



Pall Corporation

# Sample Analysis Report

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January, 2011

Analyst Initials: RL  
Date: 02/11/11

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
Residential Wells							
D0							
5005 Jackson Rd-01-07-11-12:15-1	30	1.0					
D2							
305 Pinewood-01-12-11-14:10-2	3	1.0					
3225 Dexter Rd-01-13-11-13:45-1	nd	1.0					
453 Dupont-01-13-11-14:00-1	4	1.0					
545 Allison-01-12-11-14:25-2	16	1.0					
Extraction Wells							
C3							
DOLPH-01-03-11-08:46-1	80	1.0					
TW-1-01-03-11-08:52-1	208	1.0					
TW-10-01-03-11-09:20-1	692	1.0					
TW-14-01-03-11-09:40-1	113	1.0					
TW-20-01-03-11-09:25-1	1467	1.0					
D2							
AE-3-01-03-11-09:30-1	126	1.0					
HZ-S-01-03-11-09:50-1	890	1.0					
LB-1-01-03-11-09:24-1	509	1.0					
LB-3-01-03-11-09:26-1	455	1.0					
TW-21-01-03-11-10:15-1	518	1.0					
TW-5-01-03-11-10:05-1	836	1.0					

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TW-9-01-07-11-14:20-1	726	1.0					
E							
TW-11-01-03-11-11:15-1	210	1.0					
TW-17-01-03-11-09:35-1	84	1.0					
TW-18-01-03-11-08:48-1	316	1.0					
TW-19-01-03-11-09:08-1	799	1.0					
Marshy							
PW-1-01-03-11-08:50-1	1130	1.0					
Not Applicable							
SW-COMB-01-03-11-08:44-1	480	1.0					
SW							
TW-8-01-03-11-09:00-1	448	1.0					
Injection Wells							
Not Applicable							
Maple-Inj-01-03-11-09:05-1	7	1.0					
Maple-Inj-01-03-2011-09:05-			nd	5.0			
Monitoring Wells							
C3							
MW-105s-01-31-11-14:25-1	990	1.0					
MW-125-01-05-11-09:40-1	276	1.0					
MW-127s-01-05-11-11:20-1	nd	1.0					
MW-39s-01-05-11-14:35-1	22	1.0					
D0							
A2 Cleaning Supply-01-06-11-12:00-1	93	1.0					
MW-53i-01-26-11-11:10-1	40	1.0					
D2							
430 Barber West-01-27-11-13:35-2	69	1.0					

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593 Allison-01-28-11-14:15-1	818	1.0					
MW-107-01-18-11-11:45-1	73	1.0					
MW-117-01-10-11-13:05-1	nd	1.0					
MW-118-01-10-11-11:55-1	100	1.0					
MW-120s-01-18-11-09:25-1	nd	1.0					
MW-121s-01-10-11-10:30-1	nd	1.0					
MW-122s-01-18-11-13:50-1	54	1.0					
MW-123s-01-19-11-13:25-1	nd	1.0					
MW-126s-01-05-11-14:00-1	nd	1.0					
MW-17-01-03-11-14:35-1	729	1.0					
MW-38d-01-18-11-14:35-1	94	1.0					
MW-39d-01-05-11-15:10-1	207	1.0					
MW-47d-01-28-11-10:30-1	nd	1.0					
MW-47s-01-28-11-10:10-1	nd	1.0					
MW-54d-01-26-11-13:45-1	79	1.0					
MW-56s-01-05-11-08:55-1	58	1.0					
MW-77-01-27-11-14:20-1	1073	1.0					
MW-92-01-26-11-14:25-1	25	1.0					
MW-94s-01-27-11-10:15-1	1294	1.0					
MW-KD-1d-01-18-11-11:10-1	148	1.0					
MW-KD-1s-01-18-11-10:45-1	37	1.0					
E							
MW-100-01-10-11-14:10-1	703	1.0					
MW-101-01-07-11-13:25-1	399	1.0					
MW-103d-01-25-11-14:00-1	20	1.0					
MW-103s-01-25-11-14:15-1	55	1.0					
MW-105d-01-31-11-14:15-1	699	1.0					

