

Sample Analysis Report

November, 2009

Analyst Initials

Date

gk
12/09

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-3-11-02-09-09:53	113	1.0		5.0		10.0	
HZ-S-11-02-09-11:47	694	1.0		5.0		10.0	
LB-1-11-02-09-09:49	440	1.0		5.0		10.0	
LB-3-11-02-09-09:51	372	1.0		5.0		10.0	
PW-1-11-02-09-08:38	732	1.0		5.0		10.0	
SW-COMB-11-02-09-08:32	510	1.0		5.0		10.0	
DOLPH-11-02-09-08:34	77	1.0		5.0		10.0	
TW-5-11-02-09-11:21	812	1.0		5.0		10.0	
TW-8-11-02-09-14:00	442	1.0		5.0		10.0	
TW-9-11-02-09-11:43	977	1.0		5.0		10.0	
TW-10-11-02-09-11:32	740	1.0		5.0		10.0	
TW-13-11-02-09-12:06	571	1.0		5.0		10.0	
TW-14-11-02-09-11:39	108	1.0		5.0		10.0	
TW-17-11-02-09-11:36	96	1.0		5.0		10.0	
TW-18-11-02-09-08:36	317	1.0		5.0		10.0	
TW-19-11-02-09-09:18	723	1.0		5.0		10.0	
TW-19-11-09-09-08:52	814	1.0		5.0		10.0	
TW-19-11-16-09-08:40	804	1.0		5.0		10.0	
TW-19-11-23-09-08:45	733	1.0		5.0		10.0	
TW-19-11-30-09-08:55	751	1.0		5.0		10.0	
TW-20-11-02-09-11:59	1465	1.0		5.0		10.0	
RED POND							
Red Pond-11-02-09-08:30	492	1.0		5.0		10.0	

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RED POND							
Red Pond-11-09-09-08:05	556	1.0		5.0		10.0	
Red Pond-11-16-09-08:00	594	1.0		5.0		10.0	
Red Pond-11-23-09-07:45	561	1.0		5.0		10.0	
Red Pond-11-30-09-07:50	589	1.0		5.0		10.0	
OUTFALL001							
OUTFALL-11-01-09-	5	1.0	nd	5.0		10.0	
OUTFALL-11-02-09-	4	1.0	6	5.0		10.0	
OUTFALL-11-03-09-	5	1.0	nd	5.0		10.0	
OUTFALL-11-04-09-	4	1.0	nd	5.0		10.0	
OUTFALL-11-05-09-	4	1.0	5	5.0		10.0	
OUTFALL-11-08-09-	5	1.0	nd	5.0		10.0	
OUTFALL-11-09-09-	5	1.0	nd	5.0		10.0	
OUTFALL-11-10-09-	4	1.0	5	5.0		10.0	
OUTFALL-11-11-09-	4	1.0	6	5.0		10.0	
OUTFALL-11-12-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-15-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-16-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-17-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-18-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-19-09-	4	1.0	8	5.0		10.0	
OUTFALL-11-22-09-	4	1.0	8	5.0		10.0	
OUTFALL-11-23-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-24-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-25-09-	5	1.0	7	5.0		10.0	
OUTFALL-11-26-09-	4	1.0	7	5.0		10.0	
OUTFALL-11-29-09-	5	1.0	7	5.0		10.0	
OUTFALL-11-30-09-	5	1.0	7	5.0		10.0	
Injection Wells							

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Injection Wells							
Maple-Inj-11-02-09-09:12	5	1.0	6	5.0		10.0	
Maple-Inj-11-05-09-09:17	5	1.0	nd	5.0		10.0	
Maple-Inj-11-09-09-08:45	6	1.0	nd	5.0		10.0	
Maple-Inj-11-12-09-08:24	3	1.0	8	5.0		10.0	
Maple-Inj-11-16-09-08:35	6	1.0	6	5.0		10.0	
Maple-Inj-11-19-09-08:05	6	1.0	nd	5.0		10.0	
Maple-Inj-11-23-09-08:42	5	1.0	6	5.0		10.0	
Maple-Inj-11-25-09-08:50	5	1.0	6	5.0		10.0	
Maple-Inj-11-30-09-08:50	6	1.0	6	5.0		10.0	
C3							
TW-1-11-02-09-08:40	132	1.0		5.0		10.0	
TW-3-11-06-09-14:30	59	1.0		5.0		10.0	
D0							
MW-41s-11-06-09-09:48	19	1.0		5.0		10.0	
MW-41d-11-06-09-09:45	34	1.0		5.0		10.0	
A2 Cleaning Supply-11-05-09-14:00	90	1.0		5.0		10.0	
D2							
2819 Dexter Rd-11-02-09-14:00	643	1.0		5.0		10.0	
373 Pinewood Shallow-11-02-09-10:00	570	1.0		5.0		10.0	
E							
MW-79s-11-03-09-11:30	298	1.0		5.0		10.0	
MW-81-11-03-09-10:45	438	1.0		5.0		10.0	
MW-85-11-04-09-12:15	1746	1.0		5.0		10.0	
MW-87s-11-04-09-10:15	182	1.0		5.0		10.0	
MW-87d-11-04-09-10:50	503	1.0		5.0		10.0	
MW-88-11-04-09-11:35	346	1.0		5.0		10.0	
MW-91-11-06-09-10:55	11	1.0		5.0		10.0	
MW-100-11-06-09-14:20	354	1.0		5.0		10.0	

