



Pall Corporation

# Sample Analysis Report

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January, 2012

Analyst Initials: 380f  
Date: 03-13-12

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
<b>Residential Wells</b>							
<b>D2</b>							
2700 Dexter Rd-01-23-12-13:05-1	284	1.0					
3250 Kingwood-01-23-12-11:20-1	32	1.0					
486 Barber-01-25-12-11:00-1	nd	1.0					
<b>Not Determined</b>							
350 Rose-01-09-12-11:00-1	10	1.0					
<b>Extraction Wells</b>							
<b>C3</b>							
DOLPH-01-09-12-09:59-1	59	1.0					
TW-10-01-09-12-09:07-1	595	1.0					
TW-20-01-09-12-09:13-1	1044	1.0					
<b>D2</b>							
LB-1-01-09-12-07:50-1	580	1.0					
LB-3-01-09-12-07:52-1	450	1.0					
TW-21-01-09-12-08:48-1	139	1.0					
TW-5-01-09-12-08:55-1	787	1.0					
TW-9-01-09-12-09:17-1	893	1.0					
<b>E</b>							
TW-11-01-09-12-08:57-1	198	1.0					

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
TW-18-01-09-12-09:55-1	328	1.0					
TW-19-01-09-12-07:54-1	866	1.0					
<b>Marshy</b>							
PW-1-01-09-12-09:41-1	773	1.0					
<b>SW</b>							
TW-22-01-09-12-09:32-1	646	1.0					
TW-8-01-09-12-09:30-1	435	1.0					
<b>Monitoring Wells</b>							
<b>C2</b>							
MW-25s-01-11-12-12:30-1	940	1.0					
<b>C3</b>							
MW-1-01-18-12-11:55-1	1783	1.0					
MW-11i-01-11-12-10:05-1	7	1.0					
MW-128s-01-04-12-10:30-1	nd	1.0					
MW-18d-01-10-12-14:50-1	157	1.0					
MW-20-01-11-12-13:55-1	nd	1.0					
MW-22-01-11-12-12:15-1	1752	0					
MW-28-01-10-12-09:40-1	nd	1.0					
MW-2d-01-11-12-13:15-1	19	1.0					
MW-32-01-10-12-14:00-1	11	1.0					
MW-34s-01-10-12-13:25-1	nd	1.0					
MW-35-01-11-12-09:40-1	12	1.0					
MW-37-01-10-12-14:30-1	261	1.0					
<b>D0</b>							
A2 Cleaning Supply-01-18-12-14:50-1	62	1.0					
MW-53d-01-19-12-13:35-1	2	1.0					

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
MW-53i-01-19-12-14:15-1	58	1.0					
MW-53s-01-19-12-13:00-1	nd	1.0					
MW-93-01-10-12-09:00-1	6	1.0					
<b>D2</b>							
MW-107-01-24-12-14:00-1	53	1.0					
MW-113-01-26-12-14:40-1	48	1.0					
MW-117-01-24-12-13:30-1	nd	1.0					
MW-118-01-25-12-14:00-1	91	1.0					
MW-11d-01-11-12-10:30-1	118	1.0					
MW-120s-01-25-12-12:00-1	nd	1.0					
MW-121s-01-25-12-10:10-1	nd	1.0					
MW-122s-01-26-12-10:55-1	53	1.0					
MW-123s-01-26-12-11:30-1	nd	1.0					
MW-130i-01-31-12-14:15-1	nd	1.0					
MW-130s-01-31-12-14:30-1	nd	1.0					
MW-133i-01-03-12-11:00-1	2	1.0					
MW-133s-01-03-12-10:15-1	1	1.0					
MW-134i-01-24-12-12:40-1	8	1.0					
MW-134s-01-24-12-13:00-1	9	1.0					
MW-17-01-05-12-12:00-1	520	1.0					
MW-34d-01-10-12-13:10-1	nd	1.0					
MW-38d-01-10-12-12:45-1	55	1.0					
MW-47d-01-12-12-11:45-1	nd	1.0					
MW-47s-01-12-12-11:25-1	nd	1.0					
MW-4d-01-11-12-14:35-1	1224	1.0					
MW-54d-01-25-12-11:30-1	17	1.0					
MW-56s-01-04-12-12:05-1	72	1.0					

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
MW-92-01-12-12-12:25-1	20	1.0					
MW-94s-01-24-12-14:25-1	694	1.0					
<b>E</b>							
MW-100-01-09-12-14:05-1	961	1.0					
MW-101-01-12-12-11:00-1	307	1.0					
MW-104-01-26-12-13:25-1	2	1.0					
MW-110-01-26-12-13:55-1	29	1.0					
MW-112d-01-23-12-11:10-1	nd	1.0					
MW-112i-01-23-12-11:50-1	5	1.0					
MW-112s-01-23-12-10:20-1	nd	1.0					
MW-115-01-05-12-10:35-1	666	1.0					
MW-116-01-05-12-09:50-1	652	1.0					
MW-119-01-06-12-11:25-1	120	1.0					
MW-120d-01-25-12-12:55-1	nd	1.0					
MW-121d-01-25-12-10:45-1	nd	1.0					
MW-122d-01-26-12-10:20-1	nd	1.0					
MW-123d-01-26-12-12:25-1	nd	1.0					
MW-128d-01-04-12-10:10-1	nd	1.0					
MW-130d-01-31-12-13:40-1	nd	1.0					
MW-133d-01-03-12-11:55-1	2	1.0					
MW-134d-01-24-12-11:20-1	4	1.0					
MW-56d-01-04-12-11:40-1	nd	1.0					
MW-64-01-11-12-11:30-1	54	1.0					
MW-66-01-11-12-09:30-1	2	1.0					
MW-72d-01-04-12-14:30-1	2875	1.0					
MW-72s-01-04-12-13:45-1	11	1.0					
MW-79d-01-05-12-13:55-1	1	1.0					static taken several times

