

ENVIRONMENTAL DOCUMENT TYPE:
KIF/NPDES Correspondence
(2008 DMR-QA Study 28)



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

August 28, 2008

Mr. Vojin Janjic
TDEC - Division of Water Pollution Control
6th Floor, L&C Annex
401 Church Street
Nashville, Tennessee 37243-1534


Dear Mr. Janjic:

TENNESSEE VALLEY AUTHORITY (TVA) - KINGSTON FOSSIL PLANT - NPDES PERMIT NO.
TN0005452

Enclosed is a copy of the United States Environmental Protection Agency, DMR-QA Study 28
Data Reporting Forms for both chemistry and toxicity studies.

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

Sincerely,


Ronald C. Hall
Plant Manager
Kingston Fossil Plant

RCH/cm
Enclosures



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Sincerely,

A handwritten signature in black ink, appearing to read 'Ronald C. Hall'.

Ronald C. Hall
Plant Manager
Kingston Fossil Plant

RCH/cm
Enclosures

cc: G. G. Park - LP 5D-C
EDMS - WT CA-K
Plant File

USEPA DMR-QA 28

NPDES PERMITTEE DATA REPORT FORM



USEPA NPDES TN0005452

Permit #:

Permit Ext:

Permittee Name: TVA Kingston Fossil Plant

Facility Address:

City:

State:

Postal Code:

Phone Number: 865-717-2180

Fax Number: 865-717-2505

E-mail address: cowebb@tva.gov

For DMR-QA Study 27, conducted in 2007, the Permittee:

Received Samples

Yes No

Submitted Data

Yes No

Received a Report in Response

Yes No

Certification by Permit Holder or Authorized Representative

(as per 40 C.F.R. Section 122.22)

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 gather and evaluate 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. Each reported value was produced from a single analytical run using the analytical system that routinely performs these analyses to produce compliance monitoring data required under our National Pollutant Discharge Elimination System (NPDES) Permit. Neither I nor any of my subordinates compared our results from independent analyses conducted by us or any other laboratory before we reported our results to the USEPA. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of

Certifying Official: Ronald C. Hall

Title: Plant Manager

Signature:

Date Signed: 8/28/2008

Mailing Address: 714 Swan Pond Road

(enter only if different from address above)

City: Harriman

State: TN

Postal Code: 37748-8327

Phone Number: 865-717-2180

E-mail address: cowebb@tva.gov

Please make corrections in boxes above

TVA-00025797

United States

ENVIRONMENTAL PROTECTION AGENCY



Laboratory Performance Evaluation
 Laboratory DMR-QA Evaluation Study 28

USEPA NPDES Permit #: TN0005452

Permit Ext:

Identification of all CHEM, MICRO and TOX laboratories who did analyses for this permit

Name of Laboratory	Address of Laboratory	U.S. EPA Lab Code	Lab Analysis			Lab Type
			Check box(es) that apply			
			CHEM	MICRO	TOX	
Environmental Science Corp	12065 Lebanon Rd. Mt Juliet, TN 37122	TN00003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C
Environmental Testing Solutions, Inc.	PO Box 7565 Asheville, NC 28802-7565	NC01230	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	C
TVA Environmental Research Center	CTR 2L - M Reservation Rd Muscle Shoals, AL 35662	AL01016	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F
TVA Kingston Fossil Plant	714 Swan Pond Rd. Harriman, TN 37748	TN01007	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F

Lab Types: C = Commercial F = Federal G = Local Government I = Industrial O = Other S = State

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DMRQA-28 Data Reporting Form

NPDES Permit #: TN0005452

Permittee Name: TVA Kingston Fossil Plant

Laboratory: TVA Environmental Research Center

USEPA Lab Code: AL01016

Customer Number: T203304

Anal. No.	Analyte	Result	Units	Method Description	Analysis Date MM/DD/YYYY	Report* For DMRQA
Total Residual Chlorine						
0098	Total Residual Chlorine	0.80	mg/L	HACH 8167	07/10/2008	<input checked="" type="checkbox"/>

*** For Permittee Use Only:**

Place an "X" in the box to the right of each analyte that is required in routine NPDES monitoring and should be included on the final permittee report.



All analytes are included in ERA's A2LA accreditation. Lab Code: 1539-01





DMRQA-28 Data Reporting Form

NPDES Permit #: TN0005452

Permittee Name: TVA Kingston Fossil Plant

Laboratory: Environmental Testing Solutions, Inc.

USEPA Lab Code: NC01230

Customer Number: E559701

Anal. No.	Test Conditions / Endpoint	Result	Units	Method Description	Analysis Date MM/DD/YYYY	Report* For DMRQA
Fathead minnow (Test Code 15)						
0808	IC25 (ON) Growth	31.5	%	EPA1000.0	05/20/2008	<input checked="" type="checkbox"/>
Ceriodaphnia dubia (Test Code 21)						
0767	IC25 Reproduction	31.3	%	EPA1002.0	05/13/2008	<input checked="" type="checkbox"/>

* For Permittee Use Only:

Place an "X" in the box to the right of each analyte that is required in routine NPDES monitoring and should be included on the final permittee report.



All analytes are included in ERA's A2LA accreditation. Lab Code: 1539-01





WP-162 Data Reporting Form

NPDES Permit #: TN0005452

Permittee Name: TVA Kingston Fossil Plant

Laboratory: Environmental Science Corp

USEPA Lab Code: TN00003

Customer Number: E552301

Anal. No.	Analyte	Result	Units	Method Description	Analysis Date MM/DD/YYYY	Report* For DMRQA
Hardness						
0072	Non-Filterable Residue (TSS)	70.5	mg/L	EPA 160.2	07/22/2008	<input checked="" type="checkbox"/>
Simple Nutrients						
0031	Ammonia as N	10.8	mg/L	EPA 350.1	08/06/2008	<input checked="" type="checkbox"/>
Oil & Grease						
0104	Oil & Grease (Gravimetric)	45.2	mg/L	EPA 1664A SPE	08/19/2008	<input checked="" type="checkbox"/>
Trace Metals						
0007	Copper	331.	µg/L	EPA 200.7	08/14/2008	<input checked="" type="checkbox"/>
0008	Iron	1740.	µg/L	EPA 200.7	08/15/2008	<input checked="" type="checkbox"/>

*** For Permittee Use Only:**

Place an "X" in the box to the right of each analyte that is required in routine NPDES monitoring and should be included on the final permittee report.



All analytes are included in ERA's A2LA accreditation. Lab Code: 1539-01





DMRQA-28 Data Reporting Form

NPDES Permit #: TN0005452

Permittee Name: TVA Kingston Fossil Plant

Laboratory: TVA Kingston Fossil Plant

USEPA Lab Code: TN01007

Customer Number: T815501

Anal. No.	Analyte	Result	Units	Method Description	Analysis Date MM/DD/YYYY	Report For DMRQA
pH						
0019	pH	6.79	S.U.	EPA 150.1	05/20/2008	<input checked="" type="checkbox"/>

*** For Permittee Use Only:**

Place an "X" in the box to the right of each analyte that is required in routine NPDES monitoring and should be included on the final permittee report.



All analytes are included in ERA's A2LA accreditation. Lab Code: 1539-01

