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# Sample Analysis Report

November, 2008

Analyst Initials: *WJ*

Date: 12/05/08

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
<b>Extraction Wells</b>							
AE-3-11-03-08-08:32	100	1.0		5.0		10.0	
HZ-S-11-03-08-09:50	1036	1.0		5.0		10.0	
LB-1-11-03-08-08:28	516	1.0		5.0		10.0	
LB-3-11-03-08-08:30	522	1.0		5.0		10.0	
PW-1-11-03-08-08:52	1224	1.0		5.0		10.0	
SW-COMB-11-03-08-09:02	507	1.0		5.0		10.0	
TW-1-11-13-08-10:55	172	1.0		5.0		10.0	
DOLPH-11-03-08-08:58	90	1.0		5.0		10.0	
TW-3-11-13-08-10:50	66	1.0		5.0		10.0	
TW-4-11-14-08-12:20	40	1.0		5.0		10.0	
TW-5-11-03-08-09:10	1067	1.0		5.0		10.0	
TW-6-11-03-08-09:00	127	1.0		5.0		10.0	
TW-8-11-03-08-08:55	487	1.0		5.0		10.0	
TW-9-11-03-08-09:45	1465	1.0		5.0		10.0	
TW-10-11-03-08-09:20	1079	1.0		5.0		10.0	
TW-12-11-13-08-11:00	17	1.0		5.0		10.0	
TW-13-11-11-08-11:40	497	1.0		5.0		10.0	
TW-14-11-03-08-09:35	135	1.0		5.0		10.0	
TW-17-11-03-08-09:30	114	1.0		5.0		10.0	
TW-18-11-03-08-08:54	446	1.0		5.0		10.0	
TW-19-11-03-08-08:15	911	1.0		5.0		10.0	
TW-19-11-10-08-08:45	692	1.0		5.0		10.0	
TW-19-11-17-08-08:25	884	1.0		5.0		10.0	

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<b>Extraction Wells</b>							
TW-19-11-24-08-08:25	919	1.0		5.0		10.0	
TW-20-11-03-08-09:25	2603	1.0		5.0		10.0	
<b>TEMPORARY EXTRACTION WELLS</b>							
MW-50-11-11-08-11:50	927	1.0		5.0		10.0	
<b>RED POND</b>							
Red Pond-11-03-08-08:50	620	1.0		5.0		10.0	
Red Pond-11-10-08-08:40	611	1.0		5.0		10.0	
Red Pond-11-17-08-10:30	600	1.0		5.0		10.0	
Red Pond-11-24-08-08:49	596	1.0		5.0		10.0	
<b>OUTFALL001</b>							
OUTFALL-11-02-08-	6	1.0	6	5.0		10.0	
OUTFALL-11-03-08-	6	1.0	6	5.0		10.0	
OUTFALL-11-04-08-	6	1.0	nd	5.0		10.0	
OUTFALL-11-05-08-	6	1.0	nd	5.0		10.0	
OUTFALL-11-06-08-	6	1.0	5	5.0		10.0	
OUTFALL-11-09-08-	6	1.0	6	5.0		10.0	
OUTFALL-11-10-08-	6	1.0	6	5.0		10.0	
OUTFALL-11-11-08-	6	1.0	6	5.0		10.0	
OUTFALL-11-12-08-	7	1.0	6	5.0		10.0	
OUTFALL-11-13-08-	6	1.0	nd	5.0		10.0	
OUTFALL-11-16-08-	6	1.0	5	5.0		10.0	
OUTFALL-11-17-08-	6	1.0	6	5.0		10.0	
OUTFALL-11-18-08-	6	1.0	6	5.0		10.0	
OUTFALL-11-19-08-	5	1.0	6	5.0		10.0	
OUTFALL-11-20-08-	5	1.0	6	5.0		10.0	
OUTFALL-11-23-08-	5	1.0	6	5.0		10.0	
OUTFALL-11-24-08-	5	1.0	6	5.0		10.0	
OUTFALL-11-25-08-	5	1.0	6	5.0		10.0	

