



Pall Corporation

Sample Analysis Report

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April, 2014

Analyst Initials: SEOP
Date: 05-09-14

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	Qualifier(s)
Extraction Wells								
C3								
DOLPH-04-02-14-09:43-1	120	1.0						
TW-20-04-02-14-09:53-1	890	25.0						D
D2								
LB-4-04-02-14-09:07-1	510	10.0						D
LB-4-04-30-14-07:38-1	500	25.0						D
TW-21-04-02-14-09:29-1	120	5.0						D
TW-5-04-02-14-09:35-1	740	50.0						D
TW-9-04-02-14-09:48-1	730	10.0						D
E								
TW-11-04-02-14-09:36-1	200	5.0						D
TW-18-04-02-14-09:44-1	280	5.0						D
TW-19-04-02-14-09:08-1	700	10.0						D
TW-19-04-30-14-07:37-1	660	10.0						D
Marshy								
PW-1-04-02-14-09:42-1	690	50.0						D
SW								
TW-22-04-02-14-11:23-1	550	25.0						D
TW-8-04-02-14-11:24-1	690	10.0						D

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	Qualifier(s)
Monitoring Wells								
C3								
MW-1 Replacement-04-30-14-11:53-1	2200	1.0						D
MW-18d-04-28-14-14:22-1	150	5.0						D
MW-20-04-09-14-13:27-1	nd	1.0						
MW-2d-04-11-14-11:39-1	34	1.0						
MW-2s-04-11-14-11:59-1	2	1.0						
MW-32-04-30-14-10:34-1	10	1.0						
MW-34s-04-10-14-14:27-1	nd	1.0						
MW-35-04-30-14-10:11-1	5	1.0						
MW-37-04-28-14-14:47-1	260	5.0						D
MW-39s-04-08-14-13:26-1	5	1.0						
D0								
A2 Cleaning Supply-04-08-14-10:01-1	61	1.0						
MW-53d-04-08-14-11:12-1	nd	1.0						
MW-53i-04-08-14-11:57-1	32	1.0						
MW-53s-04-08-14-10:42-1	nd	1.0						
MW-93-04-09-14-13:55-1	5	1.0						
D2								
MW-11d-04-30-14-11:01-1	93	1.0						
MW-120s-04-14-14-13:35-1	nd	1.0						
MW-121s-04-10-14-09:52-1	nd	1.0						
MW-122s-04-14-14-10:40-1	82	1.0						
MW-123s-04-14-14-12:16-1	nd	1.0						
MW-126s-04-09-14-10:38-1	nd	1.0						
MW-129i-04-16-14-11:53-1	nd	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	Qualifier(s)
MW-129s-04-16-14-11:14-1	nd	1.0						
MW-130i-04-23-14-11:27-1	nd	1.0						
MW-130s-04-23-14-11:41-1	nd	1.0						
MW-131s-04-09-14-10:09-1	nd	1.0						
MW-133i-04-02-14-13:47-1	1	1.0						
MW-133s-04-02-14-13:11-1	2	1.0						
MW-134i-04-11-14-10:47-1	8	1.0						
MW-134s-04-11-14-11:10-1	9	1.0						
MW-17-04-03-14-11:19-1	400	5.0						D
MW-34d-04-10-14-14:04-1	nd	1.0						
MW-38d-04-10-14-13:27-1	40	1.0						
MW-39d-04-08-14-13:51-1	99	1.0						
MW-54d-04-10-14-10:54-1	31	1.0						
MW-54s-04-10-14-10:15-1	nd	1.0						
E								
MW-101-04-07-14-14:29-1	170	5.0						D
MW-103d-04-16-14-14:25-1	12	1.0					DEQ Split	
MW-103s-04-16-14-13:35-1	67	1.0					DEQ Split	
MW-104-04-29-14-11:21-1	4	1.0						
MW-110-04-29-14-11:54-1	40	1.0						
MW-112d-04-22-14-10:34-1	nd	1.0						
MW-112i-04-22-14-11:18-1	7	1.0						
MW-112s-04-22-14-09:49-1	nd	1.0						
MW-115-04-07-14-12:03-1	520	10.0						D
MW-116-04-07-14-11:25-1	480	10.0						D
MW-119-04-10-14-11:41-1	57	1.0						
MW-120d-04-14-14-14:33-1	nd	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	Qualifier(s)
MW-121d-04-10-14-09:34-1	nd	1.0						
MW-122d-04-14-14-10:04-1	nd	1.0						
MW-123d-04-14-14-11:55-1	nd	1.0						
MW-126d-04-09-14-11:29-1	nd	1.0						
MW-129d-04-16-14-10:59-1	nd	1.0						
MW-130d-04-23-14-10:43-1	nd	1.0						
MW-131d-04-09-14-09:46-1	nd	1.0						
MW-133d-04-02-14-14:37-1	3	1.0						
MW-134d-04-11-14-10:11-1	5	1.0						
MW-30d-04-04-14-10:48-1	460	10.0						D
MW-64-04-21-14-09:54-1	49	1.0						
MW-65d-04-21-14-11:10-1	26	1.0						
MW-65i-04-21-14-11:59-1	nd	1.0						
MW-65s-04-21-14-12:32-1	14	1.0						
MW-66-04-11-14-14:01-1	2	1.0						
MW-68-04-22-14-09:12-1	nd	1.0						
MW-72d-04-03-14-10:39-1	1600	25.0						D
MW-72s-04-03-14-09:47-1	4	1.0						
MW-76i-04-21-14-13:41-1	85	1.0						
MW-76s-04-21-14-14:02-1	270	5.0						D
MW-79d-04-29-14-13:25-1	38	1.0						
MW-79s-04-29-14-14:03-1	380	10.0						
MW-81-04-29-14-10:46-1	370	10.0						D
MW-83s-04-07-14-10:13-1	290	5.0						D
MW-84s-04-07-14-10:43-1	14	1.0						
MW-85-04-04-14-14:36-1	1000	25.0						D
MW-87d-04-04-14-13:38-1	590	10.0						D

