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Sample Analysis Report

February, 2009

Analyst Initials:

Date: 03/16/09

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-3-02-24-09-07:35	95	1.0		5.0		10.0	
HZ-S-02-02-09-10:10	903	1.0		5.0		10.0	
LB-1-02-02-09-08:45	517	1.0		5.0		10.0	
LB-3-02-02-09-08:50	500	1.0		5.0		10.0	
PW-1-02-02-09-09:35	929	1.0		5.0		10.0	
SW-COMB-02-02-09-09:41	563	1.0		5.0		10.0	
DOLPH-02-02-09-09:39	95	1.0		5.0		10.0	
TW-5-02-02-09-09:40	980	1.0		5.0		10.0	
TW-8-02-02-09-09:27	492	1.0		5.0		10.0	
TW-9-02-02-09-10:05	1304	1.0		5.0		10.0	
TW-10-02-02-09-09:55	946	1.0		5.0		10.0	
TW-13-02-02-09-10:25	632	1.0		5.0		10.0	
TW-18-02-02-09-09:37	394	1.0		5.0		10.0	
TW-19-02-02-09-08:40	887	1.0		5.0		10.0	
TW-19-02-09-09-08:25	881	1.0		5.0		10.0	
TW-19-02-16-09-08:15	925	1.0		5.0		10.0	
TW-19-02-23-09-08:25	908	1.0		5.0		10.0	
TW-20-02-02-09-10:00	1895	1.0		5.0		10.0	
TEMPORARY EXTRACTION WELLS							
MW-50-02-02-09-09:25	899	1.0		5.0		10.0	
RED POND							
Red Pond-02-02-09-09:33	688	1.0		5.0		10.0	
Red Pond-02-09-09-08:18	698	1.0		5.0		10.0	
Red Pond-02-16-09-07:51	707	1.0		5.0		10.0	

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
RED POND							
Red Pond-02-23-09-08:00	677	1.0		5.0		10.0	
OUTFALL001							
OUTFALL-02-01-09-	6	1.0	6	5.0		10.0	
OUTFALL-02-02-09-	6	1.0	5	5.0		10.0	
OUTFALL-02-03-09-	6	1.0	nd	5.0		10.0	
OUTFALL-02-04-09-	6	1.0	nd	5.0		10.0	
OUTFALL-02-05-09-	6	1.0	5	5.0		10.0	
OUTFALL-02-08-09-	6	1.0	5	5.0		10.0	
OUTFALL-02-09-09-	5	1.0	6	5.0		10.0	
OUTFALL-02-10-09-	7	1.0	5	5.0		10.0	
OUTFALL-02-11-09-	6	1.0	6	5.0		10.0	
OUTFALL-02-12-09-	6	1.0	5	5.0		10.0	
OUTFALL-02-15-09-	6	1.0	5	5.0		10.0	
OUTFALL-02-16-09-	6	1.0	nd	5.0		10.0	
OUTFALL-02-17-09-	6	1.0	5	5.0		10.0	
OUTFALL-02-18-09-	6	1.0	nd	5.0		10.0	
OUTFALL-02-19-09-	6	1.0	nd	5.0		10.0	
OUTFALL-02-22-09-	6	1.0	4	1.0		10.0	
OUTFALL-02-23-09-	6	1.0	4	1.0		10.0	
OUTFALL-02-24-09-	6	1.0	4	1.0		10.0	
OUTFALL-02-25-09-	6	1.0	5	1.0		10.0	
OUTFALL-02-26-09-	5	1.0	5	1.0		10.0	
Injection Wells							
Maple-Inj-02-02-09-08:35	17	1.0	nd	5.0		10.0	
Maple-Inj-02-03-09-08:20	13	1.0	nd	5.0		10.0	
Maple-Inj-02-04-09-09:35	10	1.0	5	5.0		10.0	
Maple-Inj-02-05-09-08:25	10	1.0	5	5.0		10.0	
Maple-Inj-02-06-09-08:15	12	1.0	nd	5.0		10.0	

