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ANALYTICAL REPORT

PROJECT NO. 142541

Focus/US Filter Westates MT/HG

Lot #: H6D040213

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SEVERN TRENT LABORATORIES, INC.

Kevin S. Woodcock
Project Manager

April 25, 2006

ANALYTICAL METHODS SUMMARY

H6D040213

PARAMETER	ANALYTICAL METHOD
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

H6D040213

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H2J9K	001	G-2888-R1-SPENT ACTIVATED CARBON	03/28/06	
H2J9X	002	G-2892-R1-SCRUBBER BLOWDOWN	03/28/06	
H2KAV	003	G-2896-R1-POTW DISCHARGE	03/28/06	
H2KA5	004	G-2900-R1-CAUSTIC FEED	03/28/06	
H2KCE	005	G-2904-R1-MAKE-UP WATER	03/28/06	
H2KCL	006	G-2986-R2-SPENT ACTIVATED CARBON	03/29/06	
H2KCV	007	G-2990-R2-SCRUBBER BLOWDOWN	03/29/06	
H2KC4	008	G-2994-R2-POTW DISCHARGE	03/29/06	
H2KC5	009	G-3002-R2-MAKE-UP WATER	03/29/06	
H2KC9	010	G-3069-R3-SPENT ACTIVATED CARBON	03/30/06	
H2KDV	011	G-3073-R3-SCRUBBER BLOWDOWN	03/30/06	
H2KD1	012	G-3077-R3-POTW DISCHARGE	03/30/06	
H2KD5	013	G-3085-R3-MAKE-UP WATER	03/30/06	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H6D040213

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

Custody seals were not present upon sample receipt at STL Knoxville; however, samples were hand delivered.

The "Relinquished by" field on the chain of custody documentation did not contain a signature.

The container label for several samples did not match the associated chain of custody documentation.

Quality Control

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

The matrix spike/matrix spike duplicate recoveries and/or RPDs for sample G-2888-R1-Spent Activated Carbon, G-2892-R1-Scrubber Blowdown and G-2900-R1-Caustic Feed were outside control limits for some analytes. However, the laboratory control samples showed acceptable results indicating that the analysis was in control. The matrix spike/matrix spike duplicate results are, therefore, attributed to matrix effects. In addition, some analytes were outside control limits because the native analyte concentration in the sample was at least four times greater than the spike level. The affected analytes are flagged appropriately on the matrix spike/matrix spike duplicate report.

STL Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Cert. #05-043-0, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Cert. #PH-0223, Florida DOH Cert. #E87177, Georgia DNR Cert. #906 (SDWA, expires 6/24/05), Hawaii DOH, Illinois EPA Cert. #000687, Indiana DOH Cert. #C-TN-02, Iowa DNR Cert. #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab ID #90101, Louisiana DEQ Cert. #03079, Louisiana DOHH Cert. #LA030024, Maryland DHMH Cert. #277, Massachusetts DEP Cert. #M-TN009, Michigan DEQ Lab ID #9933, New Jersey DEP Cert. #TN001, New York DOH Lab #10781, North Carolina DPH Lab ID #21705, North Carolina DEHNR Cert. #64, Ohio EPA VAP Cert. #CL0059, Oklahoma DEQ ID #9415, Pennsylvania DEP Cert. #68-00576, South Carolina DHEC Lab ID #84001001, Tennessee DOH Lab ID #02014, Utah DOH Cert. # QUAN3, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, West Virginia DEP Cert. #345, Wisconsin DNR Lab ID #998044300, US Army Corps of Engineers, Naval Facilities Engineering Service Center and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

PROJECT NARRATIVE
H6D040213

Sample G-2900- R1-Caustic Feed was reported with elevated reporting limits for all analytes due to the difficult sample matrix. A dilution was necessary and the reporting limits were adjusted accordingly.

Interference check sample result for barium was outside control limits (± 1 times the reporting limit from zero) due to contamination. The validity of the associated sample results is not affected.

