

Sample Analysis Report

March, 2009

Analyst Initials: *JS*
Date: 04/03/09

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-3-03-02-09-08:51	92	1.0		5.0		10.0	
HZ-S-03-02-09-10:10	900	1.0		5.0		10.0	
LB-1-03-02-09-08:47	516	1.0		5.0		10.0	
LB-3-03-02-09-08:49	518	1.0		5.0		10.0	
PW-1-03-02-09-10:20	1035	1.0		5.0		10.0	
SW-COMB-03-02-09-10:25	530	1.0		5.0		10.0	
DOLPH-03-02-09-10:40	94	1.0		5.0		10.0	
TW-5-03-02-09-09:40	949	1.0		5.0		10.0	
TW-6-03-02-09-10:22	131	1.0		5.0		10.0	
TW-8-03-02-09-11:12	492	1.0		5.0		10.0	
TW-9-03-02-09-09:58	1238	1.0		5.0		10.0	
TW-10-03-02-09-09:50	818	1.0		5.0		10.0	
TW-13-03-02-09-10:35	602	1.0		5.0		10.0	
TW-18-03-02-09-10:27	367	1.0		5.0		10.0	
TW-19-03-02-09-08:35	871	1.0		5.0		10.0	
TW-19-03-09-09-08:30	847	1.0		5.0		10.0	
TW-19-03-16-09-08:30	890	1.0		5.0		10.0	
TW-19-03-23-09-08:40	895	1.0		5.0		10.0	
TW-19-03-30-09-08:40	838	1.0		5.0		10.0	
TEMPORARY EXTRACTION WELLS							
MW-50-03-02-09-11:10	880	1.0		5.0		10.0	
RED POND							
Red Pond-03-02-09-11:20	555	1.0		5.0		10.0	
Red Pond-03-09-09-08:00	591	1.0		5.0		10.0	

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RED POND							
Red Pond-03-16-09-07:56	657	1.0		5.0		10.0	
Red Pond-03-23-09-07:55	636	1.0		5.0		10.0	
Red Pond-03-30-09-08:20	606	1.0		5.0		10.0	
OUTFALL001							
OUTFALL-03-01-09-	5	1.0	5	1.0		10.0	
OUTFALL-03-02-09-	4	1.0	4	1.0		10.0	
OUTFALL-03-03-09-	4	1.0	5	1.0		10.0	
OUTFALL-03-04-09-	4	1.0	5	1.0		10.0	
OUTFALL-03-05-09-	4	1.0	5	5.0		10.0	
OUTFALL-03-08-09-	4	1.0	7	5.0		10.0	
OUTFALL-03-09-09-	5	1.0	5	5.0		10.0	
OUTFALL-03-10-09-	5	1.0	7	5.0		10.0	
OUTFALL-03-11-09-	6	1.0	7	5.0		10.0	
OUTFALL-03-12-09-	4	1.0	5	5.0		10.0	
OUTFALL-03-15-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-16-09-	6	1.0	nd	5.0		10.0	
OUTFALL-03-17-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-18-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-19-09-	5	1.0	6	5.0		10.0	
OUTFALL-03-22-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-23-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-24-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-25-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-26-09-	5	1.0	5	5.0		10.0	
OUTFALL-03-29-09-	5	1.0	6	5.0		10.0	
OUTFALL-03-30-09-	6	1.0	6	5.0		10.0	
OUTFALL-03-31-09-	6	1.0	6	5.0		10.0	
Injection Wells							

