<0.21	<0.21	<0.48	<0.48	<0.48	<0.48	<0.48	<0.33	<0.47	<0.33	<0.33
cis-1,2-Dichloroethene	(ug/L)	<i>7</i>	70	<0.19	<0.19	<0.83	<0.83	<0.83	<0.83	<0.83	<0.26	<0.45	<0.26	<0.26
trans-1,2-Dichloroethene	(ug/L)	<i>20</i>	100	--	--	--	--	--	--	<0.89	<0.26	<0.54	<0.26	<0.26
Vinyl Chloride	(ug/L)	<i>0.02</i>	0.2	<0.14	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.17	<0.18	<0.18
Methylene Chloride	(ug/L)	<i>0.5</i>	5	--	--	--	--	--	--	<0.43	<0.23	--	<0.23	<0.23

Notes:
 NS = No standard established
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ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-5								NOT SAMPLED	NOT SAMPLED	
Date	1/3/00			4/22/04	10/28/04	10/31/06	10/15/10	12/12/12	11/12/15	4/20/16	6/24/16			9/22/16
Groundwater Elevation	94.09			96.79	95.28	95.86	95.96	93.85	93.92	--	93.92			596.19
Notes										GEC				
Benzene	(ug/L)	<i>0.5</i>	5	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50		<0.50		
Ethylbenzene	(ug/L)	<i>140</i>	700	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50		<0.50		
Toluene	(ug/L)	<i>160</i>	800	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50		<0.50		
Xylenes (TOTAL)	(ug/L)	<i>400</i>	2,000	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5		<1.5		
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<1.8	<1.0		<1.0		
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50		<0.50		
Naphthalene	(ug/L)	<i>10</i>	100	<0.082	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5		<2.5		
MTBE	(ug/L)	<i>12</i>	60	--	--	--	--	--	<0.61	<0.17		<0.17		
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.97	<0.50		<0.50		
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50		<0.50		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	<i>96</i>	480	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0		<1.0		
Tetrachloroethene (PCE)	(ug/L)	<i>0.5</i>	5	<0.34	1.9	<0.45	<0.45	<0.45	<0.45	<0.50		<0.50		
Trichloroethene (TCE)	(ug/L)	<i>0.5</i>	5	<0.21	<0.48	<0.48	<0.48	<0.48	<0.48	<0.33		<0.33		
cis-1,2-Dichloroethene	(ug/L)	<i>7</i>	70	<0.19	<0.83	<0.83	<0.83	<0.83	<0.83	<0.26		<0.26		
trans-1,2-Dichloroethene	(ug/L)	<i>20</i>	100	--	--	--	--	--	<0.89	<0.26		<0.26		
Vinyl Chloride	(ug/L)	<i>0.02</i>	0.2	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		<0.18		
Methylene Chloride	(ug/L)	<i>0.5</i>	5	--	--	--	--	--	<0.43	<0.23		<0.23		

Notes:
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ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
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A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-6								GEC			
Date	1/3/00			4/22/04	10/28/04	10/31/06	10/15/10	12/12/12	11/12/15	4/20/16	6/23/16				9/22/16
Groundwater Elevation	92.71			95.05	93.91	94.27	94.26	92.76	92.98	--	92.02				594.44
Notes															
Benzene	(ug/L)	<i>0.5</i>	5	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50	NOT SAMPLED	<0.50	<0.50		
Ethylbenzene	(ug/L)	<i>140</i>	700	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50		<0.50	<0.50		
Toluene	(ug/L)	<i>160</i>	800	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50		<0.50	<0.50		
Xylenes (TOTAL)	(ug/L)	<i>400</i>	2,000	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5		<1.5	<1.5		
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<1.8	<1.0		<1.0	<1.0		
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50		<0.49	<0.50		
Naphthalene	(ug/L)	<i>10</i>	100	<0.082	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5		<2.4	<2.5		
MTBE	(ug/L)	<i>12</i>	60	--	--	--	--	--	<0.61	<0.17		<0.17	<0.17		
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.97	<0.50		<0.50	<0.50		
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50		<0.50	<0.50		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	<i>96</i>	480	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0		<1.1	<1.0		
Tetrachloroethene (PCE)	(ug/L)	<i>0.5</i>	5	<0.34	<0.45	<0.45	<0.45	<0.45	<0.45	<0.50		<0.50	<0.50		
Trichloroethene (TCE)	(ug/L)	<i>0.5</i>	5	<0.21	<0.48	<0.48	<0.48	<0.48	<0.48	<0.33		<0.33	<0.33		
cis-1,2-Dichloroethene	(ug/L)	<i>7</i>	70	<0.19	<0.83	<0.83	<0.83	<0.83	<0.83	<0.26		<0.26	<0.26		
trans-1,2-Dichloroethene	(ug/L)	<i>20</i>	100	--	--	--	--	--	<0.89	<0.26		<0.26	<0.26		
Vinyl Chloride	(ug/L)	<i>0.02</i>	0.2	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18			
Methylene Chloride	(ug/L)	<i>0.5</i>	5	--	--	--	--	--	<0.43	<0.23	<0.23	<0.23			