STL Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Cert. #05-043-0, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Cert. #PH-0223, Florida DOH Cert. #E87177, Georgia DNR Cert. #906 (SDWA, expires 6/24/05), Hawaii DOH, Illinois EPA Cert. #000687, Indiana DOH Cert. #C-TN-02, Iowa DNR Cert. #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab ID #90101, Louisiana DEQ Cert. #03079, Louisiana DOHH Cert. #LA030024, Maryland DHMH Cert. #277, Massachusetts DEP Cert. #M-TN009, Michigan DEQ Lab ID #9933, New Jersey DEP Cert. #TN001, New York DOH Lab #10781, North Carolina DPH Lab ID #21705, North Carolina DEHNR Cert. #64, Ohio EPA VAP Cert. #CL0059, Oklahoma DEQ ID #9415, Pennsylvania DEP Cert. #68-00576, South Carolina DHEC Lab ID #84001001, Tennessee DOH Lab ID #02014, Utah DOH Cert. # QUAN3, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, West Virginia DEP Cert. #345, Wisconsin DNR Lab ID #998044300, US Army Corps of Engineers, Naval Facilities Engineering Service Center and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

Sample Data Summary

STL Knoxville - ACS

Client Sample ID: G-2888-R1-SPENT ACTIVATED CARBON

TOTAL Metals

Lot-Sample #...: H6D040213-001 Matrix.....: SOLID
Date Sampled...: 03/28/06 Date Received..: 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6096160						
Aluminum	433	40.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1AA
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 11.0	
Antimony	ND	6.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1AE
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 1.4	
Arsenic	1.4 B	2.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1AH
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.33	
Barium	21.1	1.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1AL
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.16	
Beryllium	0.22 B	1.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1AP
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.18	
Cadmium	0.16 B	0.50	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1AT
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.082	
Chromium	3.7	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1AW
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.36	
Cobalt	1.6 B	5.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1A1
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.22	
Copper	11.1	2.5	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1A4
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.70	
Lead	0.75 B	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1A7
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.37	
Manganese	278	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1CA
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.18	
Nickel	9.5	4.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1CE
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.38	
Selenium	0.61 B	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1CH
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.43	

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STL Knoxville - ACS

Client Sample ID: G-2888-R1-SPENT ACTIVATED CARBON

TOTAL Metals

Lot-Sample #...: H6D040213-001 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	3.0	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1CL
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.97	
Thallium	ND	3.5	mg/kg	SW846 6010B	04/07-04/10/06	H2J9K1CP
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 1.0	
Vanadium	**2.7**	**2.5**	**mg/kg**	**SW846 6010B**	**04/07-04/10/06**	**H2J9K1CT**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.50	
Zinc	**14.4 J**	**6.0**	**mg/kg**	**SW846 6010B**	**04/07-04/10/06**	**H2J9K1CW**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.41	

Prep Batch #...: 6103381

Mercury	**0.013 B**	**0.033**	**mg/kg**	**SW846 7471A**	**04/14/06**	**H2J9K1C1**
		Dilution Factor: 1		Analysis Time..: 12:05	MDL.....: 0.010	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

STL Knoxville - ACS

Client Sample ID: G-2892-R1-SCRUBBER BLOWDOWN

TOTAL Metals

Lot-Sample #...: H6D040213-002 Matrix.....: WATER
Date Sampled...: 03/28/06 Date Received..: 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	0.35	0.20	ug/L	SW846 7470A	04/19/06	H2J9X1C1
		Dilution Factor: 1		Analysis Time..: 17:02	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	13700	400	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1AA
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1AE
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 14.0	
Arsenic	36.7	20.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1AH
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 5.1	
Barium	874	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1AL
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 1.6	
Beryllium	3.8 B	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1AP
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 1.8	
Cadmium	11.3	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1AT
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 0.82	
Chromium	1720	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1AW
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 3.9	
Cobalt	31.5 B	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1A1
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 2.2	
Copper	1780	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1A4
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 7.0	
Lead	721	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1A7
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 3.7	
Manganese	3380	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1CA
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 1.8	
Nickel	433	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1CE
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-2892-R1-SCRUBBER BLOWDOWN

TOTAL Metals

Lot-Sample #...: H6D040213-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**11.9 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2J9X1CH**
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1CL
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2J9X1CP
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 10.0	
Vanadium	**84.3**	**25.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2J9X1CT**
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 5.0	
Zinc	**765**	**60.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2J9X1CW**
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-2896-R1-POTW DISCHARGE