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E							
MW-115-11-03-09-09:50	676	1.0		5.0		10.0	
TW-11-11-02-09-11:23	274	1.0		5.0		10.0	
TW-12-11-06-09-12:05	18	1.0		5.0		10.0	
TW-15-11-04-09-14:35	167	1.0		5.0		10.0	
373 Pinewood Deep-11-02-09-11:15	nd	1.0		5.0		10.0	
None							
HC/HR-11-02-09-08:15		1.0	nd	2.0		10.0	
HC/HR-11-03-09-08:15		1.0	nd	2.0		10.0	
HC/HR-11-04-09-08:10		1.0	nd	2.0		10.0	
HC/HR-11-05-09-07:40		1.0	nd	2.0		10.0	
HC/HR-11-06-09-08:35		1.0	nd	2.0		10.0	
HC/HR-11-09-09-08:20		1.0	nd	2.0		10.0	
HC/HR-11-10-09-08:40		1.0	nd	2.0		10.0	
HC/HR-11-11-09-08:15		1.0	nd	2.0		10.0	
HC/HR-11-12-09-08:20		1.0	nd	2.0		10.0	
HC/HR-11-13-09-08:30		1.0	nd	2.0		10.0	
HC/HR-11-16-09-08:35		1.0	nd	2.0		10.0	
HC/HR-11-17-09-08:15		1.0	nd	2.0		10.0	
HC/HR-11-18-09-07:55		1.0	nd	2.0		10.0	
HC/HR-11-19-09-07:50		1.0	nd	2.0		10.0	
HC/HR-11-20-09-08:00		1.0	nd	2.0		10.0	
HC/HR-11-23-09-08:10		1.0	nd	2.0		10.0	
HC/HR-11-24-09-08:05		1.0	nd	2.0		10.0	
HC/HR-11-25-09-08:25		1.0	nd	2.0		10.0	
HC/HR-11-27-09-10:00		1.0	nd	2.0		10.0	
HC/HR-11-30-09-08:15		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

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:
11/2/2009	0	10.00	9.88	98.8%	10.00	9.38	93.8%	5.04	10.00	15.07	14.57	100.3%	95.3%	14.82	3.37%	
11/3/2009	0	10.00	10.06	100.6%	10.00	9.74	97.4%	4.56	10.00	14.32	14.47	97.6%	99.1%	14.40	1.04%	
11/4/2009	0	10.00	9.46	94.6%	10.00	9.75	97.5%	4.66	10.00	13.79	14.15	91.3%	94.9%	13.97	2.58%	
11/5/2009	0	10.00	9.56	95.6%	10.00	9.52	95.2%	4.73	10.00	14.47	14.23	97.4%	95.0%	14.35	1.67%	
11/6/2009	0	10.00	9.74	97.4%	10.00	10.53	105.3%	4.31	10.00	14.64	14.58	103.3%	102.7%	14.61	0.41%	
11/10/2009	0	10.00	10.54	105.4%	10.00	9.91	99.1%		10.00							
11/11/2009	0	10.00	9.84	98.4%	10.00	10.28	102.8%	4.43	10.00	15.32	14.74	108.9%	103.1%	15.03	3.86%	
	0	10.00			10.00	10.23	102.3%		10.00							
11/12/2009	0	10.00	9.88	98.8%	10.00	9.96	99.6%	3.12	10.00	13.34	13.35	102.2%	102.3%	13.35	0.07%	
11/13/2009	0	10.00	9.59	95.9%	10.00	10.32	103.2%	4.28	10.00	14.21	15.53	99.3%	112.5%	14.87	8.88%	
11/16/2009	0	10.00	9.40	94.0%	10.00	10.50	105.0%	6.21	10.00	17.13	16.79	109.2%	105.8%	16.96	2.00%	
11/17/2009	0	10.00	10.51	105.1%	10.00	10.41	104.1%	4.34	10.00	15.55	14.52	112.1%	101.8%	15.04	6.85%	
11/18/2009	0	10.00	10.65	106.5%	10.00	7.46	74.6%	4.37	10.00	14.61	14.70	102.4%	103.3%	14.66	0.61%	
11/20/2009	0	10.00	9.85	98.5%	10.00	9.70	97.0%	4.35	10.00	12.76	14.52	84.1%	101.7%	13.64	12.90%	
11/23/2009	0	10.00	9.53	95.3%	10.00	9.89	98.9%	5.34	10.00	14.10	14.41	87.6%	90.7%	14.26	2.17%	
11/24/2009	0	10.00	9.92	99.2%	10.00	10.04	100.4%	4.01	10.00	14.55	14.27	105.4%	102.6%	14.41	1.94%	
11/25/2009	0	10.00	9.37	93.7%	10.00	9.36	93.6%	4.03	10.00	13.96	15.12	99.3%	110.9%	14.54	7.98%	
11/30/2009	0	10.00	10.20	102.0%	10.00	10.10	101.0%	6.12	10.00	16.55	17.48	104.3%	113.6%	17.02	5.47%	

Handwritten notes:
 74.6% (circled)
 Sample
 RK
 11/20/2009

CVS Mean: **9.88** 2 Standard Dev.: **0.80** Upper Warning Limit: **10.68** Upper Control Limit: **11.08**
 CVS Standard Dev: **0.40** 3 Standard Dev.: **1.20** Lower Warning Limit: **9.08** Lower Control Limit: **8.68**

