

**Sample Analysis Report**

**September, 2010**

Analyst Initials Rae  
Date 10/07/10

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-3-09-07-10-13:34	117	1.0		5.0		10.0	
HZ-S-09-07-10-13:58	853	1.0		5.0		10.0	
LB-1-09-07-10-13:30	449	1.0		5.0		10.0	
LB-3-09-07-10-13:32	422	1.0		5.0		10.0	
PW-1-09-07-10-13:16	817	1.0		5.0		10.0	
SW-COMB-09-07-10-13:10	459	1.0		5.0		10.0	
DOLPH-09-07-10-13:12	74	1.0		5.0		10.0	
TW-5-09-07-10-14:00	756	1.0		5.0		10.0	
TW-8-09-07-10-14:45	423	1.0		5.0		10.0	
TW-9-09-07-10-13:52	791	1.0		5.0		10.0	
TW-10-09-07-10-13:41	579	1.0		5.0		10.0	
TW-13-09-07-10-14:02	563	1.0		5.0		10.0	
TW-13-09-07-10-14:22	552	1.0		5.0		10.0	
TW-14-09-07-10-14:02	91	1.0		5.0		10.0	
TW-17-09-07-10-14:05	79	1.0		5.0		10.0	
TW-18-09-07-10-13:14	305	1.0		5.0		10.0	
TW-19-09-07-10-07:30	629	1.0		5.0		10.0	
TW-19-09-13-10-08:20	716	1.0		5.0		10.0	
TW-19-09-23-10-08:05	444	1.0		5.0		10.0	
TW-19-09-27-10-08:25	604	1.0		5.0		10.0	
TW-20-09-07-10-13:27	1336	1.0		5.0		10.0	
<b>RED POND</b>							
Red Pond-09-07-10-07:40	403	1.0		5.0		10.0	

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<b>RED POND</b>							
Red Pond-09-13-10-07:50	410	1.0		5.0		10.0	
Red Pond-09-20-10-08:00	463	1.0		5.0		10.0	
Red Pond-09-27-10-08:00	375	1.0		5.0		10.0	
<b>OUTFALL001</b>							
OUTFALL-09-01-10-	4	1.0	nd	5.0		10.0	
OUTFALL-09-02-10-	4	1.0	nd	5.0		10.0	
OUTFALL-09-05-10-	4	1.0	5	5.0		10.0	
OUTFALL-09-06-10-	4	1.0	5	5.0		10.0	
OUTFALL-09-07-10-	4	1.0	nd	5.0		10.0	
OUTFALL-09-07-10-		1.0		5.0		10.0	duplicate entry
OUTFALL-09-07-10-		1.0		5.0		10.0	duplicate entry
OUTFALL-09-08-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-09-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-12-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-13-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-14-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-15-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-16-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-19-10-	4	1.0	nd	5.0		10.0	
OUTFALL-09-20-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-21-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-22-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-23-10-	4	1.0	nd	5.0		10.0	
OUTFALL-09-26-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-27-10-	3	1.0	nd	5.0		10.0	
OUTFALL-09-28-10-	2	1.0	6	5.0		10.0	
OUTFALL-09-29-10-	3	1.0	6	5.0		10.0	
OUTFALL-09-30-10-	3	1.0	5	5.0		10.0	

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<b>Injection Wells</b>							
Maple-Inj-09-02-10-07:35	5	1.0	6	5.0		10.0	
Maple-Inj-09-07-10-07:31	6	1.0	nd	5.0		10.0	
Maple-Inj-09-09-10-07:40	4	1.0	nd	5.0		10.0	
Maple-Inj-09-13-10-08:20	3	1.0	nd	5.0		10.0	
Maple-Inj-09-23-10-08:00	7	1.0	nd	5.0		10.0	
Maple-Inj-09-27-10-08:25	3	1.0	6	5.0		10.0	
Maple-Inj-09-30-10-08:30	4	1.0	6	5.0		10.0	
<b>C3</b>							
MW-125-09-13-10-11:20	801	1.0		5.0		10.0	
TW-1-09-07-10-13:18	115	1.0		5.0		10.0	
<b>D0</b>							
A2 Cleaning Supply-09-13-10-13:50	83	1.0		5.0		10.0	
<b>D2</b>							
TW-21-09-07-10-14:10	278	1.0		5.0		10.0	
<b>E</b>							
MW-79s-09-14-10-10:25	190	1.0		5.0		10.0	
MW-85-09-23-10-09:40	1681	1.0		5.0		10.0	
MW-87s-09-15-10-10:05	10	1.0		5.0		10.0	
MW-87d-09-15-10-10:55	485	1.0		5.0		10.0	
MW-88-09-14-10-11:05	390	1.0		5.0		10.0	
MW-100-09-15-10-14:00	579	1.0		5.0		10.0	
MW-115-09-13-10-14:40	541	1.0		5.0		10.0	
TW-11-09-07-10-14:02	200	1.0		5.0		10.0	
TW-15-09-14-10-14:40	156	1.0		5.0		10.0	
<b>None</b>							
HC/HR-09-01-10-06:55		1.0	nd	2.0		10.0	
HC/HR-09-02-10-07:10		1.0	nd	2.0		10.0	
HC/HR-09-03-10-07:55		1.0	nd	2.0		10.0	

