



600 South Wagner Road
Ann Arbor, MI 48103-6019
Phone: 734-913-6130
Fax: 734-913-6103

Sample Analysis Report

August, 2006

Analyst Initials *MS*
Date 09/08/06

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
EXTRACTION WELLS							
AE-3-08-07-06-12:09	76	1.0		5.0		10.0	
HZ-S-08-07-06-13:01	1467	1.0		5.0		10.0	
LB-1-08-07-06-12:05	466	1.0		5.0		10.0	
LB-3-08-07-06-12:07	557	1.0		5.0		10.0	
PW-1-08-07-06-12:35	1274	1.0		5.0		10.0	
DOLPH-08-07-06-12:27	109	1.0		5.0		10.0	
TW-5-08-31-06-13:55	897	1.0		5.0		10.0	
TW-6-08-07-06-12:37	290	1.0		5.0		10.0	
TW-8-08-07-06-13:40	779	1.0		5.0		10.0	
TW-9-08-07-06-12:58	1713	1.0		5.0		10.0	
TW-10-08-07-06-12:55	2450	1.0		5.0		10.0	
TW-11-08-07-06-12:20	386	1.0		5.0		10.0	
TW-12-08-07-06-12:29	54	1.0		5.0		10.0	
TW-13-08-07-06-13:19	414	1.0		5.0		10.0	
TW-14-08-07-06-13:07	186	1.0		5.0		10.0	
TW-17-08-07-06-13:12	206	1.0		5.0		10.0	
TW-18-08-07-06-12:39	1145	1.0		5.0		10.0	
TW-19-08-07-06-08:20	820	1.0	nd	5.0		10.0	
TW-19-08-14-06-09:40	787	1.0	nd	5.0		10.0	
TW-19-08-21-06-08:35	720	1.0	nd	5.0		10.0	
TW-19-08-28-06-09:20	708	1.0	nd	5.0		10.0	
TW-20-08-07-06-12:51	6036	1.0		5.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
TEMPORARY EXTRACTION WELLS							
MW-11d-08-31-06-07:45	280	1.0		5.0		10.0	
MW-50-08-07-06-13:45	341	1.0		5.0		10.0	
MW-50-08-31-06-08:10	322	1.0		5.0		10.0	
MW-58s-08-31-06-07:55	958	1.0		5.0		10.0	
MW-64-08-31-06-07:40	118	1.0		5.0		10.0	
SW-COMB-08-07-06-12:41	677	1.0		5.0		10.0	
RED POND							
Red Pond-08-07-06-07:45	1147	1.0		5.0	120	10.0	
Red Pond-08-14-06-07:47	1096	1.0		5.0	117	10.0	
Red Pond-08-21-06-07:35	1027	1.0		5.0	95	10.0	
Red Pond-08-28-06-08:20	996	1.0		5.0	117	10.0	
OUTFALL001							
OUTFALL-08-02-06-	8	1.0	5	5.0		10.0	
OUTFALL-08-03-06-	5	1.0	6	5.0		10.0	
OUTFALL-08-06-06-	6	1.0	6	5.0		10.0	
OUTFALL-08-07-06-	7	1.0	7	5.0		10.0	
OUTFALL-08-08-06-	6	1.0	6	5.0		10.0	
OUTFALL-08-09-06-	6	1.0	6	5.0		10.0	
OUTFALL-08-10-06-	6	1.0	7	5.0		10.0	
OUTFALL-08-13-06-	5	1.0	6	5.0		10.0	
OUTFALL-08-14-06-	5	1.0	7	5.0		10.0	
OUTFALL-08-15-06-	5	1.0	8	5.0		10.0	
OUTFALL-08-16-06-	5	1.0	8	5.0		10.0	
OUTFALL-08-17-06-	5	1.0	10	5.0		10.0	
OUTFALL-08-20-06-	5	1.0	7	5.0		10.0	
OUTFALL-08-21-06-	4	1.0	7	5.0		10.0	
OUTFALL-08-22-06-	4	1.0	5	5.0		10.0	
OUTFALL-08-23-06-	4	1.0	9	5.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
OUTFALL001							