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	Qualifier(s)
MW-87s-04-04-14-13:49-1	840	25.0						D
MW-88-04-07-14-13:43-1	130	10.0						D
Marshy								
NMW-1s-04-22-14-13:21-1	1400	25.0						D
NMW-2s-04-22-14-13:34-1	2100	25.0						D
SW								
MW-10d-04-30-14-11:29-1	1600	25.0						D
MW-45d-04-28-14-13:40-1	190	10.0						D
MW-45s-04-28-14-13:58-1	12	1.0						
MW-46-04-28-14-11:32-1	130	5.0						D
MW-48-04-28-14-13:17-1	87	1.0						
MW-49-04-28-14-11:11-1	nd	1.0						
MW-50-04-28-14-12:14-1	520	25.0						D
MW-52s-04-28-14-11:54-1	790	10.0						D
MW-58d-04-28-14-09:36-1	17	1.0						
MW-58s-04-28-14-09:57-1	150	1.0						
TW-4-04-28-14-10:51-1	60	1.0						
Surface Water								
Not Applicable								
HC/HR-04-01-14-07:50-1				nd	2.0			
HC/HR-04-02-14-08:34-1				nd	2.0			
HC/HR-04-03-14-08:00-1				nd	2.0			
HC/HR-04-04-14-08:27-1				nd	2.0			
HC/HR-04-14-14-08:35-1				nd	2.0			
HC/HR-04-07-14-07:15-1				nd	2.0			
HC/HR-04-08-14-07:55-1				nd	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	Qualifier(s)
HC/HR-04-09-14-07:40-1			nd	2.0				
HC/HR-04-10-14-07:40-1			nd	2.0				
HC/HR-04-11-14-08:20-1			nd	2.0				
HC/HR-04-15-14-08:25-1			nd	2.0				
HC/HR-04-16-14-08:35-1			nd	2.0				
HC/HR-04-17-14-07:15-1			nd	2.0				
HC/HR-04-18-14-08:05-1			nd	2.0				
HC/HR-04-21-14-08:20-1			nd	2.0				
HC/HR-04-22-14-07:55-1			nd	2.0				
HC/HR-04-23-14-08:04-1			nd	2.0				
HC/HR-04-24-14-07:10-1			nd	2.0				
HC/HR-04-25-14-08:05-1			nd	2.0				
HC/HR-04-28-14-08:25-1			nd	2.0				
HC/HR-04-29-14-08:02-1			nd	2.0				
HC/HR-04-30-14-07:57-1			nd	2.0				
Treatment System								
OUTFALL-04-01-14-1	6	1.0						
OUTFALL-04-01-14-2			5	5.0				
OUTFALL-04-02-14-1	5	1.0						
OUTFALL-04-02-14-2			5	5.0				
OUTFALL-04-03-14-1	5	1.0						
OUTFALL-04-03-14-2			6	5.0				
OUTFALL-04-06-14-2			6	5.0				
OUTFALL-04-06-14-1	5	1.0						
OUTFALL-04-07-14-2			5	5.0				
OUTFALL-04-07-14-1	5	1.0						
OUTFALL-04-08-14-1	5	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	Qualifier(s)
OUTFALL-04-08-14-2			6	5.0				
OUTFALL-04-09-14-1	5	1.0						
OUTFALL-04-09-14-2			5	5.0				
OUTFALL-04-10-14-1	5	1.0						
OUTFALL-04-10-14-2			5	5.0				
OUTFALL-04-13-14-2			6	5.0				
OUTFALL-04-13-14-1	6	1.0						
OUTFALL-04-14-14-2			nd	5.0				
OUTFALL-04-14-14-1	5	1.0						
OUTFALL-04-15-14-2			5	5.0				
OUTFALL-04-15-14-1	4	1.0						
OUTFALL-04-16-14-1	5	1.0						
OUTFALL-04-16-14-2			nd	5.0				
OUTFALL-04-17-14-2			nd	5.0				
OUTFALL-04-17-14-1	5	1.0						
OUTFALL-04-20-14-2			nd	5.0				
OUTFALL-04-20-14-1	5	1.0						
OUTFALL-04-21-14-2			5	5.0				
OUTFALL-04-21-14-1	5	1.0						
OUTFALL-04-22-14-2			6	5.0				
OUTFALL-04-22-14-1	5	1.0						
OUTFALL-04-23-14-2			nd	5.0				
OUTFALL-04-23-14-1	5	1.0						
OUTFALL-04-24-14-2			nd	5.0				
OUTFALL-04-24-14-1	4	1.0						
OUTFALL-04-27-14-1	5	1.0						
OUTFALL-04-27-14-2			6	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	Qualifier(s)
OUTFALL-04-28-14-1	5	1.0						
OUTFALL-04-28-14-2			nd	5.0				
OUTFALL-04-29-14-1	5	1.0						
OUTFALL-04-29-14-2			5	5.0				
OUTFALL-04-30-14-1	5	1.0						
OUTFALL-04-30-14-2			nd	5.0				
Red Pond-04-07-14-07:20-1	470	10.0						D
Red Pond-04-14-14-08:35-1	410	10.0						D
Red Pond-04-21-14-07:45-1	440	10.0						D
Red Pond-04-28-14-07:40-1	430	10.0						D