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
HC/HR-01-09-12-08:15-1			<2.0	2.0			
HC/HR-01-10-12-08:15-1			<2.0	2.0			
HC/HR-01-11-12-08:05-1			<2.0	2.0			
HC/HR-01-12-12-08:35-1			<2.0	2.0			
HC/HR-01-13-12-08:45-1			<2.0	2.0			
HC/HR-01-17-12-08:50-1			<2.0	2.0			
HC/HR-01-18-12-08:35-1			<2.0	2.0			
HC/HR-01-19-12-08:50-1			<2.0	2.0			
HC/HR-01-20-12-09:15-1			<2.0	2.0			
HC/HR-01-23-12-09:00-1			<2.0	2.0			
HC/HR-01-24-12-08:30-1			<2.0	2.0			
HC/HR-01-25-12-08:10-1			<2.0	2.0			
HC/HR-01-26-12-08:10-1			<2.0	2.0			
HC/HR-01-27-12-08:35-1			<2.0	2.0			
HC/HR-01-30-12-09:10-1			<2.0	2.0			
HC/HR-01-31-12-08:20-1			<2.0	2.0			
<b>Treatment System</b>							
OUTFALL-01-02-12-1	7	1.0					
OUTFALL-01-02-12-4			<5.0	5.0			
OUTFALL-01-03-12-1	8	1.0					
OUTFALL-01-03-12-4			5	5.0			
OUTFALL-01-04-12-1	6	1.0					
OUTFALL-01-04-12-4			<5.0	5.0			
OUTFALL-01-05-12-1	6	1.0					
OUTFALL-01-05-12-5			<5.0	5.0			
OUTFALL-01-08-12-1	4	1.0					
OUTFALL-01-08-12-4			<5.0	5.0			

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
MW-79s-01-05-12-14:30-1	421	1.0					
MW-81-01-13-12-13:10-1	445	1.0					
MW-83s-01-05-12-11:20-1	432	1.0					
MW-84d-01-06-12-10:10-1	nd	1.0					
MW-84s-01-06-12-10:35-1	889	1.0					
MW-85-01-06-12-14:30-1	1863	1.0					
MW-87d-01-06-12-13:20-1	648	1.0					
MW-87s-01-06-12-13:30-1	1242	1.0					
MW-88-01-12-12-10:15-1	445	1.0					
TW-15-01-12-12-14:35-1	213	1.0					
<b>Marshy</b>							
NMW-1s-01-30-12-09:50-1	1559	1.0					
NMW-2s-01-30-12-09:40-1	2644	1.0					
<b>Not Determined</b>							
2662 Valley-01-19-12-10:30-1	nd	1.0					
<b>SH</b>							
MW-5d-01-30-12-11:25-1	14164	1.0					
<b>SW</b>							
MW-10d-01-11-12-11:55-1	586	1.0					
MW-57-01-11-12-12:50-1	nd	1.0					
<b>Surface Water</b>							
<b>Not Applicable</b>							
HC/HR-01-03-12-08:40-1			<2.0	2.0			
HC/HR-01-04-12-08:40-1			<2.0	2.0			
HC/HR-01-05-12-08:10-1			<2.0	2.0			
HC/HR-01-06-12-08:30-1			<2.0	2.0			

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
OUTFALL-01-09-12-1	4	1.0					
OUTFALL-01-09-12-4			<5.0	5.0			
OUTFALL-01-10-12-1	5	1.0					
OUTFALL-01-10-12-2			9	5.0			
OUTFALL-01-11-12-1	5	1.0					
OUTFALL-01-11-12-4			5	5.0			
OUTFALL-01-12-12-01	5	1.0					
OUTFALL-01-12-12-02			<5.0	5.0			
OUTFALL-01-15-12-1	5	1.0					
OUTFALL-01-15-12-4			<5.0	5.0			
OUTFALL-01-16-12-1	5	1.0					
OUTFALL-01-16-12-4			<5.0	5.0			
OUTFALL-01-17-12-1	5	1.0					
OUTFALL-01-17-12-4			8	5.0			
OUTFALL-01-18-12-1	5	1.0					
OUTFALL-01-18-12-4			9	5.0			
OUTFALL-01-19-12-1	5	1.0					
OUTFALL-01-19-12-4			8	5.0			
OUTFALL-01-22-12-1	4	1.0					
OUTFALL-01-22-12-4			9	5.0			
OUTFALL-01-23-12-1	5	1.0					
OUTFALL-01-23-12-4			<5.0	5.0			
OUTFALL-01-24-12-1	6	1.0					
OUTFALL-01-24-12-4			5	5.0			
OUTFALL-01-25-12-1	6	1.0					
OUTFALL-01-25-12-4			<5.0	5.0			
OUTFALL-01-26-12-1	6	1.0					