OUTFALL-08-24-06-	4	1.0	9	5.0		10.0	
OUTFALL-08-27-06-	5	1.0	nd	5.0		10.0	
OUTFALL-08-28-06-	5	1.0	5	5.0		10.0	
OUTFALL-08-29-06-	5	1.0	nd	5.0		10.0	
OUTFALL-08-30-06-	4	1.0	5	5.0		10.0	
OUTFALL-08-31-06-	4	1.0	6	5.0		10.0	
D0							
MW-42s-08-14-06-11:00	nd	1.0		5.0		10.0	
MW-42d-08-14-06-10:25	nd	1.0		5.0		10.0	
MW-53i-08-11-06-08:45	51	1.0		5.0		10.0	
A2 Cleaning Supply-08-03-06-11:30	119	1.0		5.0		10.0	
D2							
545 Allison-08-11-06-11:00	6	1.0		5.0		10.0	
E							
MW-79s-08-10-06-12:50	905	1.0		5.0		10.0	
MW-81-08-11-06-13:45	397	1.0		5.0		10.0	
MW-87s-08-11-06-10:30	102	1.0		5.0		10.0	
MW-87d-08-11-06-10:00	507	1.0		5.0		10.0	
MW-88-08-11-06-09:25	25	1.0		5.0		10.0	
MW-89-08-10-06-13:20	nd	1.0		5.0		10.0	
MW-90-08-10-06-13:50	14	1.0		5.0		10.0	
MW-105s-08-03-06-14:15	3801	1.0		5.0		10.0	
MW-105d-08-03-06-15:05	1104	1.0		5.0		10.0	
TW-15-08-10-06-10:45	101	1.0		5.0		10.0	
Not Determined							
MW-97s-08-02-06-14:05	nd	1.0		5.0		10.0	
MW-97d-08-02-06-13:45	nd	1.0		5.0		10.0	
MW-98s-08-02-06-09:55	nd	1.0		5.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
Not Determined							
MW-98d-08-02-06-10:45	4	1.0		5.0		10.0	
MW-99s-08-03-06-07:50	nd	1.0		5.0		10.0	
MW-99d-08-03-06-08:23	nd	1.0		5.0		10.0	
MW-100-08-03-06-12:18	3	1.0		5.0		10.0	
MW-101-08-10-06-12:15	370	1.0		5.0		10.0	
MW-102s-08-02-06-08:35	nd	1.0		5.0		10.0	
MW-102d-08-02-06-09:10	nd	1.0		5.0		10.0	
MW-103s-08-03-06-10:35	8	1.0		5.0		10.0	
MW-103d-08-03-06-10:15	17	1.0		5.0		10.0	
MW-104-08-03-06-09:00	nd	1.0		5.0		10.0	
MW-106s-08-03-06-12:55	1676	1.0		5.0		10.0	
MW-106d-08-03-06-13:35	10	1.0		5.0		10.0	
First Sister Lake-08-25-06-13:15	10	1.0		5.0		10.0	
None							
3050 Jackson Rd-08-25-06-13:30	291	1.0		5.0		10.0	
Weber's Drain 1st Sister Lake-08-10-06-08:50	See Comments	1.0		5.0		10.0	Analysis failed.
Weber's Drain 1st Sister Lake-08-25-06-13:10	nd	1.0		5.0		10.0	
Maple-Inj-08-01-06-09:17	31	1.0	5	5.0		10.0	
Maple-Inj-08-02-06-13:20	38	1.0	6	5.0		10.0	
Maple-Inj-08-03-06-08:16	18	1.0	6	5.0		10.0	
Maple-Inj-08-04-06-09:12	19	1.0	6	5.0		10.0	
Maple-Inj-08-07-06-08:15	17	1.0	6	5.0		10.0	
Maple-Inj-08-08-06-08:00	14	1.0	6	5.0		10.0	
Maple-Inj-08-09-06-08:00	9	1.0	6	5.0		10.0	
Maple-Inj-08-10-06-08:10	12	1.0	6	5.0		10.0	
Maple-Inj-08-11-06-09:55	10	1.0	7	5.0		10.0	
Maple-Inj-08-14-06-09:35	12	1.0	6	5.0		10.0	
Maple-Inj-08-15-06-08:10	10	1.0	8	5.0		10.0	

