



**TENNESSEE VALLEY AUTHORITY  
CENTRAL LABORATORIES SERVICES  
1101 Market Street, PSC 1B-C  
Chattanooga, Tennessee 37402-2801  
Phone: (423) 697 - 4318 • Fax: (423) 697 - 4137**

**Data Report Number:** 020531-74937

**Report of Results:** Environmental

Shipping Address:  
Chickamauga Power Service Center  
North Side Chickamauga  
Reservation  
Chattanooga, Tennessee 37415

**Customer Address:** Kathy Harper  
LP 5H-C  
Phone: 751-2634  
Fax : 751-6619  
E-Mail: kharper@tva.gov

**Location Code:** MISC

**Field ID:** 257754

**Sample Description:** KIF BOTTOM ASH FROM POND

**Sample ID:** AC05128      **LRF ID:** 02030053

**Matrix:** Solids      **Reg:** RCRA

**Date Collected:** 03/01/2002

**Time Collected:** 0:00

**Date Received:** 03/01/2002

**Time Received:** 8:45

**Project Manager:** Pamela L. Whitt

Analyte	CAS Number <sup>1</sup>	Result	Units	MDL <sup>2</sup>	Analysis	Analysis	Method	
					Date	Time	Analyst	Reference
Barium, TCLP Extract	7440-39-3	0.39	mg/L	0.01	03/14/2002	15:06	LRP	EPA 6010B
Cadmium, TCLP Extract	7440-43-9	< MDL	mg/L	0.005	03/14/2002	15:06	LRP	EPA 6010B
Chromium, TCLP Extract	7440-47-3	< MDL	mg/L	0.05	03/14/2002	15:06	LRP	EPA 6010B
Lead, TCLP Extract	7439-92-1	< MDL	mg/L	0.05	03/14/2002	15:06	LRP	EPA 6010B
Silver, TCLP Extract	7440-22-4	< MDL	mg/L	0.01	03/14/2002	15:06	LRP	EPA 6010B
Mercury , TCLP Extract	7439-97-6	< MDL	mg/L	0.002	03/15/2002	13:02	ALB	EPA 7470
Aluminum, Total	7429-90-5	2600	mg/Kg	5.0	03/13/2002	12:40	LRP	EPA 6010B
Antimony, Total	7440-36-0	< MDL	mg/Kg	10.0	03/13/2002	12:40	LRP	EPA 6010B
Barium, Total	7440-39-3	79	mg/Kg	1.0	03/13/2002	12:40	LRP	EPA 6010B
Beryllium, Total	7440-41-7	0.13	mg/Kg	0.1	03/13/2002	12:40	LRP	EPA 6010B
Cadmium, Total	7440-43-9	< MDL	mg/Kg	0.5	03/13/2002	12:40	LRP	EPA 6010B
Calcium, Total	7440-70-2	2900	mg/Kg	10.0	03/13/2002	12:40	LRP	EPA 6010B
Chromium, Total	7440-47-3	< MDL	mg/Kg	5.0	03/13/2002	12:40	LRP	EPA 6010B
Cobalt, Total	7440-48-4	7.2	mg/Kg	5.0	03/13/2002	12:40	LRP	EPA 6010B
Copper, Total	7440-50-8	15	mg/Kg	1.0	03/13/2002	12:40	LRP	EPA 6010B
Iron, Total	7439-89-6	98000	mg/Kg	1.0	03/13/2002	12:40	LRP	EPA 6010B
Lead, Total	7439-92-1	21	mg/Kg	5.0	03/13/2002	12:40	LRP	EPA 6010B
Magnesium, Total	7439-95-4	1100	mg/Kg	1.0	03/13/2002	12:40	LRP	EPA 6010B
Manganese, Total	7439-96-5	150	mg/Kg	0.5	03/13/2002	12:40	LRP	EPA 6010B
Molybdenum, Total	7439-98-7	< MDL	mg/Kg	2.0	03/13/2002	12:40	LRP	EPA 6010B
Nickel, Total	7440-02-0	20	mg/Kg	5.0	03/13/2002	12:40	LRP	EPA 6010B
Silver, Total	7440-22-4	< MDL	mg/Kg	1.0	03/13/2002	12:40	LRP	EPA 6010B
Strontium, Total	7440-24-6	39	mg/Kg	5.0	03/13/2002	12:40	LRP	EPA 6010B
Tin, Total	7440-31-5	< MDL	mg/Kg	5.0	03/13/2002	12:40	LRP	EPA 6010B
Titanium, Total	7440-32-6	110	mg/Kg	0.5	03/13/2002	12:40	LRP	EPA 6010B
Vanadium, Total	7440-62-2	21	mg/Kg	1.0	03/13/2002	12:40	LRP	EPA 6010B
Zinc, Total	7440-66-6	140	mg/Kg	1.0	03/13/2002	12:40	LRP	EPA 6010B
Arsenic, Total	7440-38-2	280	mg/Kg	10.0	03/13/2002	12:40	LRP	EPA 6010B
Selenium, Total	7782-49-2	< MDL	mg/Kg	10.0	03/13/2002	12:40	LRP	EPA 6010B
Thallium, Total	7440-28-0	< MDL	mg/Kg	10.0	03/13/2002	12:40	LRP	EPA 6010B
Lithium, Total	7439-93-2	2	mg/Kg	0.5	04/10/2002	15:07	ALP	
Selenium, TCLP Extract	7782-49-2	0.0037	mg/L	0.001	04/08/2002	13:36	ALP	EPA 7740
Asrenic, TCLP Extract	7440-38-2	0.0063	mg/L	0.001	04/09/2002	15:52	ALP	EPA 7060A
Mercury, RCRA Total	7439-97-6	0.80	mg/Kg	0.1	04/16/2002	15:24	ALB	EPA 7470



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**Sample Comments:** No collection time documented.

**Data Report Number:** 020531-74937

**Report of Results:** Environmental

Environmental Chemistry Laboratory data report number 020531-74937 was electronically approved using Labworks

Enterprise Version 4.6, Build 253 on 04/18/2002 at 10:35 by *Pamela L. Whitt* .

Vanessa L. Ramey, Lab Director

Pamela L. Whitt, Project Manager

Scott R. McNabb, Project Manager

Lisabeth R. Pearson, Quality Assurance Specialist

Ricardo I. Gilbert, Senior Analytical Chemist

This report contains sample results for the following samples, Login Reference File number: 02030053  
AC05128