

**Sample Analysis Report**

**November, 2005**

Analyst Initials

*MS*

Date

*12/06/05*

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
<b>EXTRACTION WELLS</b>							
AE-3-11-07-05-08:25	79	1.0		5.0		10.0	
AE-3-11-21-05-08:19	74	1.0		5.0		10.0	
HZ-N-11-07-05-08:14	326	1.0		5.0		10.0	
HZ-N-11-21-05-07:50	316	1.0		5.0		10.0	
HZ-N-11-28-05-06:48	283	1.0		5.0		10.0	
HZ-S-11-07-05-11:11	1315	1.0		5.0		10.0	
LB-1-11-07-05-08:21	507	1.0		5.0		10.0	
LB-1-11-21-05-08:15	472	1.0		5.0		10.0	
LB-2-11-07-05-08:23	913	1.0		5.0		10.0	
LB-2-11-21-05-08:17	891	1.0		5.0		10.0	
PW-1-11-07-05-07:47	1766	1.0		5.0		10.0	
DOLPH-11-07-05-09:03	108	1.0		5.0		10.0	
TW-5-11-07-05-08:53	783	1.0		5.0		10.0	
TW-6-11-07-05-07:43	934	1.0		5.0		10.0	
TW-8-11-07-05-10:47	704	1.0		5.0		10.0	
TW-9-11-07-05-11:07	1626	1.0		5.0		10.0	
TW-10-11-07-05-11:01	3336	1.0		5.0		10.0	
TW-11-11-07-05-08:55	446	1.0		5.0		10.0	
TW-12-11-07-05-09:05	65	1.0		5.0		10.0	
TW-13-11-07-05-10:55	431	1.0		5.0		10.0	
TW-14-11-07-05-11:15	244	1.0		5.0		10.0	
TW-17-11-07-05-11:18	208	1.0		5.0		10.0	

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
<b>TEMPORARY EXTRACTION WELLS</b>							
MW-11d-11-03-05-13:05	512	1.0		5.0		10.0	
MW-50-11-07-05-10:45	195	1.0		5.0		10.0	
MW-64-11-18-05-12:00	158	1.0		5.0		10.0	
SW-COMB-11-07-05-07:43	682	1.0		5.0		10.0	
<b>RED POND</b>							
Red Pond-11-07-05-07:41	1161	1.0		5.0	109	10.0	
Red Pond-11-14-05-07:27	1192	1.0		5.0	112	10.0	
Red Pond-11-21-05-07:40	1103	1.0		5.0	110	10.0	
Red Pond-11-28-05-07:15	1066	1.0		5.0	115	10.0	
<b>OUTFALL001</b>							
OUTFALL-11-01-05-	4	1.0	9	5.0		10.0	11/01/05 Daily Composite
OUTFALL-11-01-05-07:16	4	1.0	11	5.0		10.0	
OUTFALL-11-01-05-12:58	4	1.0	9	5.0		10.0	
OUTFALL-11-01-05-17:51	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-02-05-	5	1.0	8	5.0		10.0	11/02/05 Daily Composite
OUTFALL-11-02-05-07:04	4	1.0	9	5.0		10.0	
OUTFALL-11-02-05-12:57	6	1.0	8	5.0		10.0	
OUTFALL-11-02-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-03-05-	6	1.0	8	5.0		10.0	11/03/05 Daily Composite
OUTFALL-11-03-05-07:05	5	1.0	9	5.0		10.0	
OUTFALL-11-03-05-12:58	6	1.0	8	5.0		10.0	
OUTFALL-11-03-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-04-05-	6	1.0	7	5.0		10.0	11/04/05 Daily Composite
OUTFALL-11-04-05-07:00	5	1.0	9	5.0		10.0	
OUTFALL-11-04-05-12:50	7	1.0	7	5.0		10.0	
OUTFALL-11-04-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-07-05-	5	1.0	8	5.0		10.0	11/07/05 Daily Composite
OUTFALL-11-07-05-07:22	5	1.0	8	5.0		10.0	