Notes:
 NS = No standard established
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ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
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A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-7									
				1/3/00	4/22/04	10/28/04	10/31/06	10/15/10	12/12/12	11/12/15	4/21/16	6/24/16	9/22/16
Date				91.22	94.12	92.92	93.72	93.64	93.07	94.25	--	93.65	595.00
Groundwater Elevation											GEC		
Notes													
Benzene	(ug/L)	0.5	5	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50	<0.44	<0.50	<0.50
Ethylbenzene	(ug/L)	140	700	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50	<0.71	<0.50	<0.50
Toluene	(ug/L)	160	800	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50	<0.44	<0.50	<0.50
Xylenes (TOTAL)	(ug/L)	400	2,000	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5	<3.1	<1.5	<1.5
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<1.8	<1.0	<0.9	<1.0	<1.0
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50	<2.2	<0.50	<0.50
Naphthalene	(ug/L)	10	100	<0.082	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5	--	<2.5	<2.5
MTBE	(ug/L)	12	60	--	--	--	--	--	<0.61	<0.17	<1.1	<0.17	<0.17
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.97	<0.50	<1.6	<0.50	<0.50
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50	<1.5	<0.50	<0.50
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0	<3.1	<1.0	<1.0
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.34	<0.45	30	<0.45	1.3	2	16.5	14.3	14.8	4.0
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.21	<0.48	2.0	<0.48	0.78J	<0.48	0.49 J	<0.47	0.33 J	0.54 J
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.19	<0.83	<0.83	<0.83	2.2	<0.83	<0.26	<0.45	<0.26	<0.26
trans-1,2-Dichloroethene	(ug/L)	20	100	--	--	--	--	--	<0.89	<0.26	<0.54	<0.26	<0.26
Vinyl Chloride	(ug/L)	0.02	0.2	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.17	<0.18	<0.18
Methylene Chloride	(ug/L)	0.5	5	--	--	--	--	--	<0.43	<0.23	--	<0.23	<0.23

Notes:
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ITALICS indicates exceedance of NR 140.10 Preventive Action Limit
BOLD indicates exceedance of NR 140.10 Enforcement Standard