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
Injection Wells							
Maple-Inj-02-09-09-08:20	8	1.0	6	5.0		10.0	
Maple-Inj-02-10-09-08:00	13	1.0	nd	5.0		10.0	
Maple-Inj-02-11-09-08:15	17	1.0	nd	5.0		10.0	
Maple-Inj-02-12-09-08:35	10	1.0	6	5.0		10.0	
Maple-Inj-02-13-09-08:20	9	1.0	5	5.0		10.0	
Maple-Inj-02-16-09-08:10	9	1.0	5	5.0		10.0	
Maple-Inj-02-17-09-08:20	15	1.0	nd	5.0		10.0	
Maple-Inj-02-18-09-08:10	22	1.0	nd	5.0		10.0	
Maple-Inj-02-19-09-08:00	10	1.0	nd	5.0		10.0	
Maple-Inj-02-20-09-07:45	11	1.0	nd	5.0		10.0	
Maple-Inj-02-23-09-08:25	9	1.0	7	1.0		10.0	
Maple-Inj-02-24-09-08:25	11	1.0	nd	1.0		10.0	
Maple-Inj-02-25-09-08:00	13	1.0	nd	5.0		10.0	
Maple-Inj-02-26-09-08:30	11	1.0	nd	5.0		10.0	
Maple-Inj-02-27-09-08:20	14	1.0	nd	5.0		10.0	
C3							
MW-5d-02-10-09-14:30	21500	1.0		5.0		10.0	
D0							
A2 Cleaning Supply-02-05-09-12:05	97	1.0		5.0		10.0	
D2							
MW-17-02-17-09-11:35	777	1.0		5.0		10.0	
MW-47s-02-24-09-14:10	nd	1.0		5.0		10.0	
MW-47d-02-24-09-14:27	nd	1.0		5.0		10.0	
MW-54d-02-24-09-13:40	33	1.0		5.0		10.0	
MW-77-02-23-09-11:40	904	1.0		5.0		10.0	
MW-94s-02-03-09-12:55	2384	1.0		5.0		10.0	
MW-113-02-20-09-14:00	30	1.0		5.0		10.0	
MW-120s-02-20-09-12:55	nd	1.0		5.0		10.0	

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D2							
MW-120d-02-20-09-12:40	nd	1.0		5.0		10.0	
MW-122s-02-20-09-11:30	88	1.0		5.0		10.0	
MW-122d-02-20-09-10:50	nd	1.0		5.0		10.0	
MW-KD-1s-02-23-09-13:35	30	1.0		5.0		10.0	
MW-KD-1d-02-23-09-14:00	166	1.0		5.0		10.0	
593 Allison-02-23-09-12:40	502	1.0		5.0		10.0	
430 Barber West-02-23-09-11:00	15	1.0		5.0		10.0	
E							
MW-79s-02-17-09-12:00	480	1.0		5.0		10.0	
MW-81-02-25-09-14:10	464	1.0		5.0		10.0	
MW-85-02-13-09-14:00	1603	1.0		5.0		10.0	
MW-87s-02-09-09-10:50	13	1.0		5.0		10.0	
MW-87d-02-09-09-11:20	498	1.0		5.0		10.0	
MW-88-02-17-09-13:00	445	1.0		5.0		10.0	
MW-94d-02-03-09-12:35	nd	1.0		5.0		10.0	
MW-95-02-02-09-14:30	96	1.0		5.0		10.0	
MW-96-02-02-09-13:45	146	1.0		5.0		10.0	
MW-98d-02-25-09-09:50	8	1.0		5.0		10.0	
MW-100-02-17-09-14:00	238	1.0		5.0		10.0	
MW-103s-02-02-09-12:35	35	1.0		5.0		10.0	
MW-103d-02-02-09-12:20	18	1.0		5.0		10.0	
MW-104-02-25-09-10:35	nd	1.0		5.0		10.0	
MW-107-02-23-09-13:10	19	1.0		5.0		10.0	
MW-110-02-25-09-11:05	27	1.0		5.0		10.0	
MW-115-02-06-09-14:15	809	1.0		5.0		10.0	
MW-117-02-20-09-13:20	3	1.0		5.0		10.0	
MW-119-02-25-09-	See Comments	1.0		5.0		10.0	Big pile of snow and ice on well - cannot be sampled.
MW-119-02-27-09-09:55	190	1.0		5.0		10.0	

