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Sample Analysis Report

February, 2011

Analyst Initials: RC
Date: 03/16/11

Sample Name - Date/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							
C3							
DOLPH-02-07-11-09:22-1	87	1.0					
TW-1-02-07-11-09:28-1	156	1.0					
TW-10-02-07-11-12:50-1	874	1.0					
TW-14-02-07-11-12:58-1	118	1.0					
TW-20-02-07-11-12:40-1	1647	1.0					
D2							
AE-3-02-07-11-10:34-1	157	1.0					
HZ-S-02-07-11-13:00-1	1025	1.0					
LB-1-02-07-11-10:30-1	634	1.0					
LB-3-02-07-11-10:32-1	605	1.0					
TW-21-02-07-11-11:00-1	286	1.0					
TW-5-02-07-11-11:10-1	1011	1.0					
TW-9-02-07-11-13:05-1	1039	1.0					
E							
TW-11-02-07-11-11:12-1	234	1.0					
TW-17-02-07-11-12:55-1	90	1.0					
TW-18-02-07-11-09:24-1	415	1.0					
Marshy							
PW-1-02-07-11-09:26-1	1209	1.0					

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Not Applicable							
SW-COMB-02-07-11-09:20-1	570	1.0					
SW							
TW-22-02-07-11-12:30-1	715	1.0					
TW-8-02-07-11-13:35-1	559	1.0					
Monitoring Wells							
C3							
MW-128s-02-14-11-14:20-1	nd	1.0					
D0							
A2 Cleaning Supply-02-10-11-12:15-1	106	1.0					
D2							
MW-113-02-15-11-13:35-1	46	1.0					
MW-129i-02-24-11-11:50-1	nd	1.0					
MW-129s-02-24-11-14:30-1	nd	1.0					
E							
MW-100-02-18-11-14:05-1	830	1.0					
MW-104-02-15-11-11:00-1	nd	1.0					
MW-110-02-15-11-11:40-1	29	1.0					
MW-115-02-15-11-14:20-1	723	1.0					
MW-128d-02-14-11-13:50-1	nd	1.0					
MW-129d-02-24-11-14:00-1	nd	1.0					
MW-79s-02-16-11-10:30-1	230	1.0					
MW-81-02-15-11-10:15-1	530	1.0					
MW-85-02-16-11-14:05-1	2057	1.0					
MW-87d-02-17-11-10:55-1	689	1.0					

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MW-87s-02-17-11-10:20-1	338	1.0					
MW-88-02-16-11-11:20-1	508	1.0					
MW-98d-02-04-11-14:15-1	13	1.0					
TW-15-02-17-11-14:40-1	196	1.0					
SH							
MW-5d-02-18-11-10:00-1	8618	1.0					
Surface Water							
Not Applicable							
HC/HR-02-01-11-08:15-2			nd	2.0			
HC/HR-02-02-11-1			nd	2.0			
HC/HR-02-03-11-08:40-1			nd	2.0			
HC/HR-02-04-11-07:35-1			nd	2.0			
HC/HR-02-07-11-08:50-1			nd	2.0			
HC/HR-02-08-11-09:10-1			nd	2.0			
HC/HR-02-09-11-10:18-1			nd	2.0			
HC/HR-02-10-11-09:00-1			nd	2.0			
HC/HR-02-11-11-07:55-1			nd	2.0			
HC/HR-02-14-11-08:10-1			nd	2.0			
HC/HR-02-15-11-08:15-1			nd	2.0			
HC/HR-02-16-11-08:20-1			nd	2.0			
HC/HR-02-17-11-08:20-1			nd	2.0			
HC/HR-02-18-11-08:20-1			nd	2.0			
HC/HR-02-21-11-08:30-1			nd	2.0			
HC/HR-02-22-11-08:40-1			nd	2.0			
HC/HR-02-23-11-08:40-1			nd	2.0			
HC/HR-02-24-11-08:20-1			nd	2.0			

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HC/HR-02-25-11-08:00-1			nd	2.0			
HC/HR-02-28-11-08:10-1			nd	2.0			
Treatment System							
OUTFALL-02-01-11-1	4	1.0					
OUTFALL-02-01-11-			nd	5.0			
OUTFALL-02-02-11-1	4	1.0					
OUTFALL-02-02-11-02			5	5.0			
OUTFALL-02-03-11-1	4	1.0					
OUTFALL-02-03-11-			nd	5.0			
OUTFALL-02-06-11-1	3	1.0					
OUTFALL-02-06-11-			nd	5.0			
OUTFALL-02-07-11-1	5	1.0					
OUTFALL-02-07-11-			nd	5.0			
OUTFALL-02-08-11-1	3	1.0					
OUTFALL-02-08-11-02			nd	5.0			
OUTFALL-02-09-11-1	6	1.0					
OUTFALL-02-09-11-03			nd	5.0			
OUTFALL-02-10-11-1	6	1.0					
OUTFALL-02-10-11-			nd	5.0			
OUTFALL-02-13-11-1	6	1.0					
OUTFALL-02-13-11-			nd	5.0			
OUTFALL-02-14-11-1	6	1.0					
OUTFALL-02-14-11-			nd	5.0			
OUTFALL-02-15-11-1	6	1.0					
OUTFALL-02-15-11-			nd	5.0			
OUTFALL-02-16-11-1	5	1.0					
OUTFALL-02-16-11-			5	5.0			

