

Sample Analysis Report

June, 2009

Analyst Initials

Date

AR
07/02/09

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-3-06-01-09-11:04	113	1.0		5.0		10.0	
HZ-S-06-01-09-12:14	867	1.0		5.0		10.0	
LB-1-06-01-09-11:00	537	1.0		5.0		10.0	
LB-3-06-01-09-11:02	471	1.0		5.0		10.0	
PW-1-06-01-09-11:34	907	1.0		5.0		10.0	
SW-COMB-06-01-09-11:30	469	1.0		5.0		10.0	
DOLPH-06-01-09-11:36	92	1.0		5.0		10.0	
TW-5-06-01-09-11:20	903	1.0		5.0		10.0	
TW-6-06-01-09-11:32	97	1.0		5.0		10.0	
TW-8-06-01-09-14:20	514	1.0		5.0		10.0	
TW-9-06-01-09-12:02	1234	1.0		5.0		10.0	
TW-10-06-01-09-11:58	842	1.0		5.0		10.0	
TW-13-06-01-09-12:22	645	1.0		5.0		10.0	
TW-14-06-01-09-12:08	107	1.0		5.0		10.0	
TW-17-06-01-09-12:11	118	1.0		5.0		10.0	
TW-18-06-01-09-11:38	404	1.0		5.0		10.0	
TW-19-06-01-09-08:35	856	1.0		5.0		10.0	
TW-19-06-01-09-12:08		1.0		5.0		10.0	Entry error. Should be TW-14. ✓
TW-19-06-09-09-08:15	849	1.0		5.0		10.0	
TW-19-06-15-09-08:20	863	1.0		5.0		10.0	
TW-19-06-22-09-08:00	851	1.0		5.0		10.0	
TW-19-06-29-09-09:00	832	1.0		5.0		10.0	
TW-20-06-01-09-11:52	2118	1.0		5.0		10.0	

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TEMPORARY EXTRACTION WELLS							
MW-50-06-01-09-14:22	575	1.0		5.0		10.0	
RED POND							
Red Pond-06-01-09-11:40	560	1.0		5.0		10.0	
Red Pond-06-08-09-07:49	564	1.0		5.0		10.0	
Red Pond-06-15-09-08:30	569	1.0		5.0		10.0	
Red Pond-06-22-09-14:33	611	1.0		5.0		10.0	
Red Pond-06-29-09-09:22	423	1.0		5.0		10.0	
OUTFALL001							
OUTFALL-06-01-09-	5	1.0	7	5.0		10.0	
OUTFALL-06-02-09-	4	1.0	6	5.0		10.0	
OUTFALL-06-03-09-	4	1.0	nd	5.0		10.0	
OUTFALL-06-04-09-	4	1.0	6	5.0		10.0	
OUTFALL-06-07-09-	5	1.0	nd	5.0		10.0	
OUTFALL-06-08-09-	5	1.0	5	5.0		10.0	
OUTFALL-06-09-09-	5	1.0	nd	5.0		10.0	
OUTFALL-06-10-09-	5	1.0	5	5.0		10.0	
OUTFALL-06-11-09-	5	1.0	nd	5.0		10.0	
OUTFALL-06-14-09-	5	1.0	5	5.0		10.0	
OUTFALL-06-15-09-	5	1.0	6	5.0		10.0	
OUTFALL-06-16-09-	5	1.0	5	5.0		10.0	
OUTFALL-06-17-09-	6	1.0	5	5.0		10.0	
OUTFALL-06-18-09-	6	1.0	nd	5.0		10.0	
OUTFALL-06-22-09-	9	1.0	nd	5.0		10.0	Had problem with autosampler line leaking.
OUTFALL-06-23-09-	10	1.0	nd	5.0		10.0	Had problem with autosampler line leaking.
OUTFALL-06-24-09-10:45	6	1.0	nd	5.0		10.0	Grab sample due to autosampler line leaking.
OUTFALL-06-25-09-	7	1.0	nd	5.0		10.0	
OUTFALL-06-25-09-07:49	5	1.0	nd	5.0		10.0	
OUTFALL-06-28-09-	5	1.0	nd	5.0		10.0	