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<b>OUTFALL001</b>							
OUTFALL-11-26-08-	5	1.0	7	5.0		10.0	
OUTFALL-11-27-08-	5	1.0	7	5.0		10.0	
OUTFALL-11-30-08-	5	1.0	6	5.0		10.0	
<b>Injection Wells</b>							
Maple-Inj-11-03-08-08:10	14	1.0	nd	5.0		10.0	
Maple-Inj-11-04-08-08:05	7	1.0	7	5.0		10.0	
Maple-Inj-11-05-08-08:25	7	1.0	6	5.0		10.0	
Maple-Inj-11-06-08-08:30	7	1.0	6	5.0		10.0	
Maple-Inj-11-07-08-07:15	9	1.0	6	5.0		10.0	
Maple-Inj-11-10-08-08:50	9	1.0	6	5.0		10.0	
Maple-Inj-11-11-08-08:05	18	1.0	nd	5.0		10.0	
Maple-Inj-11-12-08-08:00	8	1.0	6	5.0		10.0	
Maple-Inj-11-13-08-08:20	11	1.0	6	5.0		10.0	
Maple-Inj-11-14-08-09:25	12	1.0	nd	5.0		10.0	
Maple-Inj-11-17-08-08:20	10	1.0	6	5.0		10.0	
Maple-Inj-11-18-08-08:20	8	1.0	7	5.0		10.0	
Maple-Inj-11-19-08-07:45	10	1.0	6	5.0		10.0	
Maple-Inj-11-20-08-08:25	10	1.0	6	5.0		10.0	
Maple-Inj-11-21-08-08:15	9	1.0	5	5.0		10.0	
Maple-Inj-11-24-08-08:20	15	1.0	nd	5.0		10.0	
Maple-Inj-11-25-08-08:25	7	1.0	6	5.0		10.0	
Maple-Inj-11-26-08-08:00	13	1.0	nd	5.0		10.0	
Maple-Inj-11-28-08-10:05	13	1.0	nd	5.0		10.0	
<b>C3</b>							
MW-105s-11-07-08-13:25	1924	1.0		5.0		10.0	
<b>D0</b>							
A2 Cleaning Supply-11-05-08-12:10	105	1.0		5.0		10.0	
<b>D2</b>							

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<b>D2</b>							
MW-94s-11-04-08-13:55	2626	1.0		5.0		10.0	
<b>E</b>							
MW-65d-11-03-08-14:40	37	1.0		5.0		10.0	
MW-79s-11-05-08-11:00	480	1.0		5.0		10.0	
MW-85-11-11-08-11:20	1535	1.0		5.0		10.0	
MW-87s-11-11-08-09:55	26	1.0		5.0		10.0	
MW-87d-11-11-08-10:30	572	1.0		5.0		10.0	
MW-88-11-11-08-09:30	441	1.0		5.0		10.0	
MW-94d-11-04-08-13:35	nd	1.0		5.0		10.0	
MW-96-11-05-08-11:55	137	1.0		5.0		10.0	
MW-98s-11-06-08-10:35	nd	1.0		5.0		10.0	
MW-98d-11-06-08-11:30	8	1.0		5.0		10.0	
MW-100-11-11-08-12:25	222	1.0		5.0		10.0	
MW-103s-11-05-08-13:25	35	1.0		5.0		10.0	
MW-103d-11-05-08-14:15	18	1.0		5.0		10.0	
MW-105d-11-07-08-13:15	719	1.0		5.0		10.0	
MW-106s-11-07-08-11:20	944	1.0		5.0		10.0	
MW-106d-11-07-08-11:00	1	1.0		5.0		10.0	
MW-108s-11-06-08-13:25	2775	1.0		5.0		10.0	
MW-108d-11-06-08-14:20	3025	1.0		5.0		10.0	
MW-115-11-05-08-10:05	1086	1.0		5.0		10.0	
TW-15-11-11-08-14:45	138	1.0		5.0		10.0	
<b>Not Determined</b>							
MW-119-11-12-08-13:40	337	1.0		5.0		10.0	
MW-120s-11-24-08-14:10	nd	1.0		5.0		10.0	
MW-120d-11-25-08-14:40	nd	1.0		5.0		10.0	
<b>None</b>							
HC/HR-11-03-08-08:10		1.0	nd	2.0		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
<b>None</b>							
HC/HR-11-04-08-08:45		1.0	2	2.0		10.0	
HC/HR-11-05-08-08:15		1.0	nd	2.0		10.0	
HC/HR-11-06-08-09:15		1.0	nd	2.0		10.0	
HC/HR-11-07-08-07:30		1.0	nd	2.0		10.0	
HC/HR-11-10-08-08:00		1.0	nd	2.0		10.0	
HC/HR-11-11-08-08:00		1.0	3	2.0		10.0	
HC/HR-11-12-08-07:55		1.0	nd	2.0		10.0	
HC/HR-11-13-08-09:00		1.0	nd	2.0		10.0	
HC/HR-11-14-08-08:10		1.0	nd	2.0		10.0	
HC/HR-11-17-08-07:40		1.0	nd	2.0		10.0	
HC/HR-11-18-08-07:40		1.0	nd	2.0		10.0	
HC/HR-11-19-08-07:20		1.0	nd	2.0		10.0	
HC/HR-11-20-08-08:00		1.0	nd	2.0		10.0	
HC/HR-11-21-08-08:00		1.0	nd	2.0		10.0	
HC/HR-11-24-08-08:15		1.0	nd	2.0		10.0	
HC/HR-11-25-08-08:20		1.0	nd	2.0		10.0	
HC/HR-11-26-08-08:20		1.0	nd	2.0		10.0	
HC/HR-11-28-08-09:15		1.0	nd	2.0		10.0	

