

Sample Analysis Report

May, 2009

Analyst Initials *JR*
Date *05/09/09*

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-3-05-05-09-08:34	110	1.0		5.0		10.0	
HZ-S-05-05-09-14:28	989	1.0		5.0		10.0	
LB-1-05-05-09-08:30	546	1.0		5.0		10.0	
LB-3-05-05-09-08:32	523	1.0		5.0		10.0	
PW-1-05-05-09-13:46	936	1.0		5.0		10.0	
SW-COMB-05-05-09-13:55	512	1.0		5.0		10.0	
DOLPH-05-05-09-13:53	100	1.0		5.0		10.0	
TW-5-05-05-09-08:50	1064	1.0		5.0		10.0	
TW-6-05-05-09-13:51	110	1.0		5.0		10.0	
TW-8-05-05-09-15:07	496	1.0		5.0		10.0	
TW-9-05-05-09-14:14	1342	1.0		5.0		10.0	
TW-10-05-05-09-14:08	1012	1.0		5.0		10.0	
TW-12-05-07-09-15:45	23	1.0		5.0		10.0	
TW-13-05-05-09-14:00	626	1.0		5.0		10.0	
TW-14-05-05-09-14:34	112	1.0		5.0		10.0	
TW-17-05-05-09-14:32	150	1.0		5.0		10.0	
TW-18-05-05-09-13:49	404	1.0		5.0		10.0	
TW-19-05-04-09-08:20	910	1.0		5.0		10.0	
TW-19-05-13-09-08:50	893	1.0		5.0		10.0	
TW-19-05-18-09-08:35	899	1.0		5.0		10.0	
TW-19-05-26-09-08:15	910	1.0		5.0		10.0	
TW-20-05-05-09-14:00	1955	1.0		5.0		10.0	

TEMPORARY EXTRACTION WELLS

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-50-05-07-09-15:27	894	1.0		5.0		10.0	
RED POND							
Red Pond-05-04-09-08:00	613	1.0		5.0		10.0	
Red Pond-05-11-09-07:45	611	1.0		5.0		10.0	
Red Pond-05-18-09-07:46	597	1.0		5.0		10.0	
Red Pond-05-26-09-08:06	585	1.0		5.0		10.0	
OUTFALL001							
OUTFALL-05-03-09-	5	1.0	5	5.0		10.0	
OUTFALL-05-04-09-	5	1.0	5	5.0		10.0	
OUTFALL-05-05-09-	5	1.0	5	5.0		10.0	
OUTFALL-05-06-09-	5	1.0	5	5.0		10.0	
OUTFALL-05-07-09-	5	1.0	5	5.0		10.0	
OUTFALL-05-10-09-	6	1.0	6	5.0		10.0	
OUTFALL-05-11-09-	6	1.0	5	5.0		10.0	
OUTFALL-05-12-09-	6	1.0	5	5.0		10.0	
OUTFALL-05-13-09-	6	1.0	nd	5.0		10.0	
OUTFALL-05-14-09-	6	1.0	nd	5.0		10.0	
OUTFALL-05-17-09-	5	1.0	5	5.0		10.0	
OUTFALL-05-18-09-	6	1.0	nd	5.0		10.0	
OUTFALL-05-19-09-	6	1.0	nd	5.0		10.0	
OUTFALL-05-20-09-	6	1.0	nd	5.0		10.0	
OUTFALL-05-21-09-	7	1.0	nd	5.0		10.0	
OUTFALL-05-24-09-	6	1.0	5	5.0		10.0	
OUTFALL-05-25-09-	6	1.0	6	5.0		10.0	
OUTFALL-05-26-09-	5	1.0	5	5.0		10.0	
OUTFALL-05-27-09-	5	1.0	nd	5.0		10.0	
OUTFALL-05-28-09-	5	1.0	6	5.0		10.0	
OUTFALL-05-31-09-	5	1.0	6	5.0		10.0	

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Injection Wells							
Maple-Inj-05-04-09-08:20	6	1.0	6	5.0		10.0	
Maple-Inj-05-07-09-08:40	6	1.0	6	5.0		10.0	
Maple-Inj-05-12-09-08:45	6	1.0	7	5.0		10.0	
Maple-Inj-05-14-09-08:35	6	1.0	5	5.0		10.0	
Maple-Inj-05-18-09-08:30	5	1.0	7	5.0		10.0	
Maple-Inj-05-21-09-07:45	7	1.0	5	5.0		10.0	
Maple-Inj-05-26-09-08:10	8	1.0	6	5.0		10.0	
Maple-Inj-05-28-09-08:30	8	1.0	nd	5.0		10.0	
D0							
A2 Cleaning Supply-05-07-09-13:40	100	1.0		5.0		10.0	
D2							
MW-123s-05-20-09-12:00	nd	1.0		5.0		10.0	
465 Dupont-05-04-09-11:00	1284	1.0		5.0		10.0	
E							
MW-79s-05-01-09-10:25	453	1.0		5.0		10.0	
MW-85-05-01-09-11:50	1924	1.0		5.0		10.0	
MW-87s-05-01-09-13:20	45	1.0		5.0		10.0	
MW-87d-05-01-09-13:50	678	1.0		5.0		10.0	
MW-87d-05-21-09-14:15		1.0	nd	5.0		10.0	bromate sample only
MW-88-05-01-09-11:10	400	1.0		5.0		10.0	
MW-100-05-01-09-14:40	279	1.0		5.0		10.0	
MW-115-05-01-09-09:45	847	1.0		5.0		10.0	
MW-119-05-04-09-11:45	261	1.0		5.0		10.0	
MW-123d-05-20-09-14:20	nd	1.0		5.0		10.0	
TW-15-05-04-09-14:00	158	1.0		5.0		10.0	
None							
HC/HR-05-01-09-08:25		1.0	nd	2.0		10.0	
HC/HR-05-04-09-07:15		1.0	nd	2.0		10.0	