Sample Name - Date Sampled - Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
None							
Maple-Inj-08-16-06-08:35	10	1.0	7	5.0		10.0	
Maple-Inj-08-17-06-06:55	11	1.0	7	5.0		10.0	
Maple-Inj-08-18-06-08:20	11	1.0	7	5.0		10.0	
Maple-Inj-08-21-06-08:30	10	1.0	7	5.0		10.0	
Maple-Inj-08-22-06-08:15	8	1.0	10	5.0		10.0	
Maple-Inj-08-23-06-09:10	14	1.0	3	5.0		10.0	
Maple-Inj-08-24-06-10:00	10	1.0	7	5.0		10.0	
Maple-Inj-08-25-06-08:30	10	1.0	8	5.0		10.0	
Maple-Inj-08-28-06-09:15	10	1.0	6	5.0		10.0	
Maple-Inj-08-29-06-12:30	13	1.0	5	5.0		10.0	
Maple-Inj-08-30-06-07:55	8	1.0	8	5.0		10.0	
Maple-Inj-08-31-06-09:55	4	1.0	9	5.0		10.0	

nd=Not detected at or above the Reporting Limit (R.L.)

1,4-Dioxane Precision and Accuracy Control Charting

<i>Analysis Date</i>	<i>Method Blank</i>	<i>CVS True Value</i>	<i>CVS Result</i>	<i>CVS % Recovery</i>	<i>LFB True Value:</i>	<i>LFB Result:</i>	<i>LFB % Recovery:</i>	<i>Sample Result:</i>	<i>MS/MSD True Value:</i>	<i>MS Result:</i>	<i>MSD Result:</i>	<i>MS % Recovery:</i>	<i>MSD % Recovery:</i>	<i>MS/MSD Mean:</i>	<i>MS/MSD RSD:</i>	<i>MS/MSD RPD:</i>
8/1/2006	0	10.00	9.56	95.6%	10.00	10.06	100.6	7.33	10.00	18.76	18.76	114.3	114.3	18.76	0.00	0.00%
					10.00	10.19	101.9									
8/2/2006	0	10.00	9.47	94.7%	10.00	9.60	96	37.65	10.00	48.13	48.84	104.8	111.9	48.49	1.04	1.46%
					10.00	9.67	96.7									
8/3/2006	0	10.00	9.51	95.1%	10.00	9.60	96	7.94	10.00	18.80	19.02	108.6	110.8	18.91	0.82	1.16%
					10.00	10.07	100.7									
8/4/2006	0	10.00	9.91	99.1%	10.00	9.80	98	5.13	10.00	16.90	17.10	117.7	119.7	17.00	0.83	1.18%
8/7/2006	0	10.00	9.59	95.9%	10.00	9.78	97.8	6.50	10.00	17.67	18.06	111.7	115.6	17.87	1.54	2.18%
					10.00	9.86	98.6									
8/8/2006	0	10.00	9.68	96.8%	10.00	9.62	96.2	6.96	10.00	18.19	17.94	112.3	109.8	18.07	0.98	1.38%
	0	10.00	9.06	90.6%	10.00	8.86	88.6									
					10.00	9.34	93.4									
					10.00	9.94	99.4									
8/9/2006	0	10.00	8.96	89.6%	10.00	9.02	90.2	8.90	10.00	20.68	20.54	117.8	116.4	20.61	0.48	0.68%
					10.00	9.14	91.4									
8/10/2006	0	10.00	9.08	90.8%	10.00	9.43	94.3	5.51	10.00	16.63	17.01	111.2	115	16.82	1.60	2.26%
8/14/2006	0	10.00	9.22	92.2%	10.00	9.80	98	5.21	10.00	16.75	17.15	115.4	119.4	16.95	1.67	2.36%
8/15/2006	0	10.00	9.85	98.5%	10.00	9.69	96.9	5.41	10.00	16.65	16.69	112.4	112.8	16.67	0.17	0.24%
8/16/2006	0	10.00	9.65	96.5%	10.00	9.07	90.7	5.13	10.00	16.27	16.39	111.4	112.6	16.33	0.52	0.73%
8/17/2006	0	10.00	10.79	107.9%	10.00	10.90	109	5.21	10.00	15.89	16.26	106.8	110.5	16.08	1.63	2.30%
8/18/2006	0	10.00	9.03	90.3%	10.00	9.38	93.8	4.84	10.00	14.06	14.36	92.2	95.2	14.21	1.49	2.11%
8/21/2006	0	10.00	8.63	86.3%	10.00	8.86	88.6	4.62	10.00	14.63	14.70	100.1	100.8	14.67	0.34	0.48%
8/22/2006	0	10.00	8.92	89.2%	10.00	9.04	90.4	4.49	10.00	14.82	14.30	103.3	98.1	14.56	2.53	3.57%
8/23/2006	0	10.00	8.48	84.8%	10.00	8.61	86.1	4.21	10.00	14.43	14.58	102.2	103.7	14.51	0.73	1.03%
					10.00	8.57	85.7									
8/24/2006	0	10.00	8.75	87.5%	10.00	8.81	88.1	3.88	10.00	14.03	13.79	101.5	99.1	13.91	1.22	1.73%