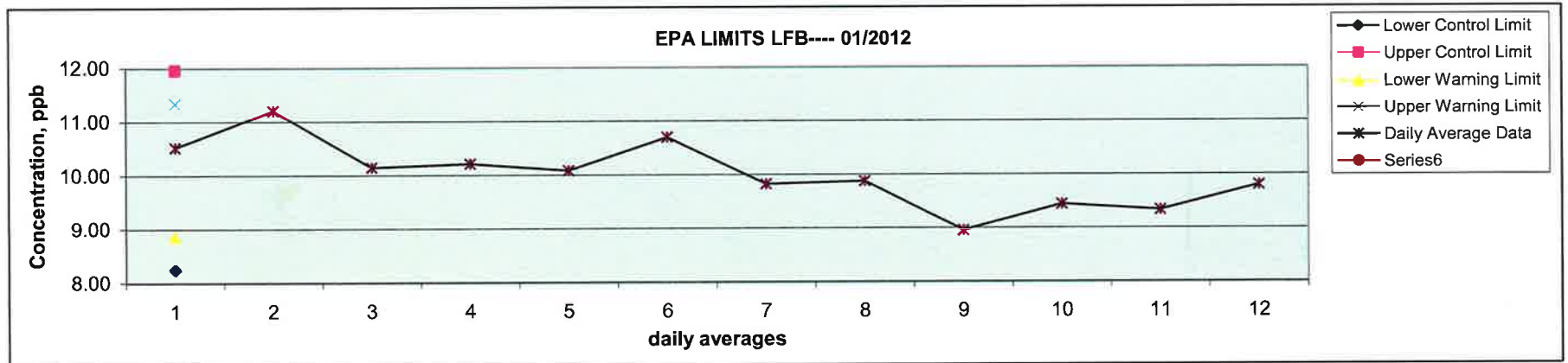
Sample Name - Date/Time Sampled	1,4-Dioxane Results (ppb)	R.L. (ppb)	Bromate Results (ppb)	R.L. (ppb)	Bromide Results (ppb)	R.L. (ppb)	Comments
OUTFALL-01-26-12-4			8	5.0			
OUTFALL-01-29-12-1	6	1.0					
OUTFALL-01-29-12-4			<5.0	5.0			
OUTFALL-01-30-12-1	6	1.0					
OUTFALL-01-30-12-4			<5.0	5.0			
OUTFALL-01-31-12-1	6	1.0					
OUTFALL-01-31-12-4			<5.0	5.0			
Red Pond-01-03-12-09:00-1	457	1.0					
Red Pond-01-09-12-09:58-1	559	1.0					
Red Pond-01-17-12-10:18-1	525	1.0					
Red Pond-01-23-12-08:00-1	477	1.0					
Red Pond-01-30-12-07:40-1	522	1.0					
<b>Not Applicable</b>							
<b>D2</b>							
2643 Dexter Rd-01-19-12-11:33-1	2	1.0					
2690 Dexter Rd-01-18-12-10:50-1	nd	1.0					
2950 Valley-01-09-12-12:30-1	nd	1.0					
435 Barber-01-09-12-11:20-1	11	1.0					
<b>Not Determined</b>							
2655 Dexter-01-18-12-12:53-1	170	1.0					
2920 Valley-01-17-12-14:11-1	nd	1.0					



# Control Chart for 01/2012 LFB

**GC/MS Data:** #2  
**Report Date:** 2/1/2012  
**Chemist:** Susan E.O. Peters  
**Dept:** Environmental  
**Analyte:** 1,4-dioxane  
**Start date:** 1/1/2012  
**End date:** 1/31/2012  
**Desired level:** 100%

Date	LFB Values							Mean (Daily Average)	Sample Mean (All Individual Data)	Daily Standard Deviation	Daily Average Sample Standard Deviation	Lower Control Limit	Upper Control Limit	Lower Warning Limit	Upper Warning Limit
	LFB 1	LFB 2	LFB 3	LFB 4	LFB 5	LFB 6	LFB 7								
1/2/2012	11.28	9.65	10.42	10.75				10.53	10.11	0.68	0.62	8.25	11.96	8.87	11.34
1/6/2012	10.68	10.90	11.59	11.20	10.97	11.88		11.20	10.11	0.45	0.62	8.25	11.96	8.87	11.34
1/9/2012	10.31	9.99						10.15	10.11	0.23	0.62	8.25	11.96	8.87	11.34
1/11/2012	10.34	10.17	10.36	9.99				10.22	10.11	0.17	0.62	8.25	11.96	8.87	11.34
1/12/2012	9.98	10.20	9.51	10.29	10.45			10.09	10.11	0.36	0.62	8.25	11.96	8.87	11.34
1/16/2012	10.95	9.78	10.01	10.73	11.08	11.20	11.15	10.70	10.11	0.57	0.62	8.25	11.96	8.87	11.34
1/20/2012	10.22	9.49	10.06	9.22	10.15			9.83	10.11	0.45	0.62	8.25	11.96	8.87	11.34
1/23/2012	9.90	10.22	10.51	9.17	9.58			9.88	10.11	0.53	0.62	8.25	11.96	8.87	11.34
1/24/2012	8.62	9.30						8.96	10.11	0.48	0.62	8.25	11.96	8.87	11.34
1/25/2012	9.34	9.24	9.52	9.26	9.87			9.45	10.11	0.26	0.62	8.25	11.96	8.87	11.34
1/27/2012	9.19	9.55	9.28	9.52	9.15			9.34	10.11	0.19	0.62	8.25	11.96	8.87	11.34
1/31/2012	9.29	9.91	10.20					9.80	10.11	0.46	0.63	8.23	11.98	8.85	11.36