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Injection Wells							
Maple-Inj-03-02-09-08:30	6	1.0	nd	1.0		10.0	
Maple-Inj-03-03-09-08:15	7	1.0	7	1.0		10.0	
Maple-Inj-03-04-09-08:35	12	1.0	nd	5.0		10.0	
Maple-Inj-03-05-09-08:10	19	1.0	nd	5.0		10.0	
Maple-Inj-03-06-09-08:40	28	1.0	nd	5.0		10.0	
Maple-Inj-03-09-09-08:25	7	1.0	6	5.0		10.0	
Maple-Inj-03-12-09-08:15	7	1.0	8	5.0		10.0	
Maple-Inj-03-16-09-08:25	8	1.0	6	5.0		10.0	
Maple-Inj-03-19-09-08:15	8	1.0	6	5.0		10.0	
Maple-Inj-03-23-09-08:35	10	1.0	5	5.0		10.0	
Maple-Inj-03-26-09-08:25	9	1.0	nd	5.0		10.0	
Maple-Inj-03-30-09-08:35	11	1.0	nd	5.0		10.0	
D0							
A2 Cleaning Supply-03-05-09-13:00	98	1.0		5.0		10.0	
E							
MW-79s-03-05-09-11:20	466	1.0		5.0		10.0	
MW-85-03-19-09-14:00	1771	1.0		5.0		10.0	
MW-87s-03-19-09-11:25	12	1.0		5.0		10.0	
MW-87d-03-19-09-11:55	577	1.0		5.0		10.0	
MW-88-03-19-09-10:10	453	1.0		5.0		10.0	
MW-100-03-05-09-14:00	250	1.0		5.0		10.0	
MW-115-03-05-09-10:45	822	1.0		5.0		10.0	
MW-119-03-19-09-10:55	250	1.0		5.0		10.0	
TW-15-03-12-09-12:30	146	1.0		5.0		10.0	
None							
HC/HR-03-02-09-08:30		1.0	nd	1.0		10.0	
HC/HR-03-03-09-08:30		1.0	nd	1.0		10.0	
HC/HR-03-04-09-08:40		1.0	nd	1.0		10.0	

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None							
HC/HR-03-05-09-08:25		1.0	nd	1.0		10.0	
HC/HR-03-06-09-08:15		1.0	nd	2.0		10.0	
HC/HR-03-09-09-08:15		1.0	nd	2.0		10.0	
HC/HR-03-10-09-08:30		1.0	nd	2.0		10.0	
HC/HR-03-11-09-08:30		1.0	nd	2.0		10.0	
HC/HR-03-12-09-08:00		1.0	nd	2.0		10.0	
HC/HR-03-13-09-08:20		1.0	nd	2.0		10.0	
HC/HR-03-16-09-08:25		1.0	nd	2.0		10.0	
HC/HR-03-17-09-08:00		1.0	nd	2.0		10.0	
HC/HR-03-18-09-08:30		1.0	nd	2.0		10.0	
HC/HR-03-19-09-08:30		1.0	nd	2.0		10.0	
HC/HR-03-20-09-07:55		1.0	nd	2.0		10.0	
HC/HR-03-23-09-08:30		1.0	nd	2.0		10.0	
HC/HR-03-24-09-08:30		1.0	nd	2.0		10.0	
HC/HR-03-25-09-08:20		1.0	nd	2.0		10.0	
HC/HR-03-26-09-08:30		1.0	nd	2.0		10.0	
HC/HR-03-27-09-08:35		1.0	nd	2.0		10.0	
HC/HR-03-30-09-08:25		1.0	nd	2.0		10.0	
HC/HR-03-31-09-08:30		1.0	nd	2.0		10.0	