A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-8								NOT SAMPLED		
Date	1/3/00			4/22/04	10/28/04	10/31/06	10/15/10	12/12/12	11/12/15	4/20/16	6/24/16			9/22/16
Groundwater Elevation	92.50			94.88	93.65	94.84	95.02	94.13	95.79	--	93.95			596.73
Notes										GEC				
Benzene	(ug/L)	<i>0.5</i>	5	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50	<0.44	<0.50		
Ethylbenzene	(ug/L)	<i>140</i>	700	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50	<0.71	<0.50		
Toluene	(ug/L)	<i>160</i>	800	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50	<0.44	<0.50		
Xylenes (TOTAL)	(ug/L)	<i>400</i>	2,000	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5	<3.1	<1.5		
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<1.8	<1.0	<0.9	<1.0		
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50	<2.2	<0.50		
Naphthalene	(ug/L)	<i>10</i>	100	<0.082	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5	--	<2.5		
MTBE	(ug/L)	<i>12</i>	60	--	--	--	--	--	<0.61	<0.17	<1.1	<0.17		
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.97	<0.50	<1.6	<0.50		
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50	<1.5	<0.50		
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	<i>96</i>	480	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0	<3.1	<1.0		
Tetrachloroethene (PCE)	(ug/L)	<i>0.5</i>	5	<0.34	<0.45	<0.45	<0.45	<0.45	<0.45	<0.50	<0.49	<0.50		
Trichloroethene (TCE)	(ug/L)	<i>0.5</i>	5	<0.21	<0.48	<0.48	<0.48	<0.48	<0.48	<0.33	<0.47	<0.33		
cis-1,2-Dichloroethene	(ug/L)	<i>7</i>	70	<0.19	<0.83	<0.83	<0.83	<0.83	<0.83	<0.26	<0.45	<0.26		
trans-1,2-Dichloroethene	(ug/L)	<i>20</i>	100	--	--	--	--	--	<0.89	<0.26	<0.54	<0.26		
Vinyl Chloride	(ug/L)	<i>0.02</i>	0.2	<0.14	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.17	<0.18		
Methylene Chloride	(ug/L)	<i>0.5</i>	5	--	--	--	--	--	<0.43	<0.23	--	<0.23		

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A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	MW-9								NOT SAMPLED						
Date	Groundwater Elevation			Notes	8/28/01	4/22/04	10/28/04	10/31/06	10/15/10	12/12/12	11/12/15				4/20/16	6/24/16	9/22/16	
						NA	93.12	92.19	93.43	91.40	90.69				92.86	--	91.78	594.50
																GEC		
Benzene	(ug/L)	0.5	5	<0.19	<0.41	<0.41	<0.41	<0.41	<0.41	<0.50		<0.50	<0.50					
Ethylbenzene	(ug/L)	140	700	<0.19	<0.54	<0.54	<0.54	<0.54	<0.54	<0.50		<0.50	<0.50					
Toluene	(ug/L)	160	800	<0.11	<0.67	<0.67	<0.67	<0.67	<0.67	<0.50		<0.50	<0.50					
Xylenes (TOTAL)	(ug/L)	400	2,000	<0.39	<2.63	<2.63	<2.63	<2.63	<2.63	<1.5		<1.5	<1.5					
m&p-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<1.8	<1.0		<1.0	<1.0					
o-Xylene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50		<0.50	<0.50					
Naphthalene	(ug/L)	10	100	<0.082	<0.74	<0.74	<0.74	<0.89	<0.89	<2.5		<2.5	<2.5					
MTBE	(ug/L)	12	60	--	--	--	--	--	<0.61	<0.17		<0.17	<0.17					
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.97	<0.50		<0.50	<0.50					
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	--	--	--	--	--	<0.83	<0.50		<0.50	<0.50					
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	96	480	<0.81	<1.80	<1.80	<1.80	<1.80	<1.80	<1.0		<1.0	<1.0					
Tetrachloroethene (PCE)	(ug/L)	0.5	5	<0.34	<0.45	<0.45	<0.45	<0.45	<0.45	<i>0.94 J</i>		<i>0.73 J</i>	<i>0.60 J</i>					
Trichloroethene (TCE)	(ug/L)	0.5	5	<0.098	<i>0.55</i>	<i>2.6</i>	<i>0.7</i>	<0.48	<0.48	<i>1.7</i>		<i>1.0</i>	<i>0.78 J</i>					
cis-1,2-Dichloroethene	(ug/L)	7	70	<0.19	1.2	3.4	<0.83	<0.83	<0.83	<0.26		<0.26	<0.26					
trans-1,2-Dichloroethene	(ug/L)	20	100	--	--	--	--	--	<0.89	<0.26		<0.26	<0.26					
Vinyl Chloride	(ug/L)	0.02	0.2	<23	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		<0.18	<0.18					
Methylene Chloride	(ug/L)	0.5	5	--	--	--	--	--	<0.43	<0.23		<0.23	<0.23					

Notes:
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A.1.1
 Groundwater Analytical Table - VOCs
 One Hour Martinizing
 1923 Main St., Green Bay, WI 54302
 BRRTS #02-05-217276