Susan E.O. Peters 02-01-12

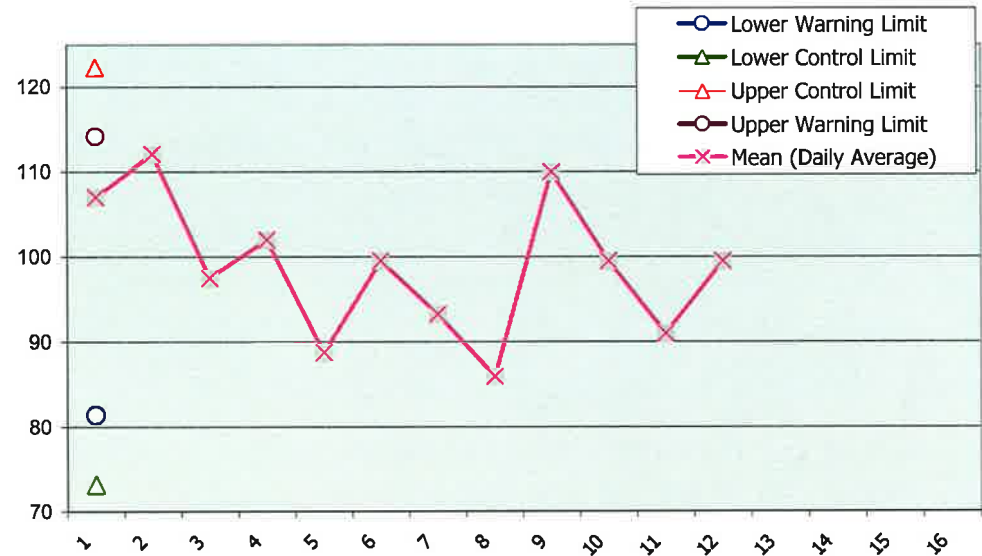
# Control Chart for 01/2012 MS/MSD %Recoveries

**GC/MS Data:** #2  
**Report Date:** 2/1/2012  
**Chemist:** Susan E.O. Peters  
**Dept:** Environmental  
**Analyte:** 1,4-dioxane  
**Start date:** 1/1/2012  
**End date:** 1/31/2012  
**Desired level:** 100%

EPA LIMITS +/-20%

Date	Matrix Spike % Recovery Values						Mean (Daily Average)	Sample Mean (All Individual Data)	Daily Standard Deviation	Daily Average Sample Standard Deviation	Lower Control Limit	Upper Control Limit	Lower Warning Limit	Upper Warning Limit	Mean RPD (Individual Data)
	MS 1	MSD 1	MS 2	MSD 2	MS 3	MSD 3									
1/2/2012	104	113					108.50	97.81	1.41	8.18	73.25	122.36	81.44	114.17	99.00
1/5/2012	106	108					107.00								
1/6/2012	116	108					112.00								
1/9/2012	94	101					97.50								
1/11/2012	102						102.00								
1/12/2012	76	85	97	97			88.75								
1/16/2012	101	98	92	107			99.50								
1/20/2012	100	99	86	88	100	98	93.25								
1/23/2012	87	85					86.00								
1/24/2012	108	112					110.00								
1/25/2012	80	102	106	110			99.50								
1/27/2012	91	91					91.00								
1/31/2012	95	104					99.50								

01/2012 MS/MSD with Control Limits

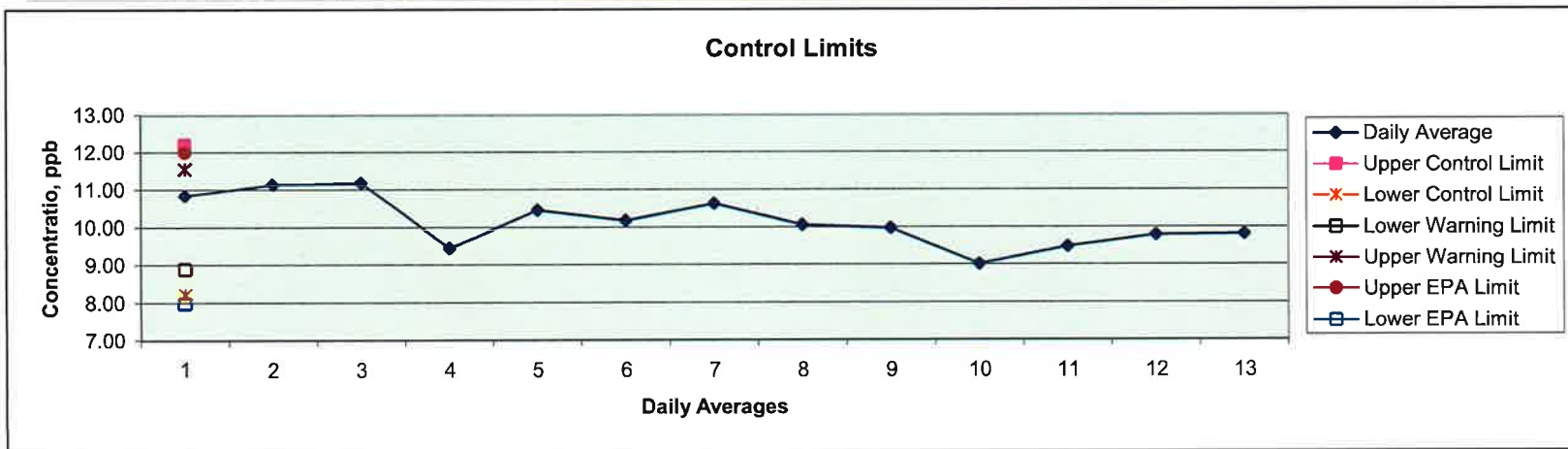


Susan E.O. Peters 02-01-12

# Control Chart for 01/2012 CVS

**GC/MS Data:** #2  
**Report Date:** 2/1/2012  
**Chemist:** Susan E.O. Peters  
**Dept:** Environmental  
**Analyte:** 1,4-dioxane  
**Start date:** 1/1/2012  
**End date:** 1/31/2012  
**Desired level:** 100%