TOTAL Metals

Lot-Sample #...: H6D040213-003 **Matrix.....:** WATER
Date Sampled...: 03/28/06 **Date Received..:** 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	ND	0.20	ug/L	SW846 7470A	04/19/06	H2KAV1CA
		Dilution Factor: 1		Analysis Time..: 17:04	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	**114 B**	**400**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KAV1AL**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1AP
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 14.0	
Arsenic	**13.7 B**	**20.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KAV1AT**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 5.1	
Barium	**247**	**10.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KAV1AW**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 1.6	
Beryllium	ND	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1A1
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 1.8	
Cadmium	ND	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1A4
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.82	
Chromium	**24.6**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KAV1A7**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 3.9	
Cobalt	ND	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1AA
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 2.2	
Copper	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1AE
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 7.0	
Lead	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1AH
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 3.7	
Manganese	**115**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KAV1CE**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 1.8	
Nickel	ND	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1CH
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-2896-R1-POTW DISCHARGE

TOTAL Metals

Lot-Sample #...: H6D040213-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**11.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KAV1CL**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1CP
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1CT
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 10.0	
Vanadium	**25.6**	**25.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KAV1CW**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 5.0	
Zinc	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KAV1C1
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-2900-R1-CAUSTIC FEED

TOTAL Metals

Lot-Sample #...: H6D040213-004 **Matrix.....:** WATER
Date Sampled...: 03/28/06 **Date Received..:** 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	**3.5**	**0.80**	**ug/L**	**SW846 7470A**	**04/19/06**	**H2KA51CA**
		Dilution Factor: 4		Analysis Time..: 17:05	MDL.....: 0.24	
Prep Batch #...: 6104289						
Aluminum	ND	1600	ug/L	SW846 6010B	04/17-04/18/06	H2KA51AL
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 440	
Antimony	ND	240	ug/L	SW846 6010B	04/17-04/18/06	H2KA51AP
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 56.0	
Arsenic	ND	80.0	ug/L	SW846 6010B	04/17-04/18/06	H2KA51AT
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 20.4	
Barium	**363**	**40.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KA51AW**
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 6.4	
Beryllium	ND	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KA51A1
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 7.2	
Cadmium	ND	20.0	ug/L	SW846 6010B	04/17-04/18/06	H2KA51A4
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 3.3	
Chromium	**364**	**60.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KA51A7**
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 15.6	
Cobalt	ND	200	ug/L	SW846 6010B	04/17-04/18/06	H2KA51AA
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 8.8	
Copper	ND	100	ug/L	SW846 6010B	04/17-04/18/06	H2KA51AE
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 28.0	
Lead	**97.5**	**60.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KA51AH**
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 14.8	
Manganese	**74.8**	**60.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KA51CE**
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 7.2	
Nickel	**150 B**	**160**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KA51CH**
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 15.2	

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STL Knoxville - ACS

Client Sample ID: G-2900-R1-CAUSTIC FEED

TOTAL Metals

Lot-Sample #...: H6D040213-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KA51CL
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 17.2	
Silver	**53.0 B**	**120**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KA51CP**
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 38.8	
Thallium	ND	140	ug/L	SW846 6010B	04/17-04/18/06	H2KA51CT
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 40.0	
Vanadium	ND	100	ug/L	SW846 6010B	04/17-04/18/06	H2KA51CW
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 20.0	
Zinc	**204 B**	**240**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KA51C1**
		Dilution Factor: 4		Analysis Time..: 22:06	MDL.....: 15.2	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-2904-R1-MAKE-UP WATER

TOTAL Metals

Lot-Sample #...: H6D040213-005 **Matrix.....:** WATER
Date Sampled...: 03/28/06 **Date Received..:** 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	ND	0.20	ug/L	SW846 7470A	04/19/06	H2KCE1CA
		Dilution Factor: 1		Analysis Time..: 17:12	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	ND	400	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1AL
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1AP
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 14.0	
Arsenic	ND	20.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1AT
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 5.1	
Barium	**51.2**	**10.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KCE1AW**
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 1.6	
Beryllium	ND	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1A1
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 1.8	
Cadmium	ND	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1A4
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 0.82	
Chromium	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1A7
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 3.9	
Cobalt	ND	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1AA
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 2.2	
Copper	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1AE
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 7.0	
Lead	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1AH
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 3.7	
Manganese	**15.4**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KCE1CE**
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 1.8	
Nickel	ND	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1CH
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-2904-R1-MAKE-UP WATER