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
E							
TW-15-02-10-09-11:50	143	1.0		5.0		10.0	
None							
HC/HR-02-02-09-08:40		1.0	nd	2.0		10.0	
HC/HR-02-03-09-08:45		1.0	nd	2.0		10.0	
HC/HR-02-04-09-09:15		1.0	nd	2.0		10.0	
HC/HR-02-05-09-08:45		1.0	nd	2.0		10.0	
HC/HR-02-06-09-08:20		1.0	nd	2.0		10.0	
HC/HR-02-09-09-08:20		1.0	nd	2.0		10.0	
HC/HR-02-10-09-08:15		1.0	nd	2.0		10.0	
HC/HR-02-11-09-08:35		1.0	nd	2.0		10.0	
HC/HR-02-12-09-08:25		1.0	nd	2.0		10.0	
HC/HR-02-13-09-08:25		1.0	nd	2.0		10.0	
HC/HR-02-16-09-08:25		1.0	nd	2.0		10.0	
HC/HR-02-17-09-08:15		1.0	nd	2.0		10.0	
HC/HR-02-18-09-08:35		1.0	nd	2.0		10.0	
HC/HR-02-19-09-07:55		1.0	nd	2.0		10.0	
HC/HR-02-20-09-07:55		1.0	nd	2.0		10.0	
HC/HR-02-23-09-09:20		1.0	nd	1.0		10.0	
HC/HR-02-24-09-08:20		1.0	nd	1.0		10.0	
HC/HR-02-25-09-08:15		1.0	nd	1.0		10.0	
HC/HR-02-26-09-08:20		1.0	nd	1.0		10.0	
HC/HR-02-27-09-08:20		1.0	nd	1.0		10.0	

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

Bromate Precision and Accuracy Control Charting

<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>
		<u>Actual</u>		<u>Actual</u>		<u>Actual</u>		<u>Actual</u>			<u>Actual</u>					
2/2/2009	0	1.8	90.0%	2.0	100.0%			17.9	111.9%	5.5	10.0	10.4	112.5%	10.2	2.77	3.9%
		2.0		2.0				16.0			4.0		122.5%			
2/3/2009	0	2.0	100.0%	2.2	110.0%			17.9	111.9%	5.4	9.7	9.9	107.5%	9.8	1.44	2.0%
		2.0		2.0				16.0			4.0		112.5%			
2/4/2009	0	2.0	100.0%	2.0	100.0%			17.3	108.1%	4.9	9.2	9.3	107.5%	9.3	0.76	1.1%
		2.0		2.0				16.0			4.0		110.0%			
2/5/2009	0	1.7	85.0%	2.0	100.0%			17.0	106.3%	4.9	9.1	8.7	105.0%	8.9	3.18	4.5%
		2.0		2.0				16.0			4.0		95.0%			
2/6/2009	0	1.8	90.0%	2.0	100.0%			15.3	95.6%	5.2	8.5	8.6	82.5%	8.6	0.83	1.2%
		2.0		2.0				16.0			4.0		85.0%			
2/9/2009	0	1.9	95.0%	1.8	90.0%			15.8	98.8%	5.2	9.5	9.6	107.5%	9.6	0.74	1.0%
		2.0		2.0				16.0			4.0		110.0%			
2/10/2009	0	2.2	110.0%	1.9	95.0%			17.0	106.3%	5.7	10.2	10.0	112.5%	10.1	1.40	2.0%
		2.0		2.0				16.0			4.0		107.5%			
2/11/2009	0	1.9	95.0%	2.0	100.0%	17.0	106.3%	17.0	106.3%	5.2	9.6	9.5	110.0%	9.6	0.74	1.0%
		2.0		2.0		16.0		16.0			4.0		107.5%			
2/12/2009	0	2.0	100.0%	2.1	105.0%			16.0	100.0%	5.5	9.1	9.0	90.0%	9.1	0.78	1.1%
		2.0		2.0				16.0			4.0		87.5%			
2/13/2009	0	1.5	75.0%	2.1	105.0%			15.6	97.5%	5.1	8.9	8.6	95.0%	8.8	2.42	3.4%
		2.0		2.0				16.0			4.0		87.5%			
2/16/2009	0	1.6	80.0%	1.6	80.0%			14.5	90.6%	5.2	8.9	9.0	92.5%	9.0	0.79	1.1%
		2.0		2.0				16.0			4.0		95.0%			
2/17/2009	0	1.6	80.0%	1.8	90.0%			15.2	95.0%	4.9	8.9	8.6	100.0%	8.8	2.42	3.4%
		2.0		2.0				16.0			4.0		92.5%			

