February 2, 2007

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

Dear Mr. Janjic:

TENNESSEE VALLEY AUTHORITY (TVA) – KINGSTON FOSSIL PLANT -TENNESSEE MULTI-SECTOR GENERAL PERMIT FOR INDUSTRIAL ACTIVITY – TNR051787 – ANNUAL MONITORING REPORT - 2006

Enclosed are Annual Storm Water Monitoring Reports for outfalls F6A, F15B, and F18 for Kingston Fossil Plant.

One outfall, F6A exceeded the cut-off concentration during this reporting period. The Knoxville Environmental Field Office was notified within 30 days of the exceedance. The corrective action plan was included with the exceedance notification.

The Low Concentration Waiver is being applied to outfalls F7, F13B, F16, and F17A. These outfalls were not sampled during this reporting period because the average value for iron for the last four (4) years was less than the cutoff concentration of 5.0 mg/l. There has not been any significant change in industrial activity or pollution prevention measure to any of the outfalls in the table below.

Outfall Number	Average Value (mg/l)	Outfall Number	Average Value (mg/l)
F7	1.24	F16	0.48
F13B	2.40	F17A	0.24

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

February 2, 2007 Mr. Janjic Page 2

> 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,

Mihaf T. Ballan

Michael T. Beckham 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 subm	itted for the following of	calendar year (e.g. 20	02): 2006	Outfall Number:	F6A
List all TMSP secto	ors which apply to disci	harge from this outfall	l: O	Sample Date:	12/22/2006
that there has not be	een a significant change	e in industrial activity	ch the facility is certifying or the pollution prevention which sampling was waived:		<u> </u>
conducted depend of	on which industry secto	r(s) of the TMSP app	ng for the designated outfall. Th lies to the discharge. Look up yo bmit additional sheets. All sam	our sector(s) in the p	ermit and analyze for
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			рН		
Copper, Total			Phosphorus, Total (as P)		
Cyanide, Total		- // II	Selenium, Total		
Fluoride			Silver, Total		
Iron, Total	5.0	9.6	Total Suspended Solids (TSS)		· • • • •
Lead, Total			Zinc, Total		

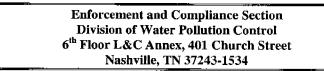
I certify under penalty of law that this document and all of its attachments were prepared under my direction or my supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who 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.

Michael T. Beckham, Plant Manager	Mihal T. Beskan	02/01/2007
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

### Instructions

- 1. 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 <u>www.tdec.net/permits/tmsp.htm</u>). 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 ½ 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.
- 2. 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).
- 3. 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:



CN-1115 (Rev 4-02)

RDAs 2399 and 2400



Iron, Total

Lead, Total

Michael T. Beckham, Plant Manager

Printed Name and Title of Authorized Agent

5.0

2.9

false information, including the possibility of fine and imprisonment for knowing violations.

### avironment 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): 2006		Outfall Number:	F18		
List all TMSP secto	ors which apply to disch	narge from this outfal	l: O	Sample Date:	12/22/2006
that there has not be measures in the area In the spaces below	een a significant change a of the facility that dra , provide the results of	e in industrial activity ins to the outfall for v storm water monitori	ch the facility is certifying or the pollution prevention which sampling was waived: ing for the designated outfall. lies to the discharge. Look u	The parameters for whi	ich monitoring must be
the parameters which	ch apply. If parameter	is not listed below, su	ibmit additional sheets. All s	amples should be collect	ted 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		

Instructions

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

Total Suspended Solids (TSS)

Signature of Authorized Agent

- 1. 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 <u>www.tdec.net/permits/tmsp.htm</u>). 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 tunoff 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 ½ 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.
- 2. 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).
- 3. 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.

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CN-1115 (Rev 4-02)

RDAs 2399 and 2400

02/01/2007

Date



## avironment and Conservation - Division of Water Pollution Control Tennessee Multi-Sector General Permit (TMSP) ANNUAL STORM WATER MONITORING REPORT

Contact Person: Linda Campbell	Phone Number:	(865) 717-2157	
This report is submitted for the following calendar year (e.g. 2002):	Outfall Number:	F15B	
List all TMSP sectors which apply to discharge from this outfall: O		Sample Date:	12/22/2006
Low Concentration Waiver (Note 3): list all parameters for which the faci- that there has not been a significant change in industrial activity or the po- measures in the area of the facility that drains to the outfall for which same			

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			Nitratc + Nitrite Nitrogen		
Cadmium, Total			Oil and Grease		
COD			рН		
Copper, Total			Phosphorus, Total (as P)		
Cyanide, Total			Selenium, Total		·
Fluoride			Silver, Total		
Iron, Total	5.0	0.55	Total Suspended Solids (TSS)		
Lead, Total			Zinc, Total		

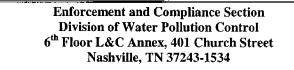
I certify under penalty of law that this document and all of its attachments were prepared under my direction or my supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who 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.

Michael T. Beckham, Plant Manager	Milas C. Ballion	02/01/2007
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

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