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OUTFALL001							
OUTFALL-06-29-09-	4	1.0	nd	5.0		10.0	
OUTFALL-06-30-09-	4	1.0	nd	5.0		10.0	
Injection Wells							
Maple-Inj-06-01-09-08:30	7	1.0	6	5.0		10.0	
Maple-Inj-06-04-09-08:30	5	1.0	5	5.0		10.0	
Maple-Inj-06-09-09-08:10	8	1.0	nd	5.0		10.0	
Maple-Inj-06-11-09-08:20	10	1.0	nd	5.0		10.0	
Maple-Inj-06-15-09-08:15	8	1.0	nd	5.0		10.0	
Maple-Inj-06-18-09-08:20	8	1.0	nd	5.0		10.0	
Maple-Inj-06-22-09-07:50	6	1.0	5	5.0		10.0	
Maple-Inj-06-25-09-08:05	8	1.0	nd	5.0		10.0	
Maple-Inj-06-29-09-08:55	6	1.0	6	5.0		10.0	
D0							
A2 Cleaning Supply-06-04-09-14:50	93	1.0		5.0		10.0	
E							
MW-79s-06-16-09-11:00	418	1.0		5.0		10.0	
MW-85-06-17-09-14:05	1918	1.0		5.0		10.0	
MW-87s-06-16-09-13:30	38	1.0		5.0		10.0	
MW-87d-06-16-09-14:10	655	1.0		5.0		10.0	
MW-88-06-17-09-11:00	381	1.0		5.0		10.0	
MW-100-06-16-09-12:20	282	1.0		5.0		10.0	
MW-115-06-16-09-09:50	745	1.0		5.0		10.0	
TW-15-06-18-09-12:35	150	1.0		5.0		10.0	
None							
HC/HR-06-01-09-07:50		1.0	nd	2.0		10.0	
HC/HR-06-02-09-08:00		1.0	nd	2.0		10.0	
HC/HR-06-03-09-07:50		1.0	nd	2.0		10.0	
HC/HR-06-04-09-08:00		1.0	nd	2.0		10.0	