Date	CVS Values				Mean (Daily Average)	Sample Mean (All Individual Data)	Daily Standard Deviation	Daily Average Sample Standard Deviation	Lower Control Limit	Upper Control Limit	Lower Warning Limit	Upper Warning Limit
	CVS 1	CVS 2	CVS 3	CVS 4								
1/2/2012	10.84				10.84	10.22	na	0.66	8.24	12.21	8.90	11.55
1/5/2012	11.14				11.14	10.22	na	0.66	8.24	12.21	8.90	11.55
1/6/2012	11.36	10.99			11.18	10.22	0.26	0.66	8.24	12.21	8.90	11.55
1/9/2012	9.47				9.47	10.22	na	0.66	8.24	12.21	8.90	11.55
1/11/2012	10.18	10.73			10.46	10.22	0.39	0.66	8.24	12.21	8.90	11.55
1/12/2012	10.33	10.04			10.19	10.22	0.21	0.66	8.24	12.21	8.90	11.55
1/16/2012	10.38	10.34	10.86	10.92	10.63	10.22	0.29	0.66	8.24	12.21	8.90	11.55
1/20/2012	10.34	9.80			10.07	10.22	0.38	0.66	8.24	12.21	8.90	11.55
1/23/2012	9.83	10.13			9.98	10.22	0.21	0.66	8.24	12.21	8.90	11.55
1/24/2012	9.02				9.02	10.22	na	0.66	8.24	12.21	8.90	11.55
1/25/2012	9.49	9.49			9.49	10.22	0.00	0.66	8.24	12.21	8.90	11.55
1/27/2012	9.91	9.69			9.80	10.22	0.16	0.66	8.24	12.21	8.90	11.55
1/31/2012	9.83				9.83	10.22	na	0.66	8.24	12.21	8.90	11.55

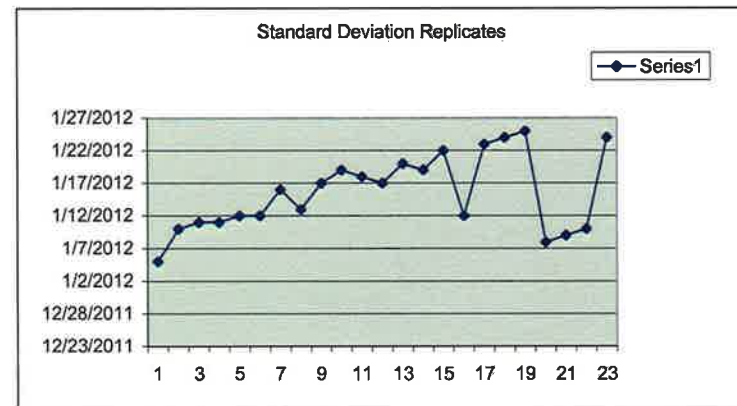
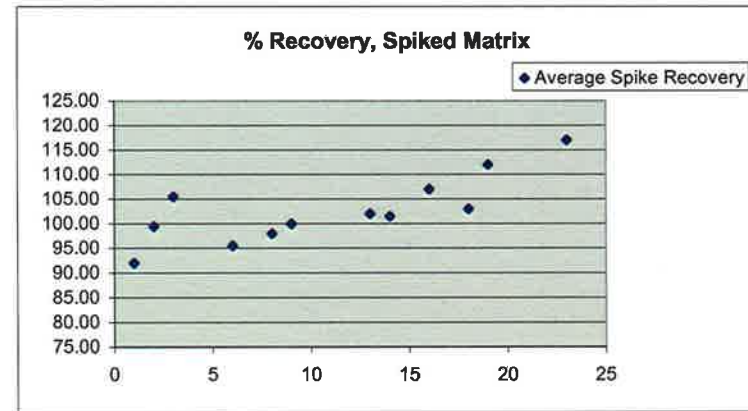


Susan E.O. Peters 02-01-12

### Control Chart for 12/2011 MS/MSD & Repeat %Recoveries

**IC:** Metrohm  
**Report Date:** 2/13/2012  
**Chemist:** Susan E.O. Peters  
**Dept:** Environmental  
**Analyte:** Bromate  
**Start date:** 1/1/2012  
**End date:** 1/31/2012  
**Desired level:** 100%

