

Sample Analysis Report

December, 2010

Analyst Initials ec

Date 01/07/11

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-3-12-06-10-11:30	129	1.0		5.0		10.0	
HZ-S-12-06-10-10:15	967	1.0		5.0		10.0	
LB-1-12-06-10-11:25	542	1.0		5.0		10.0	
LB-3-12-06-10-11:28	519	1.0		5.0		10.0	
PW-1-12-06-10-08:53	1302	1.0		5.0		10.0	
SW-COMB-12-06-10-08:47	576	1.0		5.0		10.0	
TW-1-12-06-10-08:51	130	1.0		5.0		10.0	
DOLPH-12-06-10-09:50	84	1.0		5.0		10.0	
TW-5-12-06-10-10:50	963	1.0		5.0		10.0	
TW-8-12-06-10-10:30	541	1.0		5.0		10.0	
TW-9-12-06-10-10:10	1029	1.0		5.0		10.0	
TW-10-12-06-10-09:55	806	1.0		5.0		10.0	
TW-11-12-06-10-11:52	217	1.0		5.0		10.0	
TW-13-12-07-10-14:30	736	1.0		5.0		10.0	
TW-14-12-06-10-10:07	123	1.0		5.0		10.0	
TW-17-12-06-10-10:03	84	1.0		5.0		10.0	
TW-18-12-06-10-08:55	361	1.0		5.0		10.0	
TW-19-12-06-10-09:43	790	1.0		5.0		10.0	
TW-19-12-13-10-10:25	869	1.0		5.0		10.0	
TW-19-12-20-10-09:28	951	1.0		5.0		10.0	
TW-19-12-27-10-13:50	879	1.0		5.0		10.0	
TW-20-12-06-10-10:00	1438	1.0		5.0		10.0	
TW-21-12-06-10-11:45	278	1.0		5.0		10.0	

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RED POND							
Red Pond-12-06-10-08:45	343	1.0		5.0		10.0	
Red Pond-12-13-10-08:15	437	1.0		5.0		10.0	
Red Pond-12-20-10-08:30	545	1.0		5.0		10.0	
Red Pond-12-27-10-14:45	436	1.0		5.0		10.0	
OUTFALL001							
OUTFALL-12-01-10-	3	1.0	5	5.0		10.0	
OUTFALL-12-02-10-	4	1.0	7	5.0		10.0	
OUTFALL-12-05-10-	4	1.0	6	5.0		10.0	
OUTFALL-12-06-10-	4	1.0	6	5.0		10.0	
OUTFALL-12-07-10-	4	1.0	6	5.0		10.0	
OUTFALL-12-08-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-09-10-	4	1.0	nd	5.0		10.0	
OUTFALL-12-12-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-13-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-14-10-	4	1.0	6	5.0		10.0	
OUTFALL-12-15-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-16-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-19-10-	4	1.0	nd	5.0		10.0	
OUTFALL-12-20-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-21-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-22-10-	5	1.0	5	5.0		10.0	
OUTFALL-12-23-10-	5	1.0	nd	5.0		10.0	
OUTFALL-12-26-10-	4	1.0	5	5.0		10.0	
OUTFALL-12-27-10-	5	1.0	nd	5.0		10.0	
OUTFALL-12-28-10-	5	1.0	5	5.0		10.0	
OUTFALL-12-29-10-	4	1.0	nd	5.0		10.0	
OUTFALL-12-30-10-	4	1.0	5	5.0		10.0	
Injection Wells							

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Injection Wells							
Maple-Inj-12-02-10-08:40	8	1.0	nd	5.0		10.0	
Maple-Inj-12-06-10-09:40	7	1.0	nd	5.0		10.0	
Maple-Inj-12-09-10-08:17	8	1.0	nd	5.0		10.0	
Maple-Inj-12-13-10-10:20	9	1.0	nd	5.0		10.0	
Maple-Inj-12-16-10-08:22	8	1.0	nd	5.0		10.0	
Maple-Inj-12-20-10-09:26	12	1.0	nd	5.0		10.0	
Maple-Inj-12-23-10-08:47	11	1.0	nd	5.0		10.0	
Maple-Inj-12-27-10-13:45	10	1.0	nd	5.0		10.0	
Maple-Inj-12-29-10-11:40	9	1.0	nd	5.0		10.0	
D0							
A2 Cleaning Supply-12-02-10-12:05	103	1.0		5.0		10.0	
D2							
456 Clarendon-12-08-10-10:15	1168	1.0		5.0		10.0	
E							
MW-79s-12-01-10-11:25	194	1.0		5.0		10.0	
MW-85-12-07-10-09:50	1959	1.0		5.0		10.0	
MW-87s-12-02-10-09:50	299	1.0		5.0		10.0	
MW-87d-12-02-10-10:30	641	1.0		5.0		10.0	
MW-88-12-01-10-14:15	353	1.0		5.0		10.0	
MW-100-12-02-10-14:20	762	1.0		5.0		10.0	
MW-110-12-13-10-14:15	31	1.0		5.0		10.0	
MW-115-12-01-10-10:30	681	1.0		5.0		10.0	
TW-15-12-03-10-14:30	210	1.0		5.0		10.0	
None							
HC/HR-12-01-10-08:15		1.0	nd	2.0		10.0	
HC/HR-12-02-10-08:20		1.0	nd	2.0		10.0	
HC/HR-12-03-10-08:10		1.0	nd	2.0		10.0	
HC/HR-12-06-10-08:10		1.0	nd	2.0		10.0	