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
<b>OUTFALL001</b>							
OUTFALL-11-07-05-13:05	5	1.0	8	5.0		10.0	
OUTFALL-11-07-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-08-05-	6	1.0	8	5.0		10.0	11/08/05 Daily Composite
OUTFALL-11-08-05-07:25	5	1.0	9	5.0		10.0	
OUTFALL-11-08-05-12:48	5	1.0	8	5.0		10.0	
OUTFALL-11-08-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-09-05-	6	1.0	8	5.0		10.0	11/09/05 Daily Composite
OUTFALL-11-09-05-07:10	5	1.0	8	5.0		10.0	
OUTFALL-11-09-05-13:13	6	1.0	8	5.0		10.0	
OUTFALL-11-09-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-10-05-	5	1.0	8	5.0		10.0	11/10/05 Daily Composite
OUTFALL-11-10-05-07:07	4	1.0	10	5.0		10.0	
OUTFALL-11-10-05-12:53	5	1.0	8	5.0		10.0	
OUTFALL-11-10-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Comments
OUTFALL-11-11-05-	5	1.0	9	5.0		10.0	11/11/05 Daily Composite
OUTFALL-11-11-05-07:04	4	1.0	9	5.0		10.0	
OUTFALL-11-11-05-12:26	5	1.0	9	5.0		10.0	
OUTFALL-11-11-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-14-05-	6	1.0	8	5.0		10.0	11/14/05 Daily Composite
OUTFALL-11-14-05-07:09	4	1.0	8	5.0		10.0	
OUTFALL-11-14-05-12:40	5	1.0	7	5.0		10.0	
OUTFALL-11-14-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-15-05-	6	1.0	7	5.0		10.0	11/15/05 Daily Composite
OUTFALL-11-15-05-07:11	7	1.0	7	5.0		10.0	
OUTFALL-11-15-05-12:55	5	1.0	8	5.0		10.0	
OUTFALL-11-15-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-16-05-	6	1.0	7	5.0		10.0	11/16/05 Daily Composite
OUTFALL-11-16-05-07:12	6	1.0	6	5.0		10.0	

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
<b>OUTFALL001</b>							
OUTFALL-11-16-05-13:00	6	1.0	8	5.0		10.0	
OUTFALL-11-16-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-17-05-	5	1.0	8	5.0		10.0	11/17/05 Daily Composite
OUTFALL-11-17-05-07:07	6	1.0	7	5.0		10.0	
OUTFALL-11-17-05-13:22	5	1.0	8	5.0		10.0	
OUTFALL-11-17-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-18-05-	6	1.0	8	5.0		10.0	11/18/05 Daily Composite
OUTFALL-11-18-05-07:16	5	1.0	9	5.0		10.0	
OUTFALL-11-18-05-12:50	7	1.0	8	5.0		10.0	
OUTFALL-11-18-05-17:05	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-21-05-	5	1.0	8	5.0		10.0	11/21/05 Daily Composite
OUTFALL-11-21-05-07:07	6	1.0	7	5.0		10.0	
OUTFALL-11-21-05-12:50	5	1.0	7	5.0		10.0	
OUTFALL-11-21-05-17:00	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-22-05-	5	1.0	8	5.0		10.0	11/22/05 Daily Composite
OUTFALL-11-22-05-07:11	5	1.0	9	5.0		10.0	
OUTFALL-11-22-05-21:01	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-23-05-	5	1.0	7	5.0		10.0	11/23/05 Daily Composite
OUTFALL-11-23-05-07:01	5	1.0	8	5.0		10.0	
OUTFALL-11-23-05-12:50	5	1.0	9	5.0		10.0	
OUTFALL-11-23-05-16:21	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-25-05-	5	1.0	8	5.0		10.0	11/25/05 Daily Composite
OUTFALL-11-25-05-07:30	5	1.0	8	5.0		10.0	
OUTFALL-11-25-05-14:20	5	1.0	8	5.0		10.0	
OUTFALL-11-28-05-	5	1.0	8	5.0		10.0	11/28/05 Daily Composite
OUTFALL-11-28-05-06:56	5	1.0	8	5.0		10.0	
OUTFALL-11-28-05-13:15	4	1.0	9	5.0		10.0	
OUTFALL-11-28-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite