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

# 1,4-Dioxane Precision and Accuracy Control Charting

Analysis Date	Method Blank	CVS True Value	CVS Result	CVS % Recovery	LFB True Value	LFB Result	LFB % Recovery	Sample Result	MS/MSD True Value	MS Result	MSD Result	MS % Recovery	MSD % Recovery	MS/MSD Mean	MS/MSD RSD	MS/MSD RPD
11/3/2008	0	10.00	10.47	104.7%	10.00	10.81	108.1%	14.43	10.00	25.61	25.78	111.8%	113.5%	25.70	0.47	0.66%
	0	10.00	10.39	103.9%	10.00	10.40	104.0%									
11/4/2008	0	10.00	10.29	102.9%	10.00	10.45	104.5%	7.15	10.00	17.77	17.83	106.2%	106.8%	17.80	0.24	0.34%
11/5/2008	0	10.00	10.27	102.7%	10.00	10.35	103.5%	7.45	10.00	18.75	18.19	113.0%	107.4%	18.47	2.14	3.03%
11/6/2008	0	10.00	10.25	102.5%	10.00	10.44	104.4%	7.36	10.00	17.27	17.87	99.1%	105.1%	17.57	2.41	3.41%
11/7/2008	0	10.00	10.47	104.7%	10.00	10.67	106.7%	8.83	10.00	19.47	19.63	106.4%	108.0%	19.55	0.58	0.82%
11/10/2008	0	10.00	10.33	103.3%	10.00	10.75	107.5%	8.82	10.00	19.82	19.90	110.0%	110.8%	19.86	0.28	0.40%
11/11/2008	0	10.00	10.64	106.4%	10.00	10.82	108.2%	17.81	10.00	28.89	28.46	110.8%	106.5%	28.68	1.06	1.50%
11/12/2008	0	10.00	10.52	105.2%	10.00	10.58	105.8%	8.27	10.00	19.27	18.99	110.0%	107.2%	19.13	1.03	1.46%
11/13/2008	0	10.00	10.82	108.2%	10.00	10.70	107.0%		10.00							
11/14/2008	0	10.00	10.28	102.8%	10.00	10.31	103.1%	12.23	10.00	22.87	23.97	106.4%	117.4%	23.42	3.32	4.70%
11/17/2008	0	10.00	10.33	103.3%	10.00	10.21	102.1%	9.70	10.00	20.20	19.16	105.0%	94.6%	19.68	3.74	5.28%
11/18/2008	0	10.00	10.19	101.9%	10.00	10.21	102.1%	8.04	10.00	18.45	19.01	104.1%	109.7%	18.73	2.11	2.99%
11/19/2008	0	10.00	9.92	99.2%	10.00	10.16	101.6%	9.79	10.00	18.29	20.25	85.0%	104.6%	19.27	7.19	10.17%
11/20/2008	0	10.00	10.12	101.2%	10.00	10.15	101.5%	9.78	10.00	17.87	20.44	80.9%	106.6%	19.16	9.49	13.42%
11/21/2008	0	10.00	9.98	99.8%	10.00	9.01	90.1%	8.83	10.00	19.55	19.65	107.2%	108.2%	19.60	0.36	0.51%
11/24/2008	0	10.00	10.16	101.6%	10.00	10.44	104.4%	14.64	10.00	25.87	25.06	112.3%	104.2%	25.47	2.25	3.18%
11/25/2008	0	10.00	10.10	101.0%	10.00	10.15	101.5%	7.36	10.00	17.40	17.78	100.4%	104.2%	17.59	1.53	2.16%
11/26/2008	0	10.00	10.19	101.9%	10.00	10.05	100.5%	12.81	10.00	23.76	23.41	109.5%	106.0%	23.59	1.05	1.48%

CVS Mean: **10.30**      2 Standard Dev.: **0.44**      Upper Warning Limit: **10.74**      Upper Control Limit: **10.96**  
 CVS Standard Dev.: **0.22**      3 Standard Dev.: **.66**      Lower Warning Limit: **9.86**      Lower Control Limit: **9.64**