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None							
HC/HR-06-05-09-07:50		1.0	nd	2.0		10.0	
HC/HR-06-08-09-08:15		1.0	nd	2.0		10.0	
HC/HR-06-09-09-08:15		1.0	nd	2.0		10.0	
HC/HR-06-10-09-07:50		1.0	nd	2.0		10.0	
HC/HR-06-11-09-08:15		1.0	nd	2.0		10.0	
HC/HR-06-12-09-08:15		1.0	nd	2.0		10.0	
HC/HR-06-15-09-08:10		1.0	nd	2.0		10.0	
HC/HR-06-16-09-07:50		1.0	nd	2.0		10.0	
HC/HR-06-17-09-07:55		1.0	nd	2.0		10.0	
HC/HR-06-18-09-08:15		1.0	nd	2.0		10.0	
HC/HR-06-19-09-07:55		1.0	nd	2.0		10.0	
HC/HR-06-22-09-08:20		1.0	nd	2.0		10.0	
HC/HR-06-23-09-07:45		1.0	nd	2.0		10.0	
HC/HR-06-24-09-08:20		1.0	nd	2.0		10.0	
HC/HR-06-25-09-07:50		1.0	nd	2.0		10.0	
HC/HR-06-26-09-07:45		1.0	nd	2.0		10.0	
HC/HR-06-29-09-08:25		1.0	nd	2.0		10.0	
HC/HR-06-30-09-07:55		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>
6/1/2009	0	10.00	10.31	103.1%	10.00	10.72	107.2%	4.99	10.00	16.09	14.91	111.0%	99.2%	15.50	7.61%	
6/2/2009	0	10.00	10.29	102.9%	10.00	10.87	108.7%	4.86	10.00	16.04	15.73	111.8%	108.7%	15.89	1.95%	
6/4/2009	0	10.00	9.81	98.1%	10.00	9.65	96.5%	4.79	10.00	15.25	14.90	104.6%	101.1%	15.08	2.32%	
6/5/2009	0	10.00	9.39	93.9%	10.00	9.70	97.0%	4.47	10.00	14.03	14.46	95.6%	99.9%	14.25	3.02%	
6/7/2009	0	10.00	9.33	93.3%	10.00	8.08	80.8%	5.42	10.00	13.79	16.25	83.7%	108.3%	15.02	16.38%	
6/8/2009	0	10.00	9.53	95.3%	10.00	9.64	96.4%	5.27	10.00	15.02	15.03	97.5%	97.6%	15.03	0.07%	
6/9/2009	0	10.00	9.56	95.6%	10.00	9.72	97.2%	8.14	10.00	18.22	18.29	100.8%	101.5%	18.26	0.38%	
6/10/2009	0	10.00	9.46	94.6%	10.00	9.79	97.9%	5.49	10.00	15.26	16.00	97.7%	105.1%	15.63	4.73%	
6/11/2009	0	10.00	9.03	90.3%	10.00	9.47	94.7%	10.44	10.00	20.02	20.05	95.8%	96.1%	20.04	0.15%	
6/12/2009	0	10.00	9.38	93.8%	10.00	10.02	100.2%	4.90	10.00	15.27	15.38	103.7%	104.8%	15.33	0.72%	
6/15/2009	0	10.00	9.65	96.5%	10.00	9.74	97.4%	7.65	10.00	18.13	18.29	104.8%	106.4%	18.21	0.88%	
6/16/2009	0	10.00	9.55	95.5%	10.00	9.73	97.3%	5.58	10.00	15.37	15.32	97.9%	97.4%	15.35	0.33%	
6/17/2009	0	10.00	9.86	98.6%	10.00	10.20	102.0%	5.59	10.00	16.01	15.61	104.2%	100.2%	15.81	2.53%	
6/18/2009	0	10.00	9.94	99.4%	10.00	9.69	96.9%	8.56	10.00	18.64	18.71	100.8%	101.5%	18.68	0.37%	
6/19/2009	0	10.00	9.86	98.6%	10.00	9.94	99.4%	5.69	10.00	15.49	15.83	98.0%	101.4%	15.66	2.17%	
6/22/2009	0	10.00	10.35	103.5%	10.00	10.51	105.1%	6.51	10.00	16.86	16.88	103.5%	103.7%	16.87	0.12%	
6/23/2009	0	10.00	9.94	99.4%	10.00	9.83	98.3%	9.12	10.00	18.48	19.48	93.6%	103.6%	18.98	5.27%	
6/24/2009	0	10.00	9.99	99.9%	10.00	10.15	101.5%	10.56	10.00	20.54	20.58	99.8%	100.2%	20.56	0.19%	
6/25/2009	0	10.00	9.35	93.5%	10.00	9.52	95.2%	4.69	10.00	14.79	14.55	101.0%	98.6%	14.67	1.64%	
6/26/2009	0	10.00	9.97	99.7%	10.00	10.19	101.9%	6.72	10.00	15.97	16.05	92.5%	93.3%	16.01	0.50%	
6/29/2009	0	10.00	9.69	96.9%	10.00	10.52	105.2%	6.41	10.00	16.60	16.98	101.9%	105.7%	16.79	2.26%	
6/30/2009	0	10.00	9.59	95.9%	10.00	9.83	98.3%	3.74	10.00	13.25	14.44	95.1%	107.0%	13.85	8.60%	

CVS Mean: **9.72** 2 Standard Dev.: **0.69** Upper Warning Limit: **10.41** Upper Control Limit: **10.76**
 CVS Standard Dev: **0.35** 3 Standard Dev.: **1.04** Lower Warning Limit: **9.03** Lower Control Limit: **8.68**