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OUTFALL-02-17-11-1	6	1.0					
OUTFALL-02-17-11-			nd	5.0			
OUTFALL-02-20-11-1	4	1.0					
OUTFALL-02-20-11-			nd	5.0			
OUTFALL-02-21-11-1	4	1.0					
OUTFALL-02-21-11-			5	5.0			
OUTFALL-02-22-11-1	3	1.0					
OUTFALL-02-22-11-			5	5.0			
OUTFALL-02-23-11-1	4	1.0					
OUTFALL-02-23-11-			nd	5.0			
OUTFALL-02-24-11-1	5	1.0					
OUTFALL-02-24-11-			5	5.0			
OUTFALL-02-27-11-1	4	1.0					
OUTFALL-02-27-11-02			nd	5.0			
OUTFALL-02-28-11-1	3	1.0					
OUTFALL-02-28-11-			nd	5.0			
Red Pond-02-07-11-09:30-1	530	1.0					
Red Pond-02-14-11-08:30-1	543	1.0					
Red Pond-02-22-11-14:00-1	513	1.0					
Red Pond-02-28-11-14:05-1	523	1.0					

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:*
2/3/2011	0	10.00	8.62	86.2%	10.00	8.08	80.8%	3.88	10.00	16.54	11.57	**126.6%**	**76.9%**	14.06	**35.36%**	
2/7/2011	0	10.00	9.59	95.9%	10.00	9.41	94.1%	3.02	10.00	9.72	11.21	**67.0%**	81.9%	10.47	14.24%	
2/9/2011	0	10.00	9.53	95.3%	10.00	10.75	107.5%	0.00	10.00	8.66	8.52	86.6%	85.2%	8.59	1.63%	
2/10/2011	0.31	10.00	8.08	80.8%	10.00	11.79	117.9%	5.13	10.00	20.23	19.33	**151.0%**	**142.0%**	19.78	4.55%	
2/11/2011	0	10.00	11.49	114.9%	10.00	11.47	114.7%	5.76	10.00	16.87	17.74	111.1%	119.8%	17.31	5.03%	
2/14/2011	0.21	10.00	11.32	113.2%	10.00	12.00	120.0%	6.40	10.00	19.56		**131.6%**				
2/15/2011	0	10.00	10.30	103.0%	10.00	12.00	120.0%	5.70	10.00	17.65	16.68	119.5%	109.8%	17.17	5.65%	
2/17/2011	0	10.00	10.56	105.6%	10.00	11.83	118.3%	5.13	10.00	15.73	15.71	106.0%	105.8%	15.72	0.13%	
2/18/2011	0	10.00	11.30	113.0%	10.00	11.47	114.7%	5.66	10.00	15.66	16.44	100.0%	107.8%	16.05	4.86%	
2/22/2011	0	10.00	9.71	97.1%	10.00	8.63	86.3%	3.81	10.00	11.34	12.50	**75.3%**	86.9%	11.92	9.73%	
2/23/2011	0	10.00	8.21	82.1%	10.00	8.30	83.0%	3.50	10.00	11.10	11.25	**76.0%**	77.5%	11.18	1.34%	
2/24/2011	0	10.00	11.65	116.5%	10.00	11.44	114.4%	4.30	10.00	14.91	16.79	106.1%	**124.9%**	15.85	11.86%	
2/25/2011	0	10.00	11.48	114.8%	10.00	11.89	118.9%	4.51	10.00	15.37	14.18	108.6%	96.7%	14.78	8.05%	
2/28/2011	0	10.00	11.88	118.8%	10.00	10.60	106.0%	4.06	10.00	16.75	19.34	**126.9%**	**152.8%**	18.05	14.35%	

CVS Mean: **10.27** 2 Standard Dev.: **2.65** Upper Warning Limit: **12.91** Upper Control Limit: **14.24**

CVS Standard Dev: **1.32** 3 Standard Dev.: **3.97** Lower Warning Limit: **7.62** Lower Control Limit: **6.29**