Qualifier Code:

D

Qualifier Description

Analyte value quantified from a dilution, reporting limit is raised to reflect dilution

Control Chart for 04/2014 MS/MSD & Repeat %Recoveries

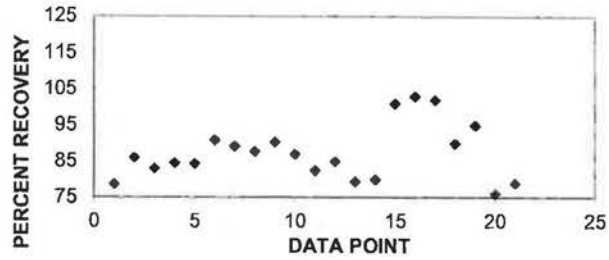
Analyst: SEOP

IC: Metrohm
 Report Date: 5/5/2014
 Chemist: Susan E.O. Peters
 Dept: Environmental
 Analyte: Bromate
 Start date: 4/1/2014
 End date: 4/30/2014
 Desired level: 100%

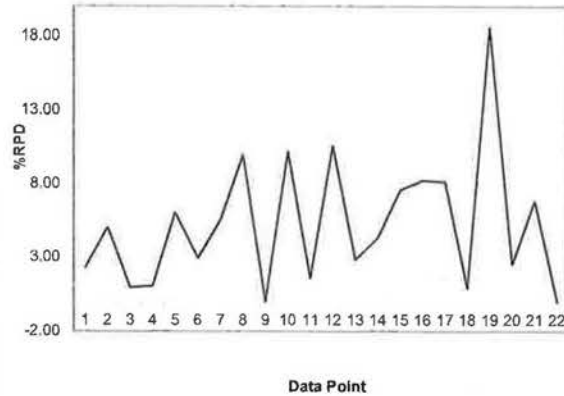
MS Recoveries and Replicate Recoveries

Analysis Date	Spike 1 ----- % Rec	Spike 2 ----- % Rec	Ave. Spike Recovery (75-125%)	%RPD Spike Recovery (0-20%)	Std. Dev. Spikes	Ave. Sample Replicates	Std. Dev. Sample Replicates	n =
4/1/2014	80	78	79	2.26	1.20	1.13	0.15	2
4/2/2014	88	84	86	5.05	3.39	2.62	0.06	2
4/3/2014	83	83	83	0.95	0.64	1.09	0.04	2
4/4/2014	84	85	85	1.07	0.71	1.27	0.08	2
4/4/2014	81	87	84	6.07	4.24	na	na	na
4/9/2014	92	89	91	2.93	2.12	1.10	0.36	2
4/10/2014	91	86	89	5.53	3.89	1.09	0.09	2
04/11/204	93	83	88	10.00	6.93	1.05	0.06	2
4/14/2014	90	na	90	na	na	1.12	0.12	2
4/15/2014	82	92	87	10.20	7.07	0.69	0.14	2
4/16/2014	83	82	82	1.57	1.03	0.99	0.07	2
4/17/2014	80	90	85	10.60	7.07	0.97	0.17	2
4/18/2014	78	81	79	2.82	1.72	0.65	0.19	2
2/21/2014	81	78	80	4.32	2.73	2.46	0.16	2
4/22/2014	97	105	101	7.59	5.87	1.07	0.02	2
4/23/2014	98	108	103	8.24	6.90	1.28	0.03	2
4/24/2014	107	97	102	8.14	6.43	2.43	0.07	2
4/25/2014	90	89	90	0.88	0.57	0.60	0.20	2
4/28/2014	105	85	95	18.6	14.10	1.24	0.15	2
4/29/2014	75	77	76	2.50	1.41	0.90	0.04	2
4/30/2014	82	76	79	6.84	4.24	0.98	0.03	2