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
<b>OUTFALL001</b>							
OUTFALL-11-29-05-	5	1.0	8	5.0		10.0	11/29/05 Daily Composite
OUTFALL-11-29-05-06:58	5	1.0	8	5.0		10.0	
OUTFALL-11-29-05-12:25	4	1.0	7	5.0		10.0	
OUTFALL-11-29-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
OUTFALL-11-30-05-	5	1.0	8	5.0		10.0	11/30/05 Daily Composite
OUTFALL-11-30-05-07:13	5	1.0	8	5.0		10.0	
OUTFALL-11-30-05-13:10	6	1.0	8	5.0		10.0	
OUTFALL-11-30-05-17:31	See Comments	1.0	See Comments	5.0		10.0	See Daily Composite
<b>C3</b>							
MW-1-11-02-05-11:29	2	1.0		5.0		10.0	
MW-2d-11-01-05-15:31	75	1.0		5.0		10.0	
MW-11i-11-02-05-15:58	63	1.0		5.0		10.0	
MW-15d-11-10-05-12:25	1	1.0		5.0		10.0	
MW-18d-11-14-05-16:19	489	1.0		5.0		10.0	
MW-20-11-16-05-14:05	nd	1.0		5.0		10.0	
MW-22-11-01-05-16:37	2419	1.0		5.0		10.0	
MW-23-11-17-05-09:35	168	1.0		5.0		10.0	
MW-24-11-17-05-14:20	765	1.0		5.0		10.0	
MW-28-11-07-05-11:30	See Comments	1.0		5.0		10.0	Analytical Failure. Resample.
MW-28-11-18-05-11:00	nd	1.0		5.0		10.0	
MW-75-11-02-05-11:51	1001	1.0		5.0		10.0	
333 Jackson Plaza-11-01-05-14:32	23	1.0		5.0		10.0	
Saginaw Forest Cabin #4-11-07-05-14:25	nd	1.0		5.0		10.0	
<b>DO</b>							
MW-41s-11-15-05-13:50	18	1.0		5.0		10.0	
MW-41d-11-15-05-13:45	39	1.0		5.0		10.0	
MW-53i-11-15-05-11:35	47	1.0		5.0		10.0	
A2 Cleaning Supply-11-15-05-11:55	115	1.0		5.0		10.0	

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
<b>D0</b>							
MW-59s-11-10-05-11:08	nd	1.0		5.0		10.0	
MW-93-11-18-05-13:20	28	1.0		5.0		10.0	
110 Parkland Plaza-11-09-05-10:14	5	1.0		5.0		10.0	
<b>D2</b>							
AE-2-11-17-05-17:16	22	1.0		5.0		10.0	
MW-4d-11-10-05-11:57	1120	1.0		5.0		10.0	
MW-17-11-21-05-14:18	386	1.0		5.0		10.0	
MW-30i-11-21-05-11:27	nd	1.0		5.0		10.0	
MW-44-11-07-05-12:25	See Comments	1.0		5.0		10.0	Analytical Failure. Resample.
MW-44-11-11-05-16:45	nd	1.0		5.0		10.0	
MW-47s-11-16-05-11:15	nd	1.0		5.0		10.0	
MW-47d-11-16-05-15:06	nd	1.0		5.0		10.0	
MW-56s-11-04-05-15:15	263	1.0		5.0		10.0	
MW-62i-11-04-05-10:47	nd	1.0		5.0		10.0	
MW-63i-11-04-05-14:15	nd	1.0		5.0		10.0	
MW-KD-1s-11-02-05-14:27	26	1.0		5.0		10.0	
MW-KD-1d-11-02-05-14:08	98	1.0		5.0		10.0	
MW-KZ-1-11-14-05-15:43	nd	1.0		5.0		10.0	
544 Allison-11-03-05-15:17	2	1.0		5.0		10.0	
545 Allison-11-07-05-15:55	2	1.0		5.0		10.0	
2652 Dexter Rd-11-03-05-14:31	3	1.0		5.0		10.0	
2819 Dexter Rd-11-10-05-15:50	483	1.0		5.0		10.0	
3249 Dexter Rd-11-14-05-13:57	nd	1.0		5.0		10.0	
465 Dupont-11-09-05-11:15	398	1.0		5.0		10.0	
3365 Jackson Rd-11-30-05-10:22	561	1.0		5.0		10.0	
175 Jackson Plaza-11-01-05-15:07	141	1.0		5.0		10.0	
3245 Kingwood-11-21-05-15:00	8	1.0		5.0		10.0	
373 Pinewood Shallow-11-03-05-12:35	1314	1.0		5.0		10.0	