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None							
HC/HR-05-05-09-08:00		1.0	nd	2.0		10.0	
HC/HR-05-06-09-09:20		1.0	nd	2.0		10.0	
HC/HR-05-07-09-07:45		1.0	nd	2.0		10.0	
HC/HR-05-08-09-08:00		1.0	nd	2.0		10.0	
HC/HR-05-11-09-09:00		1.0	nd	2.0		10.0	
HC/HR-05-12-09-07:45		1.0	nd	2.0		10.0	
HC/HR-05-13-09-07:45		1.0	nd	2.0		10.0	
HC/HR-05-14-09-07:50		1.0	nd	2.0		10.0	
HC/HR-05-15-09-08:00		1.0	nd	2.0		10.0	
HC/HR-05-18-09-08:00		1.0	nd	2.0		10.0	
HC/HR-05-19-09-08:30		1.0	nd	2.0		10.0	
HC/HR-05-20-09-07:55		1.0	nd	2.0		10.0	
HC/HR-05-21-09-08:15		1.0	nd	2.0		10.0	
HC/HR-05-22-09-07:45		1.0	nd	2.0		10.0	
HC/HR-05-26-09-08:15		1.0	nd	2.0		10.0	
HC/HR-05-27-09-07:45		1.0	nd	2.0		10.0	
HC/HR-05-28-09-07:50		1.0	nd	2.0		10.0	
HC/HR-05-29-09-07:10		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

<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>
5/1/2009	0	10.00	10.22	102.2%	10.00	10.25	102.5%	5.27	10.00	16.36	15.66	110.9%	103.9%	16.01	4.37%	
5/5/2009	0	10.00	10.16	101.6%	10.00	10.54	105.4%	5.03	10.00	15.23	15.70	102.0%	106.7%	15.47	3.04%	
5/6/2009	0	10.00	10.37	103.7%	10.00	10.95	109.5%	5.40	10.00	16.54	16.47	111.4%	110.7%	16.51	0.42%	
5/8/2009	0	10.00	10.81	108.1%	10.00	10.72	107.2%	5.25	10.00	16.03	16.12	107.8%	108.7%	16.08	0.56%	
5/11/2009	0	10.00	10.73	107.3%	10.00	10.76	107.6%	5.78	10.00	16.88	17.15	111.0%	113.7%	17.02	1.59%	
5/12/2009	0	10.00	10.64	106.4%	10.00	10.96	109.6%	6.39	10.00	17.91	17.23	115.2%	108.4%	17.57	3.87%	
5/13/2009	0	10.00	10.51	105.1%	10.00	10.76	107.6%	5.87	10.00	16.70	16.56	108.3%	106.9%	16.63	0.84%	
5/14/2009	0	10.00	10.44	104.4%	10.00	10.70	107.0%	5.58	10.00	16.59	16.04	110.1%	104.6%	16.32	3.37%	
5/15/2009	0	10.00	10.69	106.9%	10.00	10.79	107.9%	5.88	10.00	17.19	17.26	113.1%	113.8%	17.23	0.41%	
5/18/2009	0	10.00	10.18	101.8%	10.00	10.73	107.3%	5.19	10.00	16.37	16.43	111.8%	112.4%	16.40	0.37%	
5/19/2009	0	10.00	10.27	102.7%	10.00	10.51	105.1%	5.59	10.00	16.73	15.46	111.4%	98.7%	16.10	7.89%	
5/20/2009	0	10.00	10.36	103.6%	10.00	10.58	105.8%	5.82	10.00	16.12	16.42	103.0%	106.0%	16.27	1.84%	
5/21/2009	0	10.00	10.51	105.1%	10.00	10.68	106.8%	7.44	10.00	17.36	18.00	99.2%	105.6%	17.68	3.62%	
5/22/2009	0	10.00	10.43	104.3%	10.00	10.66	106.6%	6.87	10.00	17.57	17.78	107.0%	109.1%	17.68	1.19%	
5/26/2009	0	10.00	10.19	101.9%	10.00	10.56	105.6%	7.57	10.00	17.69	18.57	101.2%	110.0%	18.13	4.85%	
5/27/2009	0	10.00	10.02	100.2%	10.00	10.08	100.8%	5.21	10.00	15.79	15.51	105.8%	103.0%	15.65	1.79%	
5/28/2009	0	10.00	10.49	104.9%	10.00	10.42	104.2%	8.25	10.00	18.25	18.54	100.0%	102.9%	18.40	1.58%	

CVS Mean: **10.41** 2 Standard Dev.: **0.45** Upper Warning Limit: **10.86** Upper Control Limit: **11.08**
CVS Standard Dev: **0.22** 3 Standard Dev.: **.67** Lower Warning Limit: **9.97** Lower Control Limit: **9.74**