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MW-106d-01-17-11-11:00-1	1	1.0					
MW-106s-01-17-11-11:35-1	283	1.0					
MW-108d-01-20-11-14:20-1	3003	1.0					
MW-108s-01-20-11-13:30-1	2157	1.0					
MW-112d-01-25-11-10:55-1	nd	1.0					
MW-112i-01-25-11-11:35-1	6	1.0					
MW-112s-01-25-11-10:05-1	nd	1.0					
MW-115-01-04-11-10:20-1	661	1.0					
MW-116-01-04-11-09:40-1	1215	1.0					
MW-119-01-06-11-09:30-1	253	1.0					
MW-120d-01-18-11-10:15-1	nd	1.0					
MW-121d-01-10-11-11:10-1	nd	1.0					
MW-122d-01-18-11-13:20-1	nd	1.0					
MW-123d-01-19-11-14:20-1	nd	1.0					
MW-126d-01-05-11-13:30-1	nd	1.0					
MW-127d-01-05-11-10:50-1	nd	1.0					
MW-30d-01-17-11-14:20-1	1626	1.0					
MW-71-01-26-11-10:10-1	1935	1.0					
MW-72d-01-04-11-14:20-1	2933	1.0					
MW-72s-01-04-11-13:30-1	12	1.0					
MW-79d-01-11-11-14:30-1	12	1.0					
MW-79s-01-11-11-13:35-1	215	1.0					
MW-82s-01-04-11-11:40-1	115	1.0					
MW-83s-01-04-11-11:05-1	495	1.0					
MW-84d-01-07-11-11:05-1	nd	1.0					
MW-84s-01-07-11-11:45-1	647	1.0					
MW-85-01-03-11-13:55-1	1833	1.0					

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MW-87d-01-07-11-1			nd	5.0			
MW-87d-01-07-11-14:25-1	525	1.0					
MW-87s-01-07-11-13:55-1	80	1.0					
MW-88-01-06-11-10:20-1	465	1.0					
MW-90-01-25-11-12:05-1	43	1.0					
MW-94d-01-27-11-10:00-1	nd	1.0					
MW-95-01-27-11-12:00-1	73	1.0					
MW-96-01-27-11-11:05-1	79	1.0					
TW-15-01-11-11-11:50-1	187	1.0					
Surface Water							
Not Applicable							
HC/HR-01-03-11-08:10-1			nd	2.0			
HC/HR-01-04-11-08:10-1			nd	2.0			
HC/HR-01-05-11-08:40-1			nd	2.0			
HC/HR-01-06-11-08:05-1			nd	2.0			
HC/HR-01-07-11-08:15-1			nd	2.0			
HC/HR-01-10-11-08:15-2			nd	2.0			
HC/HR-01-11-11-08:10-1			nd	2.0			
HC/HR-01-12-11-08:40-1			nd	2.0			
HC/HR-01-13-11-08:10-2			nd	2.0			
HC/HR-01-14-11-08:15-1			nd	2.0			
HC/HR-01-17-11-08:15-1			nd	2.0			
HC/HR-01-18-11-08:40-1			nd	2.0			
HC/HR-01-19-11-08:10-1			nd	2.0			
HC/HR-01-20-11-08:00-1			nd	2.0			
HC/HR-01-21-11-08:15-1			nd	2.0			
HC/HR-01-24-11-08:20-1			nd	2.0			

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HC/HR-01-25-11-08:15-1			nd	2.0			
HC/HR-01-26-11-08:15-1			nd	2.0			
HC/HR-01-27-11-08:10-1			nd	2.0			
HC/HR-01-28-11-08:40-2			nd	2.0			
HC/HR-01-31-11-08:55-1			nd	2.0			
Treatment System							
OUTFALL-01-02-11-1	5	1.0					
OUTFALL-01-02-2011			n.d	5			
OUTFALL-01-03-11-1	4	1.0					
OUTFALL-01-03-11-			5	5.0			
OUTFALL-01-04-11-1	4	1.0					
OUTFALL-01-04-2011			n.d	5.0			
OUTFALL-01-05-11-1	3	1.0					
OUTFALL-01-05-2011			5	5.0			
OUTFALL-01-06-11-1	4	1.0					
OUTFALL-01-06-2011-03			5	5.0			
OUTFALL-01-06-11-			5	5.0			
OUTFALL-01-09-11-1	4	1.0					
OUTFALL-01-09-2011			nd	5.0			
OUTFALL-01-10-11-1	4	1.0					
OUTFALL-01-10-2011			5.0	5.0			
OUTFALL-01-11-11-1	5	1.0					
OUTFALL-01-11-2011-2			5.0	5.0			
OUTFALL-01-12-11-4	5	1.0					
OUTFALL-01-12-2011			5	5.0			
OUTFALL-01-13-11-1	4	1.0					
OUTFALL-01-13-2011			n.d	5.0			