SPIKE RECOVERIES



%RPD, less than or equal to 20%



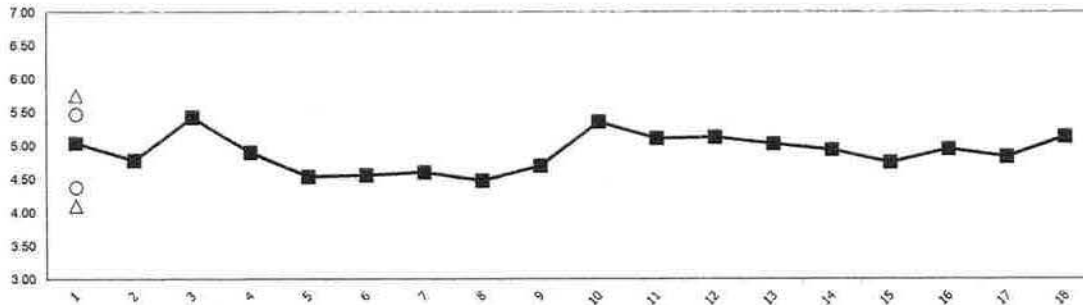
Control Chart for 04/2014 CVS

Analyst: SEF

GC/MS Data: #2
 Report Date: 5/5/2014
 Chemist: Susan E.O. Peters
 Dept: Environmental
 Analyte: 1,4-dioxane
 Start date: 4/1/2014
 End date: 4/31/2014
 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								
4/1/2014	5.04				5.04	4.93	na	0.27	4.11	5.75	4.38	5.47
4/2/2014	4.78				4.78	4.93	na					
4/3/2014	4.91	5.94			5.43	4.93	0.73					
4/4/2014	4.90				4.90	4.93	na					
4/7/2014	4.54				4.54	4.93	na					
4/8/2014	4.56				4.56	4.93	na					
4/9/2014	4.60				4.60	4.93	na					
4/10/2014	4.48				4.48	4.93	na					
4/17/2014	4.53	4.87			4.70	4.93	0.24					
4/18/2014	5.36				5.36	4.93	na					
4/21/2014	5.11				5.11	4.93	na					
4/22/2014	5.13				5.13	4.93	na					
4/23/2014	5.03				5.03	4.93	na					
4/24/2014	4.94				4.94	4.93	na					
4/25/2014	4.75				4.75	4.93	na					
4/28/2014	4.95				4.95	4.93	na					
4/29/2014	4.94	4.73			4.84	4.93	0.15					
4/30/2014	5.31	4.97			5.14	4.93	0.24					

04/2014 CVS with Control Limits



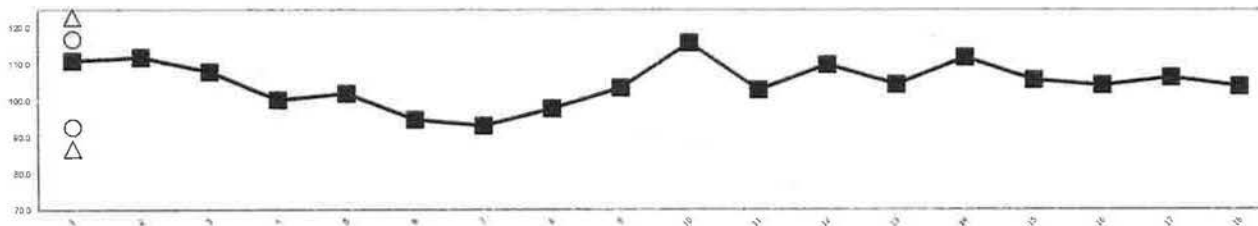
Control Chart for 04/2014 MS/MSD %Recoveries

Analyst: SEUP

GC/MS Data: Instruments #1 & #2
Report Date: 5/5/2014
Chemist: Susan E.O. Peters
Dept: Environmental
Analyte: 1,4-dioxane
Start date: 4/1/2014
End date: 4/31/2014
Desired level: 100%

Date	Matrix Spike % Recovery Values				Replicate Ave.	Std. Dev.	# data pts	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												
4/1/2014	106	116			6.24	0.22	2	111.00	104.9	7.2	6.0	86.7	123.0	92.8	117.0	104.9
4/2/2014	106	118			na	na	na	112.00								
4/3/2014	105	111			5.51	0.47	2	108.00								
4/4/2014	101	100			4.94	0.36	2	100.30								
4/7/2014	100	104			5.15	0.01	2	102.10								
4/8/2014	97	92			5.15	0.02	2	94.85								
4/9/2014	97	89			5.08	0.17	2	93.20								
4/10/2014	93	103			5.01	0.11	2	98.00								
4/17/2014	98	107	101	109	5.44	0.42	2	103.63								
4/18/2014	115	117			5.28	0.52	2	116.00								
4/21/2014	106	100			5.08	0.70	2	103.00								
4/22/2014	104	116			5.44	0.27	2	110.00								
4/23/2014	107	102			5.14	0.42	2	104.50								
4/24/2014	115	110			5.16	0.03	2	112.00								
4/25/2014	112	99			4.90	0.57	2	105.73								
4/28/2014	110	99			4.91	0.43	2	104.30								
4/29/2014	111	102			4.93	0.45	2	106.50								
4/30/2014	107	101			4.97	0.25	2	104.00								