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

Bromate Precision and Accuracy Control Charting

Analysis Date	Method Blank	ICCS Result	ICCS % Recovery	LFB Result	LFB % Recovery	CCCS Result	CCCS % Recovery	ECCS Result	ECCS % Recovery	Non-Spike Result	LFM & LFMD Results		LFM & LFMD % Recovery	LFM & LFMD Mean	LFM & LFMD RSD	LFM & LFMD RPD
		Actual		Actual		Actual		Actual			Actual		Recovery			
3/9/2009	0	2.3	115.0%	2.3	115.0%	9.2	115.0%			7.3	11.9	11.9	115.0%	11.9	0.00	0.0%
		2.0		2.0		8.0					4.0		115.0%			
3/10/2009	0	2.4	120.0%	2.5	125.0%	9.4	117.5%	18.9	118.1%							
		2.0		2.0		8.0		16.0								
3/12/2009	0	2.3	115.0%	2.1	105.0%	9.1	113.8%	9.4	117.5%	6.7	11.3	11.4	115.0%	11.4	0.62	0.9%
		2.0		2.0		8.0		8.0			4.0		117.5%			
3/16/2009	0	2.0	100.0%	1.8	90.0%	7.9	98.8%	14.5	90.6%	5.6	10.2	10.2	115.0%	10.2	0.00	0.0%
		2.0		2.0		8.0		16.0			4.0		115.0%			
										5.1	8.8	8.7	92.5%	8.8	0.81	1.1%
											4.0		90.0%			
3/17/2009	0	1.7	85.0%	1.6	80.0%			13.8	86.3%	4.7	7.9	7.8	80.0%	7.9	0.90	1.3%
		2.0		2.0				16.0			4.0		77.5%			
3/18/2009	0	1.8	90.0%	1.9	95.0%			17.0	106.3%	5.9	10.0	10.0	102.5%	10.0	0.00	0.0%
		2.0		2.0				16.0			4.0		102.5%			
3/19/2009	0	2.0	100.0%	2.1	105.0%			16.2	101.3%	5.8	9.7	9.5	97.5%	9.6	1.47	2.1%
		2.0		2.0				16.0			4.0		92.5%			
3/20/2009	0	2.0	100.0%	2.0	100.0%			16.2	101.3%	5.5	9.2	9.0	92.5%	9.1	1.55	2.2%
		2.0		2.0				16.0			4.0		87.5%			
3/24/2009	0	2.1	105.0%	2.1	105.0%			15.9	99.4%	6.0	9.6	9.7	90.0%	9.7	0.73	1.0%
		2.0		2.0				16.0			4.0		92.5%			
3/25/2009	0	1.9	95.0%	1.9	95.0%			15.5	96.9%	6.0	9.6	9.6	90.0%	9.6	0.00	0.0%
		2.0		2.0				16.0			4.0		90.0%			
3/26/2009	0	2.0	100.0%	1.9	95.0%			15.1	94.4%	5.5	9.2	9.2	92.5%	9.2	0.00	0.0%
		2.0		2.0				16.0			4.0		92.5%			
3/27/2009	0	1.7	85.0%	1.7	85.0%			13.9	86.9%	5.2	7.4	7.3	55.0%	7.4	0.96	1.4%
		2.0		2.0				16.0			4.0		52.5%			

<i>Analysis Date</i>	<i>Method Blank</i>	<i>ICCS Result</i>	<i>ICCS % Recovery</i>	<i>LFB Result</i>	<i>LFB % Recovery</i>	<i>CCCS Result</i>	<i>CCCS % Recovery</i>	<i>ECCS Result</i>	<i>ECCS % Recovery</i>	<i>Non-Spike Result</i>	<i>LFM & LFMD Results</i>		<i>LFM & LFMD % Recovery</i>	<i>LFM & LFMD Mean</i>	<i>LFM & LFMD RSD</i>	<i>LFM & LFMD RPD</i>
		<i>Actual</i>		<i>Actual</i>		<i>Actual</i>		<i>Actual</i>			<i>Actual</i>					
3/30/2009	0	1.7	85.0%	1.9	95.0%			15.5	96.9%	5.6	9.6	9.6	100.0%	9.6	0.00	0.0%
		2.0		2.0				16.0			4.0		100.0%			
3/31/2009	0	1.9	95.0%	1.8	90.0%			15.2	95.0%	5.4	9.3	9.2	97.5%	9.3	0.76	1.1%
		2.0		2.0				16.0			4.0		95.0%			