# Bromate Precision and Accuracy Control Charting

Analysis Date	Method Blank	ICCS	ICCS %	LFB	LFB %	CCCS	CCCS %	ECCS	ECCS %	Non-Spike Result	LFM & LFMD Results		LFM & LFMD %	LFM & LFMD Mean	LFM & LFMD RSD	LFM & LFMD RPD
		Result	Recovery	Result	Recovery	Result	Recovery	Result	Recovery		Actual	Actual	Recovery		Actual	
		Actual		Actual		Actual		Actual								
11/3/2008	0	2.1 2.0	105.0%	1.8 2.0	90.0%			16.8 16.0	105.0%	5.6	9.8 4.0	9.6	105.0% 100.0%	9.7	1.46	2.1%
11/4/2008	0	1.8 2.0	90.0%	2.0 2.0	100.0%			16.0 16.0	100.0%	5.5	9.3 4.0	9.2	95.0% 92.5%	9.3	0.76	1.1%
11/5/2008	0	1.9 2.0	95.0%	1.9 2.0	95.0%			15.7 16.0	98.1%	4.8	8.3 4.0	8.6	87.5% 95.0%	8.5	2.51	3.6%
11/6/2008	0	1.7 2.0	85.0%	1.8 2.0	90.0%			15.1 16.0	94.4%	4.8	8.1 4.0	8.3	82.5% 87.5%	8.2	1.72	2.4%
11/7/2008	0	1.7 2.0	85.0%	2.0 2.0	100.0%			16.4 16.0	102.5%	5.1	9.0 4.0	9.0	97.5% 97.5%	9.0	0.00	0.0%
11/10/2008	0	1.9 2.0	95.0%	2.0 2.0	100.0%			16.2 16.0	101.3%	5.9	10.0 4.0	9.8	102.5% 97.5%	9.9	1.43	2.0%
11/11/2008	0	1.9 2.0	95.0%	1.9 2.0	95.0%			15.5 16.0	96.9%	5.6	9.2 4.0	9.1	90.0% 87.5%	9.2	0.77	1.1%
11/12/2008	0	1.9 2.0	95.0%	1.8 2.0	90.0%			16.8 16.0	105.0%	5.5	10.0 4.0	9.6	112.5% 102.5%	9.8	2.89	4.1%
11/13/2008	0	1.8 2.0	90.0%	2.0 2.0	100.0%			16.7 16.0	104.4%	5.7	9.5 4.0	9.7	95.0% 100.0%	9.6	1.47	2.1%
11/14/2008	0	2.1 2.0	105.0%	1.8 2.0	90.0%			16.3 16.0	101.9%	4.9	9.0 4.0	9.2	102.5% 107.5%	9.1	1.55	2.2%
11/17/2008	0	2.0 2.0	100.0%	2.0 2.0	100.0%			15.6 16.0	97.5%	5.4	9.2 4.0	9.4	95.0% 100.0%	9.3	1.52	2.2%
11/18/2008	0	1.7 2.0	85.0%	1.6 2.0	80.0%			13.4 16.0	<b>83.8%</b>	4.9 ✓	7.9 4.0	8.1	75.0% 80.0%	8.0	1.77	2.5%

Analysis Date	Method Blank	ICCS	ICCS %	LFB	LFB %	CCCS	CCCS %	ECCS	ECCS %	Non-Spike Result	LFM & LFMD Results		LFM & LFMD %	LFM & LFMD Mean	LFM & LFMD RSD	LFM & LFMD RPD
		Result	Recovery	Result	Recovery	Result	Recovery	Result	Recovery		Actual	Actual	Recovery			
		Actual		Actual		Actual		Actual								
11/19/2008	0	1.7	85.0%	1.6	80.0%			17.0	106.3%	5.7	9.6	9.7	97.5%	9.7	0.73	1.0%
		2.0		2.0				16.0			4.0		100.0%			
11/20/2008	0	1.8	90.0%	1.9	95.0%			16.6	103.8%	5.8	9.8	10.1	100.0%	10.0	2.13	3.0%
		2.0		2.0				16.0			4.0		107.5%			
11/21/2008	0	2.1	105.0%	1.9	95.0%			16.2	101.3%	5.9	9.7	9.8	95.0%	9.8	0.73	1.0%
		2.0		2.0				16.0			4.0		97.5%			
11/24/2008	0	1.8	90.0%	1.8	90.0%			15.5	96.9%	6.0	9.5	9.2	87.5%	9.4	2.27	3.2%
		2.0		2.0				16.0			4.0		80.0%			
11/25/2008	0	1.8	90.0%	1.9	95.0%			16.2	101.3%	6.3	10.4	10.3	102.5%	10.4	0.68	1.0%
		2.0		2.0				16.0			4.0		100.0%			
11/26/2008	0	1.9	95.0%	2.1	105.0%			16.5	103.1%	6.3	10.4	10.5	102.5%	10.5	0.68	1.0%
		2.0		2.0				16.0			4.0		105.0%			