04/2014 MS/MSD with Control Limits



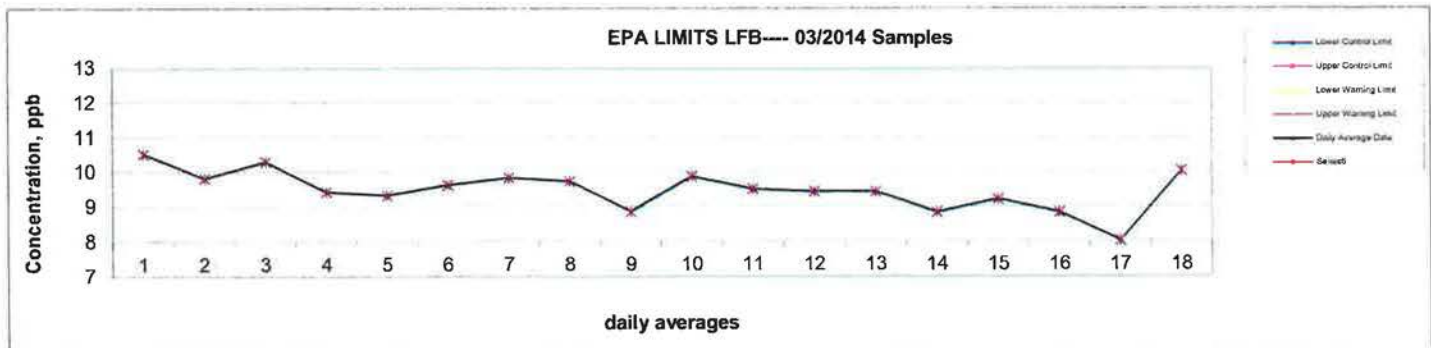
Control Chart for 04/2014 LFB

Analyst: DEOP

GC/MS Data: #1
 Report Date: 5/5/2014
 Chemist: Susan E.O. Peters
 Dept: Environmental
 Analyte: 1,4-dioxane
 Start date: 4/1/2014
 End date: 4/31/2014
 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								
4/1/2014	11.87	9.91	9.80				10.53	9.46	1.16	0.60	7.68	11.25	8.27	10.65
4/2/2014	10.56	9.93	8.96				9.82	9.46	0.81					
4/3/2014	10.63	10.19	10.30	10.44	9.92	10.32	10.30	9.46	0.24					
4/4/2014	9.25	9.60					9.43	9.46	0.25					
4/8/2014	9.06	9.60					9.33	9.46	0.38					
4/7/2014	9.39	9.77	9.76				9.64	9.46	0.22					
4/9/2014	9.87	9.40	10.25				9.84	9.46	0.43					
4/10/2014	10.06	9.18	9.97				9.74	9.46	0.48					
4/17/2014	8.69	9.19	8.88	9.00	8.55		8.86	9.46	0.25					
4/18/2014	9.91	9.31	10.42				9.88	9.46	0.56					
4/21/2014	9.59	10.12	8.82				9.51	9.46	0.65					
4/22/2014	9.89	9.30	9.11				9.43	9.46	0.41					
4/23/2014	9.56	9.87	8.86				9.43	9.46	0.52					
4/24/2014	9.57	8.26	8.68				8.84	9.46	0.67					
4/25/2014	9.63	9.01	8.99				9.21	9.46	0.36					
4/28/2014	9.57	8.81	8.13				8.84	9.41	0.72					
4/29/2014	8.91	10.14	8.65	8.9	1.1	10.38	8.02	9.46	3.45					
4/30/2014	9.94	10.44	10.85	10.2	9.3	9.49	10.03	9.46	0.60					

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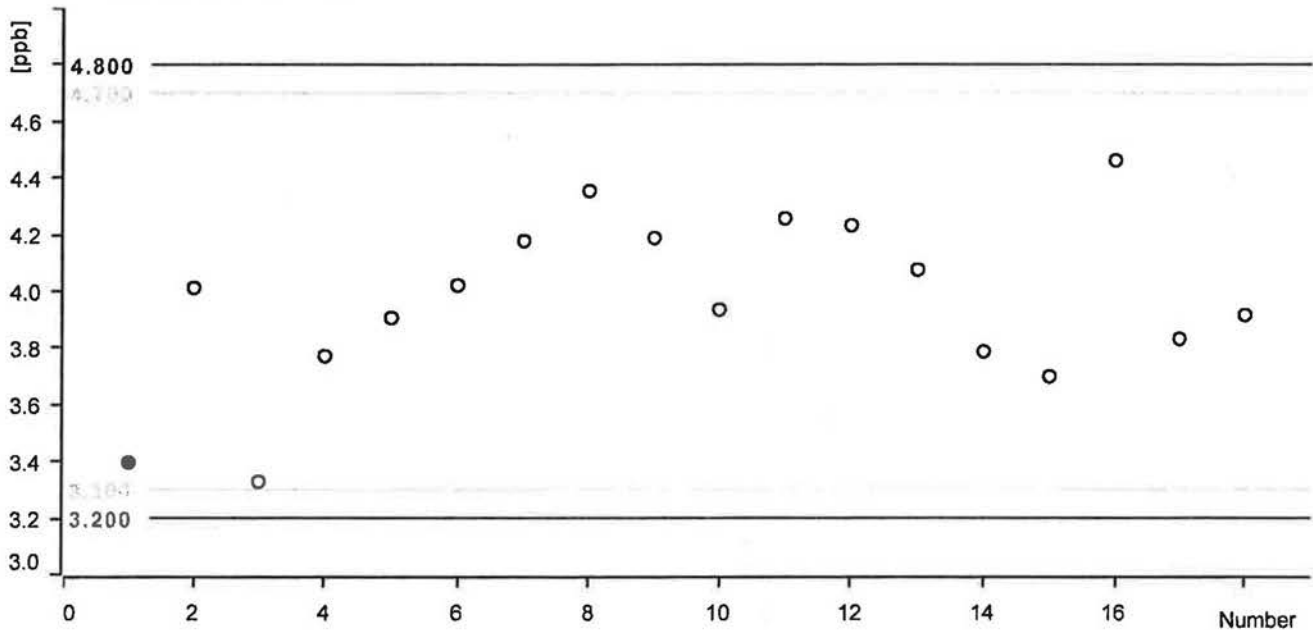