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None							
HC/HR-12-07-10-07:50		1.0	nd	2.0		10.0	
HC/HR-12-08-10-08:10		1.0	nd	2.0		10.0	
HC/HR-12-09-10-08:15		1.0	nd	2.0		10.0	
HC/HR-12-10-10-08:15		1.0	nd	2.0		10.0	
HC/HR-12-13-10-08:15		1.0	nd	2.0		10.0	
HC/HR-12-14-10-07:55		1.0	nd	2.0		10.0	
HC/HR-12-15-10-07:50		1.0	nd	2.0		10.0	
HC/HR-12-16-10-08:10		1.0	nd	2.0		10.0	
HC/HR-12-17-10-08:20		1.0	nd	2.0		10.0	
HC/HR-12-20-10-08:50		1.0	nd	2.0		10.0	
HC/HR-12-21-10-08:10		1.0	nd	2.0		10.0	
HC/HR-12-22-10-08:30		1.0	nd	2.0		10.0	
HC/HR-12-23-10-08:10		1.0	nd	2.0		10.0	
HC/HR-12-27-10-14:05		1.0	nd	2.0		10.0	
HC/HR-12-28-10-09:32		1.0	nd	2.0		10.0	
HC/HR-12-29-10-10:45		1.0	nd	2.0		10.0	
HC/HR-12-30-10-11:15		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

<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>
12/1/2010	0	10.00	9.68	96.8%	10.00	8.76	87.6%	3.38	10.00	12.83	13.23	94.5%	98.5%	13.03	3.07%	
	0	10.00	9.68	96.8%	10.00	8.76	87.6%	3.38	10.00	12.83	13.23	94.5%	98.5%	13.03	3.07%	
12/3/2010	0	10.00	9.56	95.6%	10.00	9.74	97.4%	3.50	10.00	12.51	13.13	90.1%	96.3%	12.82	4.84%	
12/6/2010	0	10.00	9.30	93.0%	10.00	9.32	93.2%	3.53	10.00	14.73	14.72	112.0%	111.9%	14.73	0.07%	
12/7/2010	0	10.00	11.83	118.3%	10.00	10.52	105.2%	3.84	10.00	14.79	15.95	109.5%	121.1%	15.37	7.55%	
12/8/2010	0	10.00	9.48	94.8%	10.00	10.77	107.7%	3.71	10.00	16.61		129.0%				
12/9/2010	0	10.00	11.56	115.6%	10.00	12.00	120.0%	3.95	10.00	13.82	14.99	98.7%	110.4%	14.41	8.12%	
12/10/2010	0	10.00	10.85	108.5%	10.00	9.93	99.3%	3.16	10.00	12.03	13.30	88.7%	101.4%	12.67	10.03%	
12/13/2010	0	10.00	10.99	109.9%	10.00	10.52	105.2%	3.89	10.00	14.51	13.65	106.2%	97.6%	14.08	6.11%	
12/14/2010	0	10.00	10.20	102.0%	10.00	10.37	103.7%	3.30	10.00	12.83	12.96	95.3%	96.6%	12.90	1.01%	
12/15/2010	0	10.00	8.92	89.2%	10.00	9.29	92.9%	3.52	10.00	13.62	11.51	101.0%	79.9%	12.57	16.79%	
12/16/2010	0	10.00	12.00	120.0%	10.00	10.34	103.4%	3.45	10.00	14.00	15.42	105.5%	119.7%	14.71	9.65%	
12/17/2010	0	10.00	10.83	108.3%	10.00	11.62	116.2%	3.64	10.00	14.55	13.77	109.1%	101.3%	14.16	5.51%	
12/20/2010	0	10.00	11.91	119.1%	10.00	9.90	99.0%	4.34	10.00	15.94	16.62	116.0%	122.8%	16.28	4.18%	
12/21/2010	0	10.00	11.11	111.1%	10.00	11.34	113.4%	4.09	10.00	15.74	16.47	116.5%	123.8%	16.11	4.53%	
12/22/2010	0	10.00	10.81	108.1%	10.00	11.73	117.3%	4.42	10.00	16.12	15.49	117.0%	110.7%	15.81	3.99%	
12/23/2010	0	10.00	11.19	111.9%	10.00	12.79	127.9%	12.34	10.00	25.05	23.84	127.1%	115.0%	24.45	4.95%	
12/28/2010	0	10.00	11.43	114.3%	10.00	11.40	114.0%	5.22	10.00	14.31	15.61	90.9%	103.9%	14.96	8.69%	
12/30/2010	0	10.00	11.55	115.5%	10.00	11.46	114.6%	4.59	10.00	15.15	15.03	105.6%	104.4%	15.09	0.80%	

CVS Mean: **10.68** 2 Standard Dev.: **1.96** Upper Warning Limit: **12.63** Upper Control Limit: **13.61**
 CVS Standard Dev: **0.98** 3 Standard Dev.: **2.93** Lower Warning Limit: **8.72** Lower Control Limit: **7.74**