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
<b>E</b>							
IW-2-11-02-05-10:51	2	1.0		5.0		10.0	
MW-30d-11-30-05-14:10	844	1.0		5.0		10.0	
MW-56d-11-04-05-11:51	nd	1.0		5.0		10.0	
MW-59d-11-10-05-10:46	nd	1.0		5.0		10.0	
MW-62d-11-04-05-10:16	nd	1.0		5.0		10.0	
MW-63d-11-04-05-13:47	nd	1.0		5.0		10.0	
MW-67-11-08-05-14:58	nd	1.0		5.0		10.0	
MW-69-11-21-05-13:48	nd	1.0		5.0		10.0	
MW-83s-11-03-05-11:51	245	1.0		5.0		10.0	
MW-85-11-14-05-14:52	1695	1.0		5.0		10.0	
MW-86-11-14-05-11:54	nd	1.0		5.0		10.0	
MW-87s-11-02-05-14:55	574	1.0		5.0		10.0	
MW-87d-11-02-05-15:24	675	1.0		5.0		10.0	
MW-88-11-14-05-14:16	1143	1.0		5.0		10.0	
MW-91-11-14-05-10:26	nd	1.0		5.0		10.0	
TW-15-11-15-05-10:34	86	1.0		5.0		10.0	
373 Pinewood Deep-11-03-05-10:38	nd	1.0		5.0		10.0	
Saginaw Forest Cabin #1-11-07-05-16:43	49	1.0		5.0		10.0	
Saginaw Forest Cabin #2-11-07-05-15:23	5	1.0		5.0		10.0	
<b>Marshy</b>							
AMW-1-11-17-05-13:38	310	1.0		5.0		10.0	
AMW-2-11-01-05-15:59	329	1.0		5.0		10.0	
MOW-1-11-01-05-16:09	1744	1.0		5.0		10.0	
NMW-1s-11-17-05-14:04	1707	1.0		5.0		10.0	
NMW-1d-11-17-05-13:50	782	1.0		5.0		10.0	
NMW-2s-11-17-05-11:26	3117	1.0		5.0		10.0	
NMW-2d-11-17-05-11:19	927	1.0		5.0		10.0	
NMW-3s-11-17-05-15:17	965	1.0		5.0		10.0	

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
<b>Marshy</b>							
NMW-3d-11-17-05-15:25	1434	1.0		5.0		10.0	
PMW-1-11-17-05-10:20	185	1.0		5.0		10.0	
PMW-2-11-17-05-10:10	1798	1.0		5.0		10.0	
PMW-3-11-01-05-16:22	10,700	1.0		5.0		10.0	
PMW-4-11-17-05-10:30	856	1.0		5.0		10.0	
SW-1M-11-11-05-13:31	nd	1.0		5.0		10.0	
SW-2M-11-11-05-13:42	nd	1.0		5.0		10.0	
SW-3M-11-11-05-13:51	nd	1.0		5.0		10.0	Couldn't get static reading.
<b>SW</b>							
MW-10d-11-08-05-11:12	593	1.0		5.0		10.0	
MW-45s-11-09-05-15:37	160	1.0		5.0		10.0	
MW-45d-11-15-05-14:55	1363	1.0		5.0		10.0	
MW-46-11-15-05-14:24	229	1.0		5.0		10.0	
MW-48-11-16-05-15:58	123	1.0		5.0		10.0	
MW-49-11-08-05-15:30	nd	1.0		5.0		10.0	
MW-52s-11-08-05-10:30	558	1.0		5.0		10.0	
MW-52i-11-08-05-09:55	nd	1.0		5.0		10.0	
MW-52d-11-08-05-09:21	nd	1.0		5.0		10.0	
MW-57-11-08-05-11:27	nd	1.0		5.0		10.0	
MW-78-11-07-05-17:07	39	1.0		5.0		10.0	
<b>Not Determined</b>							
MW-62s-11-04-05-11:09	nd	1.0		5.0		10.0	
MW-63s-11-04-05-14:36	nd	1.0		5.0		10.0	
2601 Dexter-11-10-05-14:26	1	1.0		5.0		10.0	
3459 Ferry-11-30-05-11:55	nd	1.0		5.0		10.0	
Varsity Ford-11-28-05-15:25	3	1.0		5.0		10.0	
<b>None</b>							
2575 Valley-11-10-05-15:08	6	1.0		5.0		10.0	