Control chart

SEOP

Comment

Bromate 4 PPB concentration



Statistics

Mean value:	3.963 ppb	Absolute standard deviation:	0.303 ppb
Minimum:	3.328 ppb	Relative standard deviation:	7.643 %
Maximum:	4.461 ppb	Number of determinations:	18

Date	Number	Ident	Sample type	Method	Bromate 4 PPB concentration	Statistics
2014-04-01 19:08:57 UTC-4	1	ECCS/CCCS	Sample	03272014 300.1	3.396 ppb	on
2014-04-02 17:11:03 UTC-4	2	ECCS/CCCS	Sample	03272014 300.1	4.011 ppb	on
2014-04-03 20:13:34 UTC-4	3	ECCS/CCCS	Sample	03272014 300.1	3.328 ppb	on
2014-04-08 08:12:00 UTC-4	4	ECCS/CCCS	Sample	04072014 300.1	3.771 ppb	on
2014-04-08 22:18:39 UTC-4	5	ECCS/CCCS	Sample	04072014 300.1	3.908 ppb	on
2014-04-09 17:49:16 UTC-4	6	ECCS/CCCS	Sample	04072014 300.1	4.020 ppb	on
2014-04-10 17:19:44 UTC-4	7	ECCS/CCCS	Sample	04072014 300.1	4.177 ppb	on
2014-04-11 17:44:35 UTC-4	8	ECCS/CCCS	Sample	04072014 300.1	4.354 ppb	on
2014-04-14 18:41:21 UTC-4	9	ECCS/CCCS	Sample	04072014 300.1	4.187 ppb	on
2014-04-18 16:33:26 UTC-4	10	ECCS/CCCS	Sample	04162014 300.1	3.934 ppb	on
2014-04-22 01:50:14 UTC-4	11	ECCS/CCCS	Sample	04162014 300.1	4.255 ppb	on
2014-04-22 07:55:52 UTC-4	12	ECCS/CCCS	Sample	04162014 300.1	4.231 ppb	on
2014-04-22 19:33:08 UTC-4	13	ECCS/CCCS	Sample	04162014 300.1	4.075 ppb	on
2014-04-23 18:30:24 UTC-4	14	ECCS/CCCS	Sample	04162014 300.1	3.787 ppb	on
2014-04-24 17:45:07 UTC-4	15	ECCS/CCCS	Sample	04162014 300.1	3.888 ppb	on
2014-04-25 16:43:45 UTC-4	16	ECCS/CCCS	Sample	04162014 300.1	4.461 ppb	on
2014-04-28 17:19:40 UTC-4	17	ECCS/CCCS	Sample	04162014 300.1	3.831 ppb	on
2014-04-29 17:49:57 UTC-4	18	ECCS/CCCS	Sample	04162014 300.1	3.916 ppb	on