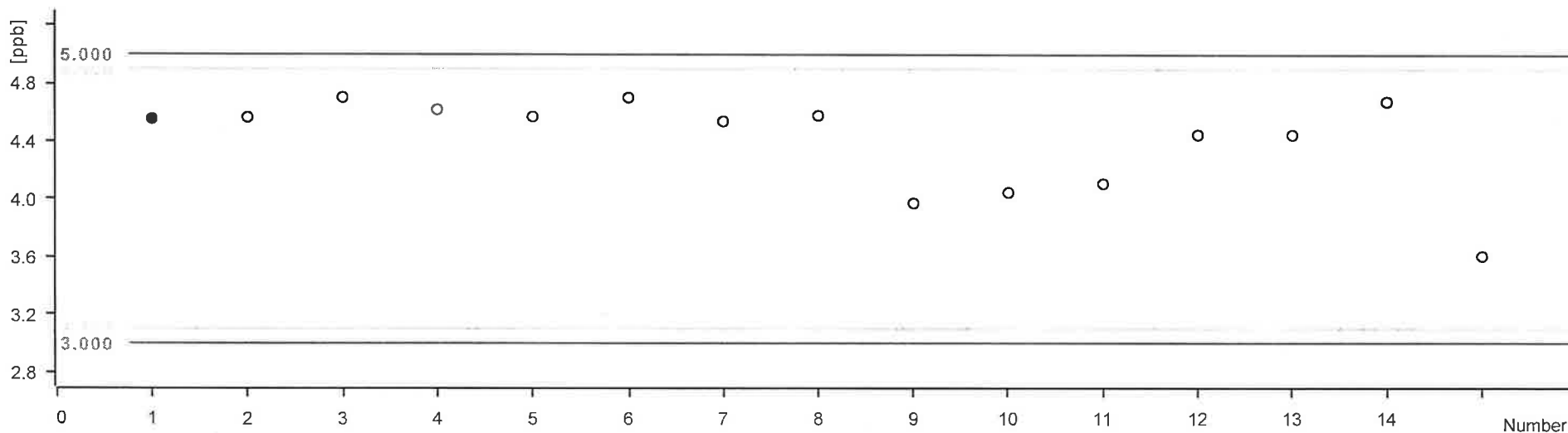
Sample Date	MS Recoveries and Replicate Recoveries							
	Spike 1 % Rec	Spike 2	Ave. Spike Recovery	RPD Spike Recovery	Std. Dev. Spikes	Ave. Sample Replicates	Std. Dev. Sample Replicates	n
1/5/2012	99	85	92.00	15	9.9	na		na
1/10/2012	100	99	99.50	1.0	0.7	na		na
1/11/2012	107	104	105.5	3	2.1	na		na
1/11/2012	na	na		na	na	5.19	0.25	3
1/12/2012	na	na		na	na	4.40	0.28	2
1/12/2012	95	96	95.5	-1	0.7	na		na
1/16/2012	na	na		na	na	3.15	0.33	2
1/13/2012	103	93	98.0	10	7.1	na		na
1/17/2012	100	na	100	na	na	8.36	0.10	2
1/19/2012	na	na		na	na	8.02	0.30	2
1/18/2012	na	na		na	na	9.08	0.269	2
1/17/2012	na	na		na	na	8.64	0.21	2
1/20/2012	103	101	102	2.0	1.4	na		na
1/19/2012	98	105	102	7.1	4.9	na		na
1/22/2012	na	na		na	na	8.82	0.22	2
1/12/2012	107	107	107	0.2	0.0	na		na
1/23/2012	105	na		na	na	4.69	0.16	na
1/24/2012	101	105	103	3.9	2.8	na		na
1/25/2012	113	110	112	2.0	0.1	na		na
1/8/2012	na	na		na	na	3.98	1.08	2
1/9/2012	na	na		na	na	4.46	0.65	2
1/10/2012	na	na		na	na	4.56	1.33	2
1/24/2012	129	105	117	3.7	17	na		na



## Control chart

### Comment

### ECCS, CCCS with Calculated LIMTS



### Statistics

Mean value:	4.408 ppb	Absolute standard deviation:	0.322 ppb
Minimum:	3.607 ppb	Relative standard deviation:	7.315 %
Maximum:	4.700 ppb	Number of determinations:	15

Date	Number	Ident	Sample type	Method	ECCS, CCCS with Calculated LIMTS	Statistics
2012-01-07 22:52:23 UTC-5	1	CCCS-1 4ppb std	Sample	EPA 300 v2	4.554 ppb	on
2012-01-08 07:20:31 UTC-5	2	CCCS	Sample	EPA 300 v2	4.563 ppb	on
2012-01-08 15:49:12 UTC-5	3	CCCS, 4ppb std	Sample	EPA 300 v2	4.700 ppb	on
2012-01-08 23:43:19 UTC-5	4	CCCS, 4ppb std	Sample	EPA 300 v2	4.618 ppb	on
2012-01-09 08:45:11 UTC-5	5	CCCS, 4ppb bromate	Sample	EPA 300 v2	4.569 ppb	on
2012-01-09 17:48:14 UTC-5	6	ECCS, std 4 4ppb bromate	Sample	EPA 300 v2	4.699 ppb	on
2012-01-09 18:22:14 UTC-5	7	ECCS, std 4 4ppb bromate	Sample	EPA 300 v2	4.538 ppb	on