CVS Mean: 9.23 CVS Standard Dev: 0.54 3 Standard Dev.: 1.61 Lower Control Limit: 7.62 Upper Control Limit: 10.84

<i>Analysis Date</i>	<i>Method Blank</i>	<i>CVS True Value</i>	<i>CVS Result</i>	<i>CVS % Recovery</i>	<i>LFB True Value:</i>	<i>LFB Result:</i>	<i>LFB % Recovery:</i>	<i>Sample Result:</i>	<i>MS/MSD True Value:</i>	<i>MS Result:</i>	<i>MSD Result:</i>	<i>MS % Recovery:</i>	<i>MSD % Recovery:</i>	<i>MS/MSD Mean:</i>	<i>MS/MSD RSD:</i>	<i>MS/MSD RPD:</i>
8/25/2006	0	10.00	8.77	87.7%	10.00	8.77	87.7	4.43	10.00	14.38	14.43	99.5	100	14.41	0.25	0.35%
8/28/2006	0	10.00	8.71	87.1%	10.00	8.71	87.1	4.90	10.00	15.07	15.32	101.7	104.2	15.20	1.16	1.65%
					10.00	9.07	90.7									
8/29/2006	0	10.00	8.78	87.8%	10.00	8.97	89.7	4.86	10.00	14.79	15.22	99.3	103.6	15.01	2.03	2.87%
8/30/2006	0	10.00	8.94	89.4%	10.00	8.98	89.8	4.78	10.00	15.31	15.20	105.3	104.2	15.26	0.51	0.72%
8/31/2006	0	10.00	8.93	89.3%	10.00	9.09	90.9	4.41	10.00	14.55	15.30	101.4	108.9	14.93	3.55	5.03%

CVS Mean: 9.23 CVS Standard Dev: 0.54 3 Standard Dev.: 1.61 Lower Control Limit: 7.62 Upper Control Limit: 10.84