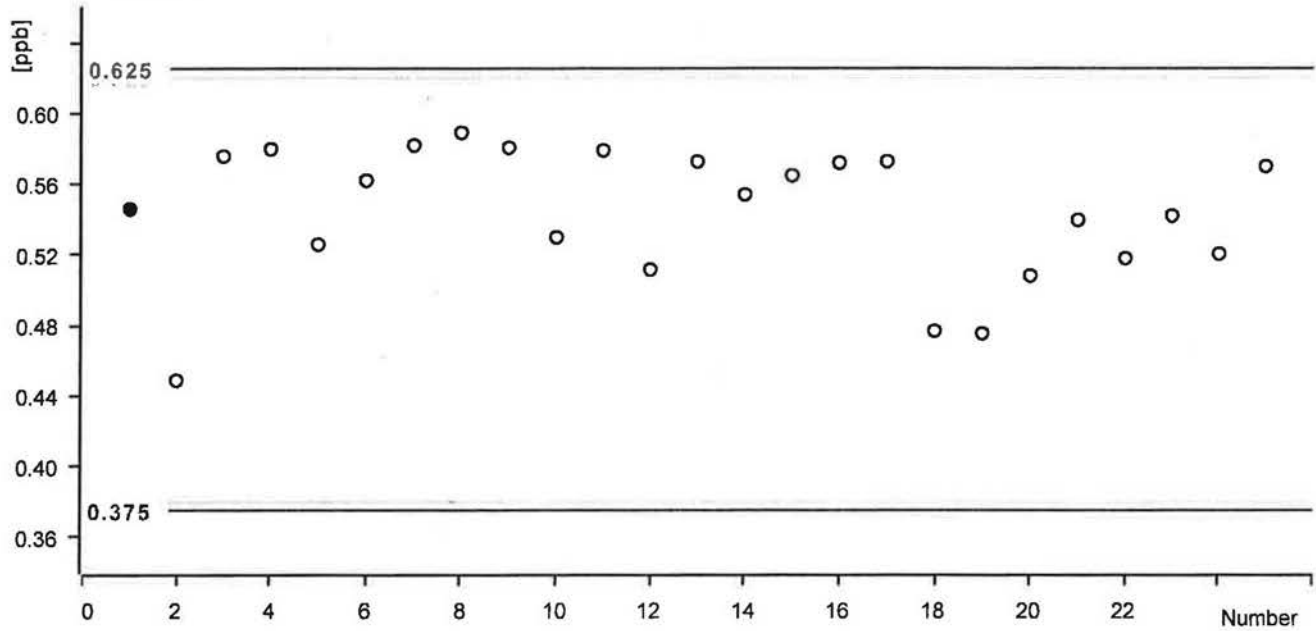
Control chart

SEUP

Comment

ICCS/LFB

0.5PPB STD



Statistics

Mean value:	0.544 ppb	Absolute standard deviation:	0.038 ppb
Minimum:	0.449 ppb	Relative standard deviation:	6.992 %
Maximum:	0.589 ppb	Number of determinations:	25

Date	Number	Ident	Sample type	Method	0.5PPB STD	Statistics
2014-04-02 08:43:18 UTC-4	1	ICCS/LFB	Sample	03272014 300.1	0.546 ppb	on
2014-04-04 08:57:51 UTC-4	2	ICCS/LFB	Sample	03272014 300.1	0.449 ppb	on
2014-04-07 10:13:22 UTC-4	3	ICCS/LFB	Sample	03272014 300.1	0.576 ppb	on
2014-04-07 17:19:30 UTC-4	4	ICCS/LFB	Sample	04072014 300.1	0.580 ppb	on
2014-04-09 09:46:21 UTC-4	5	ICCS/LFB	Sample	04072014 300.1	0.528 ppb	on
2014-04-09 10:25:04 UTC-4	6	ICCS/LFB	Sample	04072014 300.1	0.562 ppb	on
2014-04-10 08:56:09 UTC-4	7	ICCS/LFB	Sample	04072014 300.1	0.582 ppb	on
2014-04-11 09:20:56 UTC-4	8	ICCS/LFB	Sample	04072014 300.1	0.589 ppb	on
2014-04-14 10:58:32 UTC-4	9	ICCS/LFB	Sample	04072014 300.1	0.581 ppb	on
2014-04-17 08:42:09 UTC-4	10	ICCS/LFB	Sample	04162014 300.1	0.530 ppb	on
2014-04-18 09:08:24 UTC-4	11	ICCS/LFB	Sample	04162014 300.1	0.579 ppb	on
2014-04-21 17:26:37 UTC-4	12	ICCS/LFB	Sample	04162014 300.1	0.512 ppb	on
2014-04-21 18:05:25 UTC-4	13	ICCS/LFB	Sample	04162014 300.1	0.573 ppb	on
2014-04-22 11:09:39 UTC-4	14	ICCS/LFB	Sample	04162014 300.1	0.554 ppb	on
2014-04-22 11:48:26 UTC-4	15	ICCS/LFB	Sample	04162014 300.1	0.565 ppb	on
2014-04-23 10:06:51 UTC-4	16	ICCS/LFB	Sample	04162014 300.1	0.572 ppb	on
2014-04-23 10:45:35 UTC-4	17	ICCS/LFB	Sample	04162014 300.1	0.573 ppb	on
2014-04-24 08:42:54 UTC-4	18	ICCS/LFB	Sample	04162014 300.1	0.477 ppb	on
2014-04-25 08:58:52 UTC-4	19	ICCS/LFB	Sample	04162014 300.1	0.475 ppb	on
2014-04-25 09:37:40 UTC-4	20	ICCS/LFB	Sample	04162014 300.1	0.508 ppb	on
2014-04-28 09:34:56 UTC-4	21	ICCS/LFB	Sample	04162014 300.1	0.540 ppb	on
2014-04-29 08:47:38 UTC-4	22	ICCS/LFB	Sample	04162014 300.1	0.518 ppb	on

ICCS/LFB

Control chart

SEUP

	Date	Number	Ident	Sample type	Method	0.5PPB STD	Statistics
23	2014-04-29 09:26:22 UTC-4	23	ICCS/LFB	Sample	04162014 300.1	0.542 ppb	on
24	2014-04-30 10:26:28 UTC-4	24	ICCS/LFB	Sample	04162014 300.1	0.520 ppb	on
25	2014-04-30 11:05:12 UTC-4	25	ICCS/LFB	Sample	04162014 300.1	0.570 ppb	on