TOTAL Metals

Lot-Sample #...: H6D040213-005 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1CL
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1CP
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1CT
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 10.0	
Vanadium	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1CW
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 5.0	
Zinc	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCE1C1
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 3.8	

STL Knoxville - ACS

Client Sample ID: G-2986-R2-SPENT ACTIVATED CARBON

TOTAL Metals

Lot-Sample #...: H6D040213-006 Matrix.....: SOLID
Date Sampled...: 03/29/06 Date Received..: 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6096160						
Aluminum	832	40.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AE
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 11.0	
Antimony	ND	6.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AF
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 1.4	
Arsenic	1.4 B	2.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AG
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.33	
Barium	35.0	1.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AH
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.16	
Beryllium	0.42 B	1.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AJ
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.18	
Cadmium	0.14 B	0.50	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AK
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.082	
Chromium	5.9	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AL
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.36	
Cobalt	1.8 B	5.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AA
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.22	
Copper	17.4	2.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AC
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.70	
Lead	0.88 B	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AD
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.37	
Manganese	270	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AN
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.18	
Nickel	50.8	4.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AP
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.38	
Selenium	0.55 B	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AQ
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.43	

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STL Knoxville - ACS

Client Sample ID: G-2986-R2-SPENT ACTIVATED CARBON

TOTAL Metals

Lot-Sample #...: H6D040213-006 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	3.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AR
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.97	
Thallium	ND	3.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KCL1AT
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 1.0	
Vanadium	**2.9**	**2.5**	**mg/kg**	**SW846 6010B**	**04/07-04/10/06**	**H2KCL1AU**
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.50	
Zinc	**16.8 J**	**6.0**	**mg/kg**	**SW846 6010B**	**04/07-04/10/06**	**H2KCL1AV**
		Dilution Factor: 1		Analysis Time..: 19:11	MDL.....: 0.41	
Prep Batch #...: 6103381						
Mercury	**0.014 B**	**0.033**	**mg/kg**	**SW846 7471A**	**04/14/06**	**H2KCL1AM**
		Dilution Factor: 1		Analysis Time..: 12:12	MDL.....: 0.010	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

STL Knoxville - ACS

Client Sample ID: G-2990-R2-SCRUBBER BLOWDOWN

TOTAL Metals

Lot-Sample #...: H6D040213-007
Date Sampled...: 03/29/06 Date Received..: 04/02/06
Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	0.42	0.20	ug/L	SW846 7470A	04/19/06	H2KCV1AM
		Dilution Factor: 1		Analysis Time..: 17:14	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	11700	400	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AE
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AF
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 14.0	
Arsenic	26.1	20.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AG
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 5.1	
Barium	765	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AH
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 1.6	
Beryllium	3.7 B	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AJ
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 1.8	
Cadmium	11.7	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AK
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 0.82	
Chromium	1750	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AL
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 3.9	
Cobalt	26.4 B	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AA
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 2.2	
Copper	965	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AC
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 7.0	
Lead	592	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AD
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 3.7	
Manganese	3100	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AN
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 1.8	
Nickel	397	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AP
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-2990-R2-SCRUBBER BLOWDOWN

TOTAL Metals

Lot-Sample #...: H6D040213-007 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**8.8 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KCV1AQ**
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AR
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KCV1AT
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 10.0	
Vanadium	**58.1**	**25.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KCV1AU**
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 5.0	
Zinc	**564**	**60.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KCV1AV**
		Dilution Factor: 1		Analysis Time..: 16:08	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-2994-R2-POTW DISCHARGE