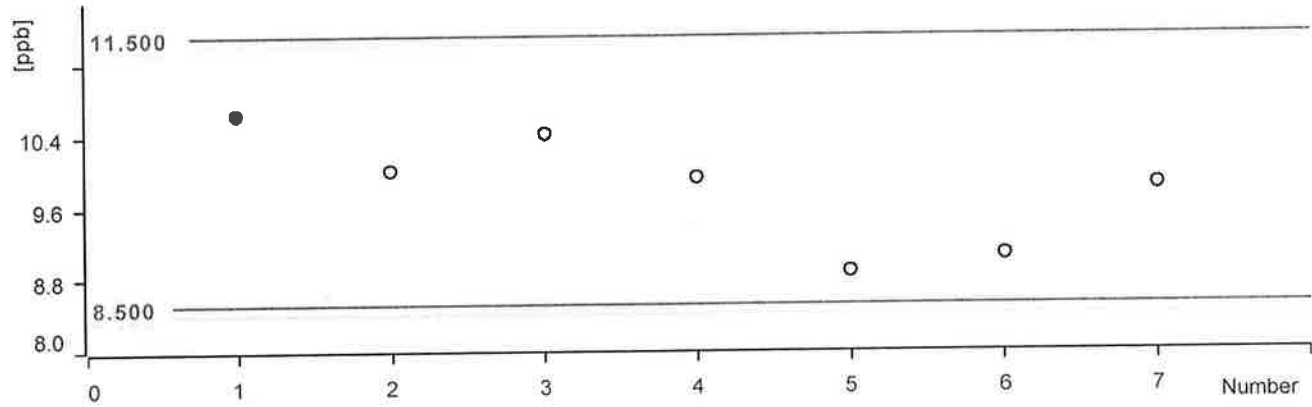
## Control chart

Date	Number	Ident	Sample type	Method	ECCS, CCCS with Calculated LIMITS	Statistics
2012-01-12 12:10:24 UTC-5	8	ECCS, 4 ppb Bromate std	Sample	EPA 300 v2	4.577 ppb	on
2012-01-18 02:45:38 UTC-5	9	ECCS/CCCS	Sample	EPA 300 v2	3.973 ppb	on
2012-01-20 21:54:50 UTC-5	10	ECCS/CCCS, std 4, 4ppb bromate	Sample	EPA 300.1v2	4.047 ppb	on
2012-01-23 23:33:08 UTC-5	11	ECCS/CCCS 4ppb bromate	Sample	EPA 300.1v2	4.110 ppb	on
2012-01-24 17:17:31 UTC-5	12	ECCS/CCCS	Sample	EPA 300.1v2	4.447 ppb	on
2012-01-25 16:27:46 UTC-5	13	ECCS/CCCS	Sample	EPA 300.1v2	4.447 ppb	on
2012-01-26 16:39:49 UTC-5	14	ECCS/CCCS 4ppb bromate	Sample	EPA 300.1v2	4.676 ppb	on
2012-01-28 04:30:59 UTC-5	15	ECCS/CCCS	Sample	300.1v3	3.607 ppb	on

## Control chart

### Comment

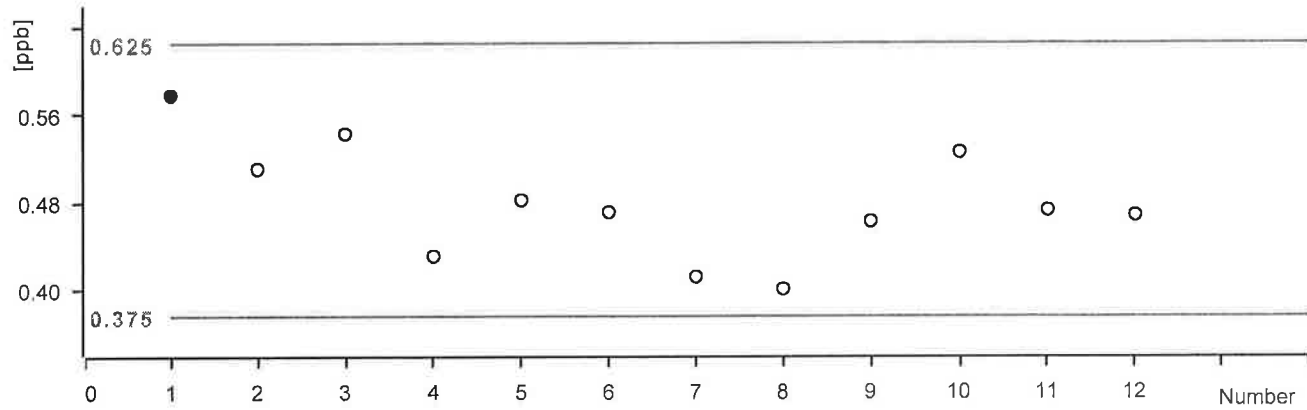
### Bromate QCS concentration, ppb



### Statistics

Mean value:	9.816 ppb	Absolute standard deviation:	0.652 ppb
Minimum:	8.869 ppb	Relative standard deviation:	6.641 %
Maximum:	10.626 ppb	Number of determinations:	7

Date	Number	Ident	Sample type	Method	Bromate QCS concentration, ppb	Statistics
2012-01-18 03:19:34 UTC-5	1	QCS	Sample	EPA 300 v2	10.626 ppb	on
2012-01-18 19:30:30 UTC-5	2	QCS	Sample	EPA 300 v2	10.005 ppb	on
2012-01-19 20:01:58 UTC-5	3	QCS	Sample	EPA 300.1v2	10.420 ppb	on
2012-01-20 22:28:34 UTC-5	4	QCS	Sample	EPA 300.1v2	9.910 ppb	on
2012-01-24 17:51:15 UTC-5	5	QCS	Sample	EPA 300.1v2	8.889 ppb	on
2012-01-25 17:01:29 UTC-5	6	QCS	Sample	EPA 300.1v2	9.051 ppb	on
2012-01-31 07:14:07 UTC-5	7	QCS	Sample	300.1V4 01302012	9.826 ppb	on

**Control chart****Comment****ICCS/LFB concentration, ppb****Statistics**

Mean value:	0.479 ppb	Absolute standard deviation:	0.053 ppb
Minimum:	0.400 ppb	Relative standard deviation:	10.995 %
Maximum:	0.577 ppb	Number of determinations:	12