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<b>None</b>							
HC/HR-09-07-10-08:40		1.0	nd	2.0		10.0	
HC/HR-09-08-10-		1.0		5.0		10.0	duplicate entry
HC/HR-09-08-10-08:12		1.0	nd	5.0		10.0	
HC/HR-09-09-10-08:15		1.0	nd	5.0		10.0	
HC/HR-09-10-10-08:10		1.0	nd	5.0		10.0	
HC/HR-09-13-10-07:50		1.0	nd	5.0		10.0	
HC/HR-09-14-10-07:55		1.0	nd	5.0		10.0	
HC/HR-09-15-10-07:50		1.0	nd	5.0		10.0	
HC/HR-09-16-10-07:50		1.0	nd	5.0		10.0	
HC/HR-09-17-10-08:20		1.0	nd	5.0		10.0	
HC/HR-09-20-10-07:50		1.0	nd	5.0		10.0	
HC/HR-09-21-10-07:35		1.0	nd	5.0		10.0	
HC/HR-09-22-10-07:45		1.0	nd	5.0		10.0	
HC/HR-09-23-10-07:50		1.0	nd	5.0		10.0	
HC/HR-09-24-10-07:45		1.0	nd	5.0		10.0	
HC/HR-09-27-10-08:50		1.0	nd	5.0		10.0	
HC/HR-09-28-10-07:55		1.0	nd	5.0		10.0	
HC/HR-09-29-10-08:00		1.0	nd	5.0		10.0	
HC/HR-09-30-10-07:50		1.0	nd	5.0		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		CVS %		LFB		LFB %		Sample		MS		MS %		MS/MSD		MS/MSD		MS/MSD	
		True Value	Result	Recovery	True Value	Recovery	True Value	Recovery	True Value	Recovery	Result	Value	Result	Recovery	Mean	RSD	Mean	RSD	Mean	RSD	
9/1/2010	0	10.00	9.22	92.2%	10.00	9.65	96.5%	4.04	10.00	12.58	11.99	85.4%	79.5%	12.29	4.80%						
9/2/2010	0	10.00	9.72	97.2%	10.00	9.57	95.7%	4.20	10.00	12.89	13.29	86.9%	90.9%	13.09	3.06%						
9/3/2010	0	10.00	9.16	91.6%	10.00	9.34	93.4%	3.97	10.00	11.91	13.25	79.4%	92.8%	12.58	10.65%						
9/7/2010	0	10.00	9.06	90.6%	10.00	9.59	95.9%	3.59	10.00	12.33	12.61	87.4%	90.2%	12.47	2.25%						
9/8/2010	0	10.00	9.51	95.1%	10.00	9.11	91.1%	3.93	10.00	12.12	12.64	81.9%	87.1%	12.38	4.20%						
9/9/2010	0	10.00	9.55	95.5%	10.00	0.99	9.9%	4.28	10.00	12.27	12.48	79.9%	82.0%	12.38	1.70%						
9/10/2010	0	10.00	9.44	94.4%	10.00	9.86	98.6%	3.17	10.00	10.86	12.10	76.9%	89.3%	11.48	10.80%						
9/13/2010	0	10.00	9.19	91.9%	10.00	9.78	97.8%	3.38	10.00	10.84	12.49	74.6%	91.1%	11.67	14.14%						
9/14/2010	0	10.00	9.85	98.5%	10.00	9.81	98.1%	3.48	10.00	11.45	10.75	79.7%	72.7%	11.10	6.31%						
9/15/2010	0	10.00	9.36	93.6%	10.00	8.89	88.9%	2.85	10.00	11.13	11.79	82.8%	89.4%	11.46	5.76%						
9/16/2010	0	10.00	9.36	93.6%	10.00	8.85	88.5%	2.73	10.00	10.88	11.34	81.5%	86.1%	11.11	4.14%						
9/17/2010	0	10.00	9.57	95.7%	10.00	8.42	84.2%	2.83	10.00	11.12	10.80	82.9%	79.7%	10.96	2.92%						
9/20/2010	0	10.00	9.78	97.8%	10.00	10.57	105.7%	3.88	10.00	14.65	14.58	107.7%	107.0%	14.62	0.48%						
9/21/2010	0	10.00	9.82	98.2%	10.00	9.07	90.7%	3.20	10.00	12.27	9.76	90.7%	65.6%	11.02	22.79%						
9/22/2010	0	10.00	9.09	90.9%	10.00	8.18	81.8%	3.41	10.00	12.02	12.08	86.1%	86.7%	12.05	0.50%						
9/23/2010	0	10.00	9.31	93.1%	10.00	9.54	95.4%	3.44	10.00	10.83	11.69	73.9%	82.5%	11.26	7.64%						
9/24/2010	0	10.00	8.79	87.9%	10.00	8.56	85.6%	0.00	10.00	8.68	8.00	86.8%	80.0%	8.34	8.15%						
9/27/2010	0	10.00	8.29	82.9%	10.00	8.74	87.4%	2.69	10.00	11.24	10.16	85.5%	74.7%	10.70	10.09%						
9/28/2010	0	10.00	8.59	85.9%	10.00	8.00	80.0%	2.70	10.00	12.17	11.24	94.7%	85.4%	11.71	7.95%						
9/29/2010	0	10.00	8.43	84.3%	10.00	10.12	101.2%	1.99	10.00	10.78	12.63	87.9%	106.4%	11.71	15.81%						
9/30/2010	0	10.00	9.15	91.5%	10.00	10.37	103.7%	3.01	10.00	12.71	13.11	97.0%	101.0%	12.91	3.10%						

CVS Mean: **9.25**      2 Standard Dev.: **0.88**      Upper Warning Limit: **10.13**      Upper Control Limit: **10.56**  
 CVS Standard Dev.: **0.44**      3 Standard Dev.: **1.31**      Lower Warning Limit: **8.37**      Lower Control Limit: **7.94**