<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>					
2/18/2009	0	1.9	95.0%	1.7	85.0%			16.4	102.5%	5.4	9.2	9.3	95.0%	9.3	0.76	1.1%
		2.0		2.0				16.0			4.0		97.5%			
2/19/2009	0	1.9	95.0%	2.3	115.0%			14.0	87.5%	4.7	8.4	8.1	92.5%	8.3	2.57	3.6%
		2.0		2.0				16.0			4.0		85.0%			
2/20/2009	0	1.7	85.0%	1.6	80.0%			14.6	91.3%	4.6	7.7	7.6	77.5%	7.7	0.92	1.3%
		2.0		2.0				16.0			4.0		75.0%			

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>
2/2/2009	0	10.00	10.20	102.0%	10.00	10.10	101.0%	17.21	10.00	27.14	27.89	99.3%	106.8%	27.52	2.73%	
2/3/2009	0	10.00	9.82	98.2%	10.00	9.99	99.9%	13.43	10.00	24.45	24.15	110.2%	107.2%	24.30	1.23%	
	0	10.00	10.10	101.0%	10.00	10.14	101.4%									
2/4/2009	0	10.00	9.70	97.0%	10.00	10.12	101.2%	10.59	10.00	21.16	21.18	105.7%	105.9%	21.17	0.09%	
2/5/2009	0	10.00	9.62	96.2%	10.00	9.76	97.6%	9.68	10.00	19.69	19.77	100.1%	100.9%	19.73	0.41%	
2/6/2009	0	10.00	9.58	95.8%	10.00	9.11	91.1%	11.65	10.00	22.34	22.48	106.9%	108.3%	22.41	0.62%	
2/9/2009	0	10.00	9.72	97.2%	10.00	9.94	99.4%	8.07	10.00	19.50	18.96	114.3%	108.9%	19.23	2.81%	
2/10/2009	0	10.00	9.81	98.1%	10.00	9.85	98.5%	12.67	10.00	21.95	22.53	92.8%	98.6%	22.24	2.61%	
2/11/2009	0	10.00	10.06	100.6%	10.00	10.20	102.0%	16.73	10.00	27.92	26.94	111.9%	102.1%	27.43	3.57%	
2/12/2009	0	10.00	9.74	97.4%	10.00	9.99	99.9%	9.56	10.00	19.77	19.59	102.1%	100.3%	19.68	0.91%	
2/13/2009	0	10.00	10.00	100.0%	10.00	10.28	102.8%	8.88	10.00	19.74	19.45	108.6%	105.7%	19.60	1.48%	
2/16/2009	0	10.00	10.40	104.0%	10.00	10.34	103.4%	8.92	10.00	20.23	20.07	113.1%	111.5%	20.15	0.79%	
2/17/2009	0	10.00	10.30	103.0%	10.00	10.35	103.5%	15.28	10.00	25.82	26.13	105.4%	108.5%	25.98	1.19%	
2/18/2009	0	10.00	9.55	95.5%	10.00	10.08	100.8%	22.23	10.00	33.25	33.60	110.2%	113.7%	33.43	1.05%	
2/19/2009	0	10.00	10.43	104.3%	10.00	10.42	104.2%	10.38	10.00	21.73	21.17	113.5%	107.9%	21.45	2.61%	
2/20/2009	0	10.00	9.89	98.9%	10.00	10.27	102.7%	10.88	10.00	21.60	21.24	107.2%	103.6%	21.42	1.68%	
2/23/2009	0	10.00	10.33	103.3%	10.00	11.01	110.1%	8.60	10.00	21.11	21.31	125.1%	127.1%	21.21	0.94%	
2/24/2009	0	10.00	10.65	106.5%	10.00	10.92	109.2%	10.60	10.00	21.70	22.40	111.0%	118.0%	22.05	3.17%	
2/25/2009	0	10.00	10.70	107.0%	10.00	10.69	106.9%	13.34	10.00	24.17	24.24	108.3%	109.0%	24.21	0.29%	
2/26/2009	0	10.00	10.52	105.2%	10.00	11.17	111.7%	12.23	10.00	22.51	23.98	102.8%	117.5%	23.25	6.32%	
	0	10.00	9.97	99.7%	10.00	9.72	97.2%									
2/27/2009	0	10.00	9.98	99.8%	10.00	9.34	93.4%	14.06	10.00	24.29	24.76	102.3%	107.0%	24.53	1.92%	

CVS Mean: **10.05**
CVS Standard Dev: **0.35**

2 Standard Dev.: **0.70**
3 Standard Dev.: **1.05**

Upper Warning Limit: **10.75**
Lower Warning Limit: **9.35**

Upper Control Limit: **11.10**
Lower Control Limit: **9.00**