

February 24, 2006

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

Dear Mr. Moran:

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

Enclosed are Annual Storm Water Monitoring Reports for outfalls F6A, F7, F13B, F15B, F16, F17A, and F18 for Kingston Fossil Plant. As referenced in the site Storm Water Pollution Prevention Plan, discharges from F17A, F17B, F17C, and F17D have been identified as substantially identical outfalls. Discharge F17A was sampled as the representative outfall for these areas.

Two outfalls, F13 and F13A were combined and renumbered as F18. This was effective August 15, 2005.

One outfall, F15B exceeded the cut-off concentration during this reporting period. The Knoxville Environmental Assistance Center was notified within 30 days of the exceedance. The corrective action plan was included with the exceedance notification.

If you have any questions about this report, please contact Linda Campbell at (865) 717-2157.

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.

February 24, 2006
Mr. Moran
Page 2

Sincerely,



Earl L. Deskins
Plant Manager
TVA - Kingston Fossil Plant

Enclosures
LFC/lfc

cc: G. G. Park, LP 5D-C
B. K. Ellis, MR-2T-C
EDMS, WT CA-K
File



Department of Environment and Conservation - Division of Water Pollution Control
Tennessee Multi-Sector General Permit (TMSP)

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA Kingston Fossil Plant	TMSP Number:	TNR051787
Contact Person:	Linda Campbell	Phone Number:	(865) 717-2157
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	F6A
List all TMSP sectors which apply to discharge from this outfall:	0	Sample Date:	04/12/2005
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	4.4	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

I certify under penalty of law that this document and all of its attachments were prepared under my direction or my supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Earl L. Deskins, Plant Manager	<i>Earl L. Deskins</i>	02/24/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

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.
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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
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Facility Name:	TVA Kingston Fossil Plant	TMSP Number:	TNR051787
Contact Person:	Linda Campbell	Phone Number:	(865) 717-2157
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	F7
List all TMSP sectors which apply to discharge from this outfall:	0	Sample Date:	04/12/2005
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	0.85	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

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Facility Name:	TVA Kingston Fossil Plant	TMSP Number:	TNR051787
Contact Person:	Linda Campbell	Phone Number:	(865) 717-2157
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	F18
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	09/16/2005
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	0.97	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

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ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA Kingston Fossil Plant	TMSP Number:	TNR051787
Contact Person:	Linda Campbell	Phone Number:	(865) 717-2157
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	F13B
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	09/16/2005
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	0.29	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

I certify under penalty of law that this document and all of its attachments were prepared under my direction or my supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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Contact Person:	Linda Campbell	Phone Number:	(865) 717-2157
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	F15B
List all TMSP sectors which apply to discharge from this outfall:	0	Sample Date:	09/16/2005
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Cadmium, Total			Oil and Grease		
COD			pH		
Copper, Total			Phosphorus, Total (as P)		
Cyanide, Total			Selenium, Total		
Fluoride			Silver, Total		
Iron, Total	5.0	33.0	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

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Contact Person:	Linda Campbell	Phone Number:	(865) 717-2157
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	F16
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	09/16/2005
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COD			pH		
Copper, Total			Phosphorus, Total (as P)		
Cyanide, Total			Selenium, Total		
Fluoride			Silver, Total		
Iron, Total	5.0	0.53	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

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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	0.19	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

I certify under penalty of law that this document and all of its attachments were prepared under my direction or my supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Earl L. Deskins, Plant Manager	<i>Earl L. Deskins</i>	02/24/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

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 demonstrates 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:

**Enforcement and Compliance Section
Division of Water Pollution Control
6th Floor L&C Annex, 401 Church Street
Nashville, TN 37243-1534**