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OUTFALL-01-16-11-3	5	1.0					
OUTFALL-01-16-2011			nd	5.0			
OUTFALL-01-17-11-1	5	1.0					
OUTFALL-01-17-2011			5.0	5.0			
OUTFALL-01-18-11-1	5	1.0					
OUTFALL-01-18-2011			nd	5.0			
OUTFALL-01-19-11-1	5	1.0					
OUTFALL-01-19-2011			5	5.0			
OUTFALL-01-20-11-1	5	1.0					
OUTFALL-01-20-2011			5.0	5.0			
OUTFALL-01-23-11-1	6	1.0					
OUTFALL-01-23-2011-2-			n.d	5.0			
OUTFALL-01-24-11-1	5	1.0					
OUTFALL-01-24-2011			nd	5.0			
OUTFALL-01-25-11-1	4	1.0					
OUTFALL-01-25-2011			nd	5.0			
OUTFALL-01-26-11-1	6	1.0					
OUTFALL-01-26-2011			nd	5.0			
OUTFALL-01-27-11-1	4	1.0					
OUTFALL-01-27-11-01			nd	5.0			
OUTFALL-01-30-11-1	4	1.0					
OUTFALL-01-30-2011			nd	5.0			
OUTFALL-01-31-11-1	4	1.0					
OUTFALL-01-31-11-01			n.d	5.0			
Red Pond-01-03-11-08:54-1	433	1.0					
Red Pond-01-10-11-08:30-1	410	1.0					
Red Pond-01-17-11-08:30-1	490	1.0					

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Red Pond-01-24-11-09:06-1	549	1.0					
Red Pond-01-31-11-08:10-1	335	1.0					



# 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>
1/6/2011	0.24	10.00	8.36	83.6%	10.00	11.13	111.3%	3.27	10.00	12.16	11.87	88.9%	86.0%	12.02	2.41%	
1/7/2011	0	10.00	11.03	110.3%	10.00	10.26	102.6%	4.38	10.00	15.64	14.31	112.6%	99.3%	14.98	8.88%	
1/10/2011	0	10.00	10.83	108.3%	10.00	11.42	114.2%	3.62	10.00	13.51	14.46	98.9%	108.4%	13.99	6.79%	
1/11/2011	0	10.00	10.08	100.8%	10.00	10.92	109.2%	3.97	10.00	12.78	14.04	88.1%	100.7%	13.41	9.40%	
1/12/2011	0.64	10.00	11.53	115.3%	10.00	9.19	91.9%	4.87	10.00	15.49	14.91	106.2%	100.4%	15.20	3.82%	
1/14/2011	0.36	10.00	11.56	115.6%	10.00	11.73	117.3%	4.17	10.00	14.81	14.48	106.4%	103.1%	14.65	2.25%	
1/17/2011	0	10.00	11.94	119.4%	10.00	11.16	111.6%	4.71	10.00	15.35	15.89	106.4%	111.8%	15.62	3.46%	
1/19/2011	0.98	10.00	11.08	110.8%	10.00	11.78	117.8%	4.91	10.00	15.84	15.50	109.3%	105.9%	15.67	2.17%	
1/25/2011	0	10.00	11.10	111.0%	10.00	11.37	113.7%	5.46	10.00	15.24	16.62	97.8%	111.6%	15.93	8.66%	
1/26/2011	0	10.00	10.02	100.2%	10.00	11.86	118.6%	4.47	10.00	10.36	16.78	<b>58.9%</b>	<b>123.1%</b>	13.57	<b>47.31%</b>	
1/28/2011	0.72	10.00	9.50	95.0%	10.00	11.87	118.7%	4.03	10.00	15.96	16.62	119.3%	<b>125.9%</b>	16.29	4.05%	
1/31/2011	0.88	10.00	11.44	114.4%	10.00	9.02	90.2%	4.33	10.00	11.83	9.46	<b>75.0%</b>	<b>51.3%</b>	10.65	<b>22.26%</b>	

CVS Mean: **10.71**      2 Standard Dev.: **2.06**      Upper Warning Limit: **12.77**      Upper Control Limit: **13.80**  
 CVS Standard Dev: **1.03**      3 Standard Dev.: **3.09**      Lower Warning Limit: **8.64**      Lower Control Limit: **7.61**