Sample ID		NR 140.10 Preventive Action Limit	NR 140.10 Enforcement Standard	GEC MW-10	GEC MW-11	GEC MW-12	GEC MW-13	GEX MW-14	GEC TW-4				GEC TW-5				W-1	Trip Blank		
Date	4/21/16			4/21/16	4/21/16	4/21/16	4/21/16	9/24/15	11/12/15	6/24/16	9/22/16	9/24/15	11/12/15	6/24/16	9/22/16	6/20/16	11/12/15	6/24/16	9/22/16	
Groundwater Elevation	--			--	--	--	--	--	--	--	596.76	--	--	--	--	--	--	--	--	
Notes																				
Benzene	(ug/L)	<i>0.5</i>	5	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.50	NOT SAMPLED	<0.50	<0.44	<0.50	<0.50	<0.50	<0.44	<0.50	<0.50	<0.50
Ethylbenzene	(ug/L)	<i>140</i>	700	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.50		<0.50	<0.71	<0.50	<0.50	<0.50	<0.71	<0.50	<0.50	<0.50
Toluene	(ug/L)	<i>160</i>	800	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.50		<0.50	<0.44	<0.50	<0.50	<0.44	<0.50	<0.50	<0.50	
Xylenes (TOTAL)	(ug/L)	<i>400</i>	2,000	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<1.5		<1.5	<3.1	<1.5	<1.5	<3.1	<1.5	<1.5	<1.5	
m&p-Xylene	(ug/L)	NS	NS	<0.9	<0.9	<0.9	<0.9	<0.9	<2.2	<1.0		<1.0	<2.2	<1.0	<1.0	<2.2	<1.0	<1.0	<1.0	
o-Xylene	(ug/L)	NS	NS	<2.2	<2.2	<2.2	<2.2	<2.2	<0.9	<0.50		<0.50	<0.9	<0.50	<0.50	<0.9	<0.50	<0.50	<0.50	
Naphthalene	(ug/L)	<i>10</i>	100	--	--	--	--	--	--	<2.5		<2.5	--	<2.5	<2.5	<2.5	<1.6	<2.5	<2.5	
MTBE	(ug/L)	<i>12</i>	60	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<0.17		<0.17	<1.1	<0.17	<0.17	<0.17	<1.1	<0.17	<0.17	
1,2,4-Trimethylbenzene	(ug/L)	NS	NS	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<0.50		<0.50	<1.6	<0.50	<0.50	<1.6	<0.50	<0.50	<0.50	
1,3,5-Trimethylbenzene	(ug/L)	NS	NS	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<0.50		<0.50	<1.5	<0.50	<0.50	<1.5	<0.50	<0.50	<0.50	
Trimethylbenzene Total (1,2,4- & 1,3,5-)	(ug/L)	<i>96</i>	480	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<1.0		<1.0	<3.1	<1.0	<1.0	<3.1	<1.0	<1.0	<1.0	
Tetrachloroethene (PCE)	(ug/L)	<i>0.5</i>	5	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.50		<0.50	<0.49	<0.50	<0.50	<0.49	<0.50	<0.50	<0.50	
Trichloroethene (TCE)	(ug/L)	<i>0.5</i>	5	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.33		<0.33	<0.47	<0.33	<0.33	<0.47	<0.33	<0.33	<0.33	
cis-1,2-Dichloroethene	(ug/L)	<i>7</i>	70	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.26		<0.26	<0.45	<0.26	<0.26	<0.45	<0.26	<0.26	<0.26	
trans-1,2-Dichloroethene	(ug/L)	<i>20</i>	100	<0.54	<0.54	<0.54	<0.54	<0.54	--	<0.26		<0.26	--	<0.26	<0.26	<0.54	<0.26	<0.26	<0.26	
Vinyl Chloride	(ug/L)	<i>0.02</i>	0.2	<0.17	<0.17	<0.17	<0.17	<0.17	--	<0.18		<0.18	--	<0.18	<0.18	<0.17	<0.18	<0.18	<0.18	
Methylene Chloride	(ug/L)	<i>0.5</i>	5	--	--	--	--	--	--	<0.23		<0.23	--	<0.23	<0.23	<1.3	<0.23	<0.23	<0.23	

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