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:
3/2/2009	0	10.00	10.31	103.1%	10.00	10.21	102.1%	5.60	10.00	15.81	15.54	102.1%	99.4%	15.68	1.72%	
3/3/2009	0	10.00	9.96	99.6%	10.00	10.27	102.7%	7.17	10.00	17.15	17.64	99.8%	104.7%	17.40	2.82%	
3/4/2009	0	10.00	10.09	100.9%	10.00	10.31	103.1%	12.49	10.00	22.32	22.50	98.3%	100.1%	22.41	0.80%	
3/5/2009	0	10.00	10.16	101.6%	10.00	9.87	98.7%	18.75	10.00	27.90	28.83	91.5%	100.8%	28.37	3.28%	
3/6/2009	0	10.00	10.07	100.7%	10.00	10.28	102.8%	28.48	10.00	35.17	38.90	66.9%	104.2%	37.04	10.07%	
3/9/2009	0	10.00	10.79	107.9%	10.00	9.70	97.0%	7.26	10.00	17.78	18.03	105.2%	107.7%	17.91	1.40%	
3/10/2009	0	10.00	10.06	100.6%	10.00	9.97	99.7%									
3/11/2009	0	10.00	9.80	98.0%	10.00	9.79	97.9%	5.41	10.00	14.79	16.06	93.8%	106.5%	15.43	8.23%	
3/12/2009	0	10.00	10.27	102.7%	10.00	10.35	103.5%	5.81	10.00	15.57	16.38	97.6%	105.7%	15.98	5.07%	
3/13/2009	0	10.00	10.19	101.9%	10.00	9.41	94.1%	3.92	10.00	13.95	8.71	100.3%	47.9%	11.33	46.25%	
3/16/2009	0	10.00	10.14	101.4%	10.00	9.78	97.8%	5.88	10.00	16.59	16.57	107.1%	106.9%	16.58	0.12%	
3/17/2009	0	10.00	10.30	103.0%	10.00	10.49	104.9%	5.89	10.00	16.80	16.82	109.1%	109.3%	16.81	0.12%	
3/18/2009	0	10.00	10.02	100.2%	10.00	10.28	102.8%	6.32	10.00	15.92	17.11	96.0%	107.9%	16.52	7.21%	
	0	10.00	10.02	100.2%	10.00	10.28	102.8%	6.32	10.00	15.92	17.11	96.0%	107.9%	16.52	7.21%	
3/19/2009	0	10.00	10.03	100.3%	10.00	10.44	104.4%	8.47	10.00	18.83	19.80	103.6%	113.3%	19.32	5.02%	
3/20/2009	0	10.00	10.23	102.3%	10.00	10.14	101.4%	5.13	10.00	15.07	15.87	99.4%	107.4%	15.47	5.17%	
3/23/2009	0	10.00	10.51	105.1%	10.00	10.59	105.9%	5.88	10.00	15.99	16.36	101.1%	104.8%	16.18	2.29%	
3/24/2009	0	10.00	10.31	103.1%	10.00	10.56	105.6%	5.87	10.00	15.79	16.56	99.2%	106.9%	16.18	4.76%	
3/25/2009	0	10.00	9.69	96.9%	10.00	10.20	102.0%	5.80	10.00	15.57	16.73	97.7%	109.3%	16.15	7.18%	
3/26/2009	0	10.00	9.98	99.8%	10.00	9.64	96.4%	5.78	10.00	16.18	16.30	104.0%	105.2%	16.24	0.74%	
3/27/2009	0	10.00	9.87	98.7%	10.00	9.77	97.7%	5.16	10.00	15.66	15.77	105.0%	106.1%	15.72	0.70%	
3/30/2009	0	10.00	9.91	99.1%	10.00	10.30	103.0%	10.74	10.00	21.23	21.10	104.9%	103.6%	21.17	0.61%	
3/31/2009	0	10.00	9.80	98.0%	10.00	9.86	98.6%	5.85	10.00	15.84	16.21	99.9%	103.6%	16.03	2.31%	

CVS Mean: **10.11** 2 Standard Dev.: **0.49** Upper Warning Limit: **10.60** Upper Control Limit: **10.84**
 CVS Standard Dev: **0.25** 3 Standard Dev.: **.74** Lower Warning Limit: **9.62** Lower Control Limit: **9.37**