Date	Number	Ident
2012-01-07 15:32:10 UTC-5	1	ICCS/LFB 0.5ppb standard
2012-01-09 01:24:52 UTC-5	2	ICCS, 0.5ppb standard
2012-01-12 08:46:53 UTC-5	3	ICCS/LFB, 0.5ppb Bromate std
2012-01-13 08:31:38 UTC-5	4	ICCS/LFB 0.5ppb bromate
2012-01-17 13:11:04 UTC-5	5	ICCS/LFB
2012-01-18 14:58:32 UTC-5	6	ICCS/LFB
2012-01-20 14:36:22 UTC-5	7	ICCS/LFB, 0.5ppb bromate, std 1
2012-01-23 12:18:11 UTC-5	8	ICCS/LFB 0.5 ppb bromate
2012-01-24 12:14:04 UTC-5	9	ICCS/LFB
2012-01-25 08:22:22 UTC-5	10	ICCS/LFB
2012-01-26 12:10:04 UTC-5	11	ICCS/LFB 0.5ppb bromate
2012-01-27 19:54:46 UTC-5	12	ICCS/LFB



## Control chart

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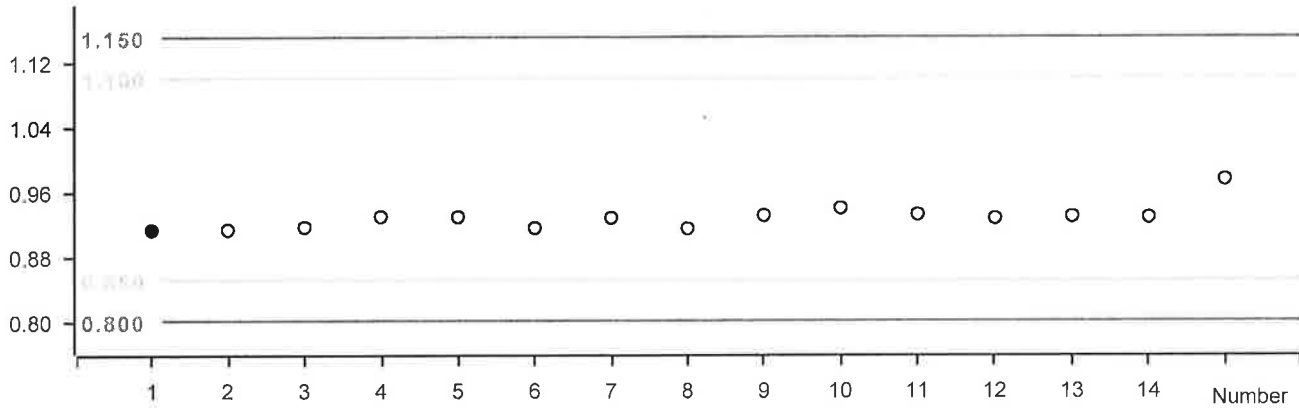
Date	Number	Ident
13 2012-01-31 12:32:39 UTC-5	13	ICCS/LFB

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## Control chart

### Comment

### Dichloroacetate Gaussian factor



### Statistics

Mean value:	0.927	Absolute standard deviation:	0.015
Minimum:	0.912	Relative standard deviation:	1.648 %
Maximum:	0.974	Number of determinations:	15

Date	Number	Ident
2012-01-07 22:52:23 UTC-5	1	CCCS-1 4ppb std
2012-01-08 07:20:31 UTC-5	2	CCCS
2012-01-08 15:49:12 UTC-5	3	CCCS, 4ppb std
2012-01-08 23:43:19 UTC-5	4	CCCS, 4ppb std
2012-01-09 08:45:11 UTC-5	5	CCCS, 4ppb bromate
2012-01-09 17:48:14 UTC-5	6	ECCS, std 4 4ppb bromate
2012-01-09 18:22:14 UTC-5	7	ECCS, std 4 4ppb bromate
2012-01-12 12:10:24 UTC-5	8	ECCS, 4 ppb Bromate std
2012-01-18 02:45:38 UTC-5	9	ECCS/CCCS
2012-01-20 21:54:50 UTC-5	10	ECCS/CCCS, std 4, 4ppb bromate
2012-01-23 23:33:08 UTC-5	11	ECCS/CCCS 4ppb bromate
2012-01-24 17:17:31 UTC-5	12	ECCS/CCCS

## Control chart

	<b>Date</b>	<b>Number</b>	<b>Ident</b>
13	2012-01-25 16:27:46 UTC-5	13	ECCS/CCCS
14	2012-01-26 16:39:49 UTC-5	14	ECCS/CCCS 4ppb bromate
15	2012-01-28 04:30:59 UTC-5	15	ECCS/CCCS

## Control chart

	<b>Sample type</b>	<b>Method</b>	<b>ECCS. CCCS with Calculated LIMTS</b>	<b>Statistics</b>
1	Sample	EPA 300 v2	4.554 ppb	on
2	Sample	EPA 300 v2	4.563 ppb	on
3	Sample	EPA 300 v2	4.700 ppb	on
4	Sample	EPA 300 v2	4.618 ppb	on
5	Sample	EPA 300 v2	4.569 ppb	on
6	Sample	EPA 300 v2	4.699 ppb	on
7	Sample	EPA 300 v2	4.538 ppb	on
8	Sample	EPA 300 v2	4.577 ppb	on
9	Sample	EPA 300 v2	3.973 ppb	on
10	Sample	EPA 300.1v2	4.047 ppb	on
11	Sample	EPA 300.1v2	4.110 ppb	on
12	Sample	EPA 300.1v2	4.447 ppb	on
13	Sample	EPA 300.1v2	4.447 ppb	on
14	Sample	EPA 300.1v2	4.676 ppb	on
15	Sample	300.1v3	3.607 ppb	on