



ENVIRONMENTAL DOCUMENT TYPE:
KIF Storm Water Correspondence
(Annual Report)

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

March 5, 2008

Mr. Patrick Cromer
Enforcement & Compliance Section
Tennessee Division of Water Pollution Control
6th Floor L & C Annex
401 Church Street
Nashville, Tennessee 37243-1534

Dear Mr. Cromer:

TENNESSEE VALLEY AUTHORITY (TVA) - KINGSTON FOSSIL PLANT - TENNESSEE
MULTI-SECTOR GENERAL PERMIT FOR INDUSTRIAL ACTIVITY - TNR051787 - ANNUAL
MONITORING REPORT - 2007

Enclosed are Annual Storm Water Monitoring Reports for outfalls F7, and F17A for Kingston
Fossil Plant.

Storm water Outfalls F6A, F13B, F16, and F18 were not sampled due to the lack of qualifying rain
events during the calendar year.

| Outfall Number | Average Value (mg/l) |
|----------------|----------------------|
| F7 | 0.86 |
| F15B | 0.84 |
| F17A | 0.86 |

If you have any questions about this report, please contact Cynthia McCowan at (865) 717-2180.

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 evaluate 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 fine and imprisonment for knowing violations.

Sincerely,

Michael T. Beckham
Plant Manager
TVA - Kingston Fossil Plant

MTB:cwm
Enclosures



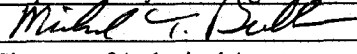
ANNUAL STORM WATER MONITORING REPORT

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|--|---------------------------|-----------------|----------------|
| Facility Name: | TVA Kingston Fossil Plant | TMSP Number: | TNR051787 |
| Contact Person: | Cynthia McCowan | Phone Number: | (865) 717-2180 |
| This report is submitted for the following calendar year (e.g. 2002): | 2007 | Outfall Number: | F7 |
| List all TMSP sectors which apply to discharge from this outfall: | O | Sample Date: | 6/19/2007 |
| Low Concentration Waiver (Note 3): list all parameters for which the facility is certifying that there has not been a significant change in industrial activity or the pollution prevention measures in the area of the facility that drains to the outfall for which sampling was waived: | | | |

In the spaces below, provide the results of storm water monitoring for the designated outfall. The parameters for which monitoring must be conducted depend on which industry sector(s) of the TMSP applies to the discharge. Look up your sector(s) in the permit and analyze for the parameters which apply. If parameter is not listed below, submit additional sheets. All samples should be collected by grab technique.

| Parameter | Cut-off Conc. (mg/L) | Annual Sample Result (mg/L) | Parameter (continued) | Cut-off Conc. (mg/L) | Annual Sample Result (mg/L) |
|-----------------|----------------------|-----------------------------|------------------------------|----------------------|-----------------------------|
| Aluminum, Total | | | Magnesium, Total | | |
| Ammonia | | | Mercury, Total | | |
| Arsenic, Total | | | Nickel, Total | | |
| BOD, 5-Day | | | Nitrate + Nitrite Nitrogen | | |
| Cadmium, Total | | | Oil and Grease | | |
| COD | | | pH | | |
| Copper, Total | | | Phosphorus, Total (as P) | | |
| Cyanide, Total | | | Selenium, Total | | |
| Fluoride | | | Silver, Total | | |
| Iron, Total | 5.0 | 0.86 | Total Suspended Solids (TSS) | | |
| Lead, Total | | | Zinc, Total | | |

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| | | |
|--|--|-------------|
| Michael T. Beckham, Plant Manager |  | |
| Printed Name and Title of Authorized Agent | Signature of Authorized Agent | Date 3/4/08 |

Instructions

- The purpose of this form is to report storm water (SW) monitoring results under the TMSP. Only 1 sample per calendar year is required (except Sectors J & H, for more details see the TMSP at www.tdec.net/permits/tmsp.htm). Grab samples should be collected within the first 30 minutes (or as soon thereafter as practical, but not to exceed one hour) of when the runoff or snowmelt begins discharging. A separate form must be submitted for each outfall. If more than 1 sample is collected at any outfall, submit the average results of all monitoring data (for calculating average, use 1/2 of a detection level, if parameter was not detected). New facilities must conduct sampling in the year during which permit coverage was obtained and during each following year. The completed form must be submitted by March 31 of the following year, e.g. monitoring required during 2002 calendar year is due by March 31, 2003.
- If the results of annual SW runoff monitoring demonstrate that the facility has exceeded the cut-off concentration(s), the permittee must inform the Division's local Environmental Assistance Center (EAC) in writing within 30 days from the time SW monitoring results were received, describing the likely cause of the exceedance(s). Furthermore, within 60 days from the time SW monitoring results were received, the facility must review its storm water pollution prevention plan (SWPPP), make any modifications or additions to the plan which would assist in reducing runoff concentrations to less than the monitoring cut-off concentrations for that parameter, and submit to the local EAC a summary of the proposed SWPPP modifications (including a timetable for implementation).
- Low Concentration Waiver - When the average concentration for a pollutant calculated from monitoring data collected from the first 4 calendar years of monitoring is less than the cut-off concentration, a facility may waive monitoring requirements in the last annual monitoring period. This form should be used for certification of low concentration waiver provision.

Complete, sign and date this form before it is submitted. Keep a copy of the completed form for your records.
Submit the original of the completed and signed form to:

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6th Floor L&C Annex, 401 Church Street
Nashville, TN 37243-1534**



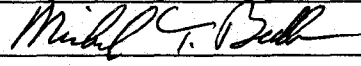
ANNUAL STORM WATER MONITORING REPORT

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| Facility Name: | TVA Kingston Fossil Plant | TMSP Number: | TNR051787 |
| Contact Person: | Cynthia McCowan | Phone Number: | (865) 717-2180 |
| This report is submitted for the following calendar year (e.g. 2002): | 2007 | Outfall Number: | F15B |
| List all TMSP sectors which apply to discharge from this outfall: | O | Sample Date: | 5/16/2007 |
| Low Concentration Waiver (Note 3): list all parameters for which the facility is certifying that there has not been a significant change in industrial activity or the pollution prevention measures in the area of the facility that drains to the outfall for which sampling was waived: | | | |

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| Ammonia | | | Mercury, Total | | |
| Arsenic, Total | | | Nickel, Total | | |
| BOD, 5-Day | | | Nitrate + Nitrite Nitrogen | | |
| Cadmium, Total | | | Oil and Grease | | |
| COD | | | pH | | |
| Copper, Total | | | Phosphorus, Total (as P) | | |
| Cyanide, Total | | | Selenium, Total | | |
| Fluoride | | | Silver, Total | | |
| Iron, Total | 5.0 | 0.84 | Total Suspended Solids (TSS) | | |
| Lead, Total | | | Zinc, Total | | |

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| Facility Name: | TVA Kingston Fossil Plant | TMSP Number: | TNR051787 |
| Contact Person: | Cynthia McCowan | Phone Number: | (865) 717-2180 |
| This report is submitted for the following calendar year (e.g. 2002): | 2007 | Outfall Number: | F17A |
| List all TMSP sectors which apply to discharge from this outfall: | 0 | Sample Date: | 6/19/2007 |
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| Cadmium, Total | | | Oil and Grease | | |
| COD | | | pH | | |
| Copper, Total | | | Phosphorus, Total (as P) | | |
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