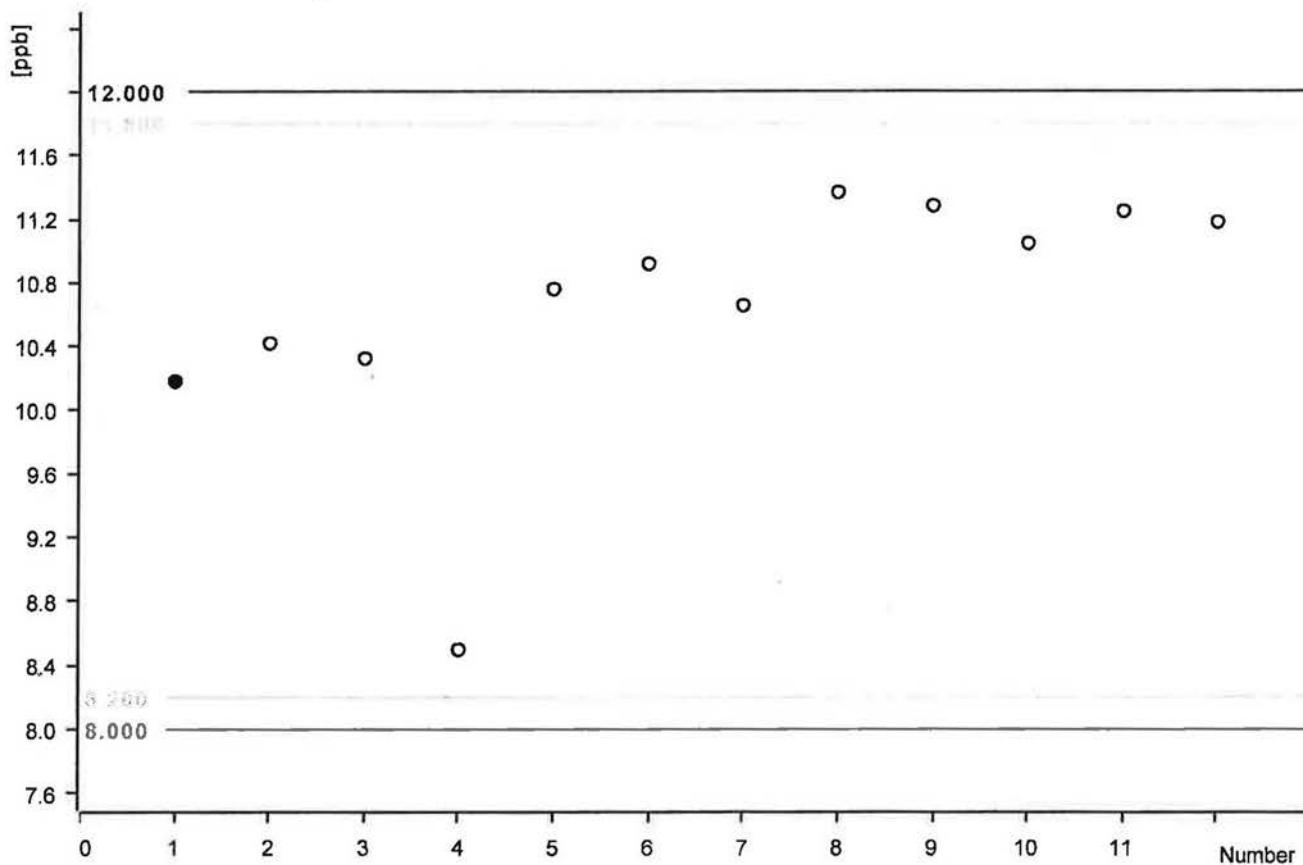
QCS

Control chart

SEOP

Comment

10PPB BROMATE qcs



Statistics

Mean value:	10.655 ppb	Absolute standard deviation:	0.786 ppb
Minimum:	8.498 ppb	Relative standard deviation:	7.379 %
Maximum:	11.364 ppb	Number of determinations:	12

Date	Number	Ident	Sample type	Method	10PPB BROMATE qcs	Statistics
2014-04-01 21:05:37 UTC-4	1	QCS	Sample	03272014 300.1	10.178 ppb	on
2014-04-02 19:07:50 UTC-4	2	QCS	Sample	03272014 300.1	10.417 ppb	on
2014-04-03 22:10:30 UTC-4	3	QCS	Sample	03272014 300.1	10.322 ppb	on
2014-04-04 19:58:18 UTC-4	4	QCS	Sample	03272014 300.1	8.498 ppb	on
2014-04-07 15:23:21 UTC-4	5	QCS	Sample	04072014 300.1	10.760 ppb	on
2014-04-09 00:14:48 UTC-4	6	QCS	Sample	04072014 300.1	10.917 ppb	on
2014-04-09 19:45:30 UTC-4	7	QCS	Sample	04072014 300.1	10.655 ppb	on
2014-04-10 19:16:01 UTC-4	8	QCS	Sample	04072014 300.1	11.364 ppb	on
2014-04-11 19:02:07 UTC-4	9	QCS	Sample	04072014 300.1	11.281 ppb	on
2014-04-14 20:37:33 UTC-4	10	QCS	Sample	04072014 300.1	11.045 ppb	on
2014-04-15 20:45:17 UTC-4	11	QCS	Sample	04072014 300.1	11.246 ppb	on
2014-04-16 14:42:30 UTC-4	12	QCS	Sample	04162014 300.1	11.179 ppb	on