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
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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
11/1/2005	0	10.00	9.32	93.2	10.00	9.41	94.10									
11/3/2005	0	10.00	9.41	94.1	10.00	9.50	95.00	5.10	10.00	14.61	14.53	95.10	94.30	14.57	0.39	0.55%
11/4/2005	0	10.00	9.48	94.8	10.00	9.70	97.00	5.12	10.00	14.95	14.87	98.30	97.50	14.91	0.38	0.54%
					10.00	9.63	96.30									
					10.00	9.80	98.00									
11/7/2005	0	10.00	9.53	95.3	10.00	9.81	98.10	4.77	10.00	14.61	14.27	98.40	95.00	14.44	1.66	2.35%
					10.00	9.51	95.10		10.00							
					10.00	9.56	95.60									
					10.00	9.65	96.50									
11/8/2005	0	10.00	9.64	96.4	10.00	9.08	90.80									
11/9/2005	0	10.00	9.70	97	10.00	9.76	97.60	5.26	10.00	15.03	15.06	97.70	98.00	15.05	0.14	0.20%
					10.00	9.90	99.00									
11/10/2005	0	10.00	9.18	91.8	10.00	8.83	88.30	4.50	10.00	13.66	14.24	91.60	97.40	13.95	2.94	4.16%
					10.00	9.47	94.70									
					10.00	9.16	91.60									
					10.00	9.24	92.40									
11/11/2005	0	10.00	9.24	92.4	10.00	9.28	92.80	3.91	10.00	13.29	13.38	93.80	94.70	13.34	0.48	0.67%
					10.00	9.20	92.00									
					10.00	9.54	95.40									
					10.00	9.29	92.90									
					10.00	9.39	93.90									
					10.00	10.67	106.70									
11/14/2005	0	10.00	9.55	95.5	10.00	9.43	94.30									
11/15/2005	0	10.00	9.70	97	10.00	9.59	95.90	7.14	10.00	16.78	17.36	96.40	102.20	17.07	2.40	3.40%
					10.00	9.50	95.00									
11/16/2005	0	10.00	9.09	90.9	10.00	9.19	91.90	6.36	10.00	16.39	16.45	100.30	100.90	16.42	0.26	0.37%
11/21/2005	0	10.00	9.91	99.1	10.00	10.30	103.00	5.74	10.00	16.01	16.42	102.70	106.80	16.22	1.79	2.53%
					10.00	10.78	107.80									

CVS Mean: 9.41    CVS Standard Dev: 0.31    3 Standard Dev.: 0.94    Lower Control Limit: 8.47    Upper Control Limit: 10.36

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
11/23/2005	0	10.00	9.12	91.2	10.00	9.00	90.00									
		10.00	9.43	94.3	10.00	9.30	93.00									
		10.00	9.36	93.60	10.00	9.44	94.40									
	0	10.00	8.92	89.2	10.00	9.44	94.40									
		10.00	9.18	91.80												
11/25/2005	0	10.00	9.77	97.7	10.00	9.43	94.30	5.26	10.00	14.18	14.80	89.20	95.40	14.49	3.03	4.28%
11/28/2005	0	10.00	9.71	97.1	10.00	8.90	89.00	4.90	10.00	14.32	15.08	94.20	101.80	14.70	3.66	5.17%
11/29/2005	0	10.00	8.75	87.5	10.00	8.76	87.60	4.91	10.00	13.43	13.66	85.20	87.50	13.55	1.20	1.70%
					10.00	8.44	84.40									

CVS Mean: 9.41 CVS Standard Dev: 0.31 3 Standard Dev.: 0.94 Lower Control Limit: 8.47 Upper Control Limit: 10.36