TOTAL Metals

Lot-Sample #...: H6D040213-008
Date Sampled...: 03/29/06 **Date Received..:** 04/02/06
Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	ND	0.20	ug/L	SW846 7470A	04/19/06	H2KC41AM
		Dilution Factor: 1		Analysis Time..: 17:16	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	ND	400	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AE
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AF
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 14.0	
Arsenic	**12.6 B**	**20.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC41AG**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 5.1	
Barium	**226**	**10.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC41AH**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 1.6	
Beryllium	ND	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AJ
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 1.8	
Cadmium	ND	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AK
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 0.82	
Chromium	**13.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC41AL**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 3.9	
Cobalt	ND	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AA
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 2.2	
Copper	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AC
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 7.0	
Lead	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AD
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 3.7	
Manganese	**61.2**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC41AN**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 1.8	
Nickel	ND	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AP
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-2994-R2-POTW DISCHARGE

TOTAL Metals

Lot-Sample #...: H6D040213-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC41AQ**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AR
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AT
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 10.0	
Vanadium	**16.6 B**	**25.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC41AU**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 5.0	
Zinc	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC41AV
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-3002-R2-MAKE-UP WATER

TOTAL Metals

Lot-Sample #...: H6D040213-009 **Matrix.....:** WATER
Date Sampled...: 03/29/06 **Date Received..:** 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	ND	0.20	ug/L	SW846 7470A	04/19/06	H2KC51AM
		Dilution Factor: 1		Analysis Time..: 17:25	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	ND	400	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AE
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AF
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 14.0	
Arsenic	**5.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC51AG**
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 5.1	
Barium	**51.9**	**10.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC51AH**
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 1.6	
Beryllium	ND	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AJ
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 1.8	
Cadmium	ND	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AK
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 0.82	
Chromium	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AL
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 3.9	
Cobalt	ND	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AA
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 2.2	
Copper	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AC
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 7.0	
Lead	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AD
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 3.7	
Manganese	**18.5**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KC51AN**
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 1.8	
Nickel	ND	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AP
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-3002-R2-MAKE-UP WATER

TOTAL Metals

Lot-Sample #...: H6D040213-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AQ
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AR
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AT
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 10.0	
Vanadium	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AU
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 5.0	
Zinc	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KC51AV
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-3069-R3-SPENT ACTIVATED CARBON

TOTAL Metals

Lot-Sample #...: H6D040213-010 Matrix.....: SOLID
Date Sampled...: 03/30/06 Date Received..: 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6096160						
Aluminum	785	40.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AE
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 11.0	
Antimony	ND	6.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AF
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 1.4	
Arsenic	1.6 B	2.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AG
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.33	
Barium	37.3	1.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AH
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.16	
Beryllium	0.54 B	1.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AJ
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.18	
Cadmium	0.24 B	0.50	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AK
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.082	
Chromium	5.7	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AL
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.36	
Cobalt	2.0 B	5.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AA
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.22	
Copper	12.4	2.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AC
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.70	
Lead	1.1 B	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AD
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.37	
Manganese	179	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AN
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.18	
Nickel	28.9	4.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AP
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.38	
Selenium	0.48 B	1.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AQ
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.43	

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STL Knoxville - ACS

Client Sample ID: G-3069-R3-SPENT ACTIVATED CARBON

TOTAL Metals

Lot-Sample #...: H6D040213-010 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	3.0	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AR
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.97	
Thallium	ND	3.5	mg/kg	SW846 6010B	04/07-04/10/06	H2KC91AT
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 1.0	
Vanadium	**6.2**	**2.5**	**mg/kg**	**SW846 6010B**	**04/07-04/10/06**	**H2KC91AU**
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.50	
Zinc	**16.8 J**	**6.0**	**mg/kg**	**SW846 6010B**	**04/07-04/10/06**	**H2KC91AV**
		Dilution Factor: 1		Analysis Time..: 19:17	MDL.....: 0.41	

Prep Batch #...: 6103381

Mercury	**0.023 B**	**0.033**	**mg/kg**	**SW846 7471A**	**04/14/06**	**H2KC91AM**
		Dilution Factor: 1		Analysis Time..: 12:14	MDL.....: 0.010	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

STL Knoxville - ACS

Client Sample ID: G-3073-R3-SCRUBBER BLOWDOWN

TOTAL Metals

Lot-Sample #...: H6D040213-011 Matrix.....: WATER
Date Sampled...: 03/30/06 Date Received..: 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	0.45	0.20	ug/L	SW846 7470A	04/19/06	H2KDV1AM
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	17600	400	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AE
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 110	
Antimony	17.7 B	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AF
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 14.0	
Arsenic	39.3	20.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AG
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 5.1	
Barium	1130	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AH
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 1.6	
Beryllium	5.4 B	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AJ
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 1.8	
Cadmium	13.7	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AK
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 0.82	
Chromium	2900	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AL
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 3.9	
Cobalt	40.5 B	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AA
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 2.2	
Copper	669	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AC
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 7.0	
Lead	1510	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AD
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 3.7	
Manganese	4320	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AN
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 1.8	
Nickel	405	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AP
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-3073-R3-SCRUBBER BLOWDOWN

TOTAL Metals

Lot-Sample #...: H6D040213-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**12.1 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KDV1AQ**
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AR
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KDV1AT
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 10.0	
Vanadium	**109**	**25.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KDV1AU**
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 5.0	
Zinc	**645**	**60.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KDV1AV**
		Dilution Factor: 1		Analysis Time..: 16:26	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-3077-R3-POTW DISCHARGE

TOTAL Metals

Lot-Sample #...: H6D040213-012 **Matrix.....:** WATER
Date Sampled...: 03/30/06 **Date Received..:** 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	ND	0.20	ug/L	SW846 7470A	04/19/06	H2KD11AM
		Dilution Factor: 1		Analysis Time..: 17:36	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	**148 B**	**400**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AE**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AF
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 14.0	
Arsenic	**11.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AG**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 5.1	
Barium	**238**	**10.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AH**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 1.6	
Beryllium	ND	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AJ
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 1.8	
Cadmium	**2.4 B**	**5.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AK**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 0.82	
Chromium	**25.1**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AL**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 3.9	
Cobalt	ND	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AA
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 2.2	
Copper	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AC
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 7.0	
Lead	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AD
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 3.7	
Manganese	**85.9**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AN**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 1.8	
Nickel	**4.8 B**	**40.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AP**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-3077-R3-POTW DISCHARGE

TOTAL Metals

Lot-Sample #...: H6D040213-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AQ**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AR
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AT
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 10.0	
Vanadium	**21.0 B**	**25.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD11AU**
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 5.0	
Zinc	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD11AV
		Dilution Factor: 1		Analysis Time..: 16:35	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-3085-R3-MAKE-UP WATER

TOTAL Metals

Lot-Sample #...: H6D040213-013 **Matrix.....:** WATER
Date Sampled...: 03/30/06 **Date Received..:** 04/02/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6102412						
Mercury	ND	0.20	ug/L	SW846 7470A	04/19/06	H2KD51AM
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 0.060	
Prep Batch #...: 6104289						
Aluminum	ND	400	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AE
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 110	
Antimony	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AF
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 14.0	
Arsenic	ND	20.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AG
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 5.1	
Barium	**49.2**	**10.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD51AH**
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 1.6	
Beryllium	ND	10.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AJ
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 1.8	
Cadmium	ND	5.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AK
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 0.82	
Chromium	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AL
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 3.9	
Cobalt	ND	50.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AA
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 2.2	
Copper	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AC
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 7.0	
Lead	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AD
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 3.7	
Manganese	**14.0 B**	**15.0**	**ug/L**	**SW846 6010B**	**04/17-04/18/06**	**H2KD51AN**
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 1.8	
Nickel	ND	40.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AP
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 3.8	

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STL Knoxville - ACS

Client Sample ID: G-3085-R3-MAKE-UP WATER

TOTAL Metals

Lot-Sample #...: H6D040213-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	15.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AQ
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 4.3	
Silver	ND	30.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AR
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 9.7	
Thallium	ND	35.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AT
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 10.0	
Vanadium	ND	25.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AU
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 5.0	
Zinc	ND	60.0	ug/L	SW846 6010B	04/17-04/18/06	H2KD51AV
		Dilution Factor: 1		Analysis Time..: 21:59	MDL.....: 3.8	

NOTE(S):

B Estimated result. Result is less than RL.