



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37384-2000

February 22, 2006

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

SEQUOYAH NUCLEAR PLANT – TENNESSEE MULTI-SECTOR GENERAL PERMIT (TMSP)
ANNUAL STORM WATER MONITORING REPORT FOR 2005

Enclosed is the 2005 Annual Storm Water Monitoring Report for Sequoyah Nuclear Plant TMSP TNR050015. Please contact me at (423) 843-6700 if you have any questions or comments.

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.

Sincerely,

Stephanie A. Howard
Principal Environmental Engineer
Signatory Authority for
J. Randy Douet
Site Vice President
Sequoyah Nuclear Plant

Enclosure

cc (Enclosure):

Chattanooga Environmental Assistance Center
Division of Water Pollution Control
State Office Building, Suite 550
540 McCallie Avenue
Chattanooga, Tennessee 37402-2013

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

JE25

SQN 0	QUARTERLY STORM WATER SAMPLING	0-PI-ENV-000-019.Q Rev 4 Page 12 of 14
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**APPENDIX D
CERTIFICATION AND SIGNATURE**

"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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature: Stephanie A. Howard

Date: 2/22/06

Name: Stephanie A. Howard

Title: Principal Environmental Engineer

Signatory Authority for: J. Randy Douet

Site Vice President

Sequoyah Nuclear Plant

SQN 0	QUARTERLY STORM WATER SAMPLING	0-PI-ENV-000-019.Q Rev 4 Page 13 of 14
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APPENDIX E

REPRESENTATIVE DISCHARGE OF STORM WATER POINTS

Storm Water Outfall # 8 is considered to be a representative discharge of Storm Water Outfall # 5 based on a consideration of industrial activity, significant materials, and management practices and activities within the area drained by the Outfall. Storm Water Outfall # 5 consists of approximately 17 acres (740,523 ft²). The runoff coefficient for this area is equivalent to that for Storm Water Outfall # 8 based on the percentages of gravel, asphalt, and impervious surfaces. Storm Water Outfall # 5 drains into the effluent for Storm Water Outfall # 8 and there is no dilution of this storm water with any non-storm water source. Therefore, this effluent should be substantially identical to that effluent from Storm Water Outfall # 8.

Storm Water Outfall # 6 is considered to be a representative discharge of Storm Water Outfall # 7 based on a consideration of industrial activity, significant materials, and management practices and activities within the area drained by the Outfall. Storm Water Outfall # 7 consists of approximately 6 acres (261,361 ft²). The runoff coefficient for this area is equivalent to that for Storm Water Outfall # 6 based on the percentages of gravel, asphalt, and impervious surfaces. Materials in the area are also equivalent to that for Storm Water Outfall # 6. These consist of empty drums, metal buildings, construction equipment, concrete structures, wