



Tennessee Valley Authority, 714 Swan Pond Road, Hariman, Tennessee 37748

ENVIRONMENTAL DOCUMENT TYPE

KIF Stormwater Permit
Compliance Records (F6A)

November 17, 2008

Ms. Natalie Harris, Manager
Knoxville Environmental Field Office
Division of Water Pollution Control
Tennessee Department of Environment & Conservation
3711 Middlebrook Pike
Knoxville, Tennessee 37921

Dear Ms. Harris,

**TENNESSEE VALLEY AUTHORITY (TVA) - KINGSTON FOSSIL PLANT (KIF) -
TENNESSEE MULTI-SECTOR PERMIT NUMBER TNR051787 - EFFLUENT CUT-OFF
CONCENTRATION EXCEEDANCE & CORRECTIVE ACTIONS**

As required by the permit under Section IV.C, notification is given that annual analysis at outfall F6A at KIF has exceeded storm water monitoring results with effluent concentrations above the monitoring cut-off concentration of 5.0 mg/L Total Iron. Due to last year's drought conditions, at least two samples per each outfall not sampled the previous year are required. We are submitting the following monitoring information for the second annual sample for this outfall:

1. Storm Water Outfall # F6A

Outfall Description:

This storm water outfall carries runoff from the southwest plant yard area (8.1 acres) located south west of the powerhouse including the area around Units 5-9 precipitators and the coal conveyor from the crusher building to the powerhouse.

Storm water Monitoring Data Summary

October 2008 = 42 mg/L Total Iron

Cut-Off Concentration

5.0 mg/L Total Iron

Likely Source(s) of Pollution:

An increase in heavy equipment traffic in the area of this outfall due to major site construction has resulted in increased loading of coal, ash, and mud. Vehicular damage of storm drain protective devices has occurred.

Summary of Corrective Actions:

The paved areas will be washed and vacuumed of as much visible sediment as possible. The storm drain devices (EELs and filter fabric) will be cleaned and reseated to protect the storm drains (if damaged they will be replaced). Additional barriers will be erected

around the storm drain devices to prevent disturbance by heavy equipment traffic. Additionally, any suspected contaminated soil or gravel will be removed from the area and replaced with clean material. The storm drain protection inspection frequency has also been increased.

Ms. Natalie Harris
Page 2
November 17, 2008

If you have any questions regarding storm water monitoring, please contact Cynthia McCowan at (865) 717-2180.

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,



Ronald C. Hall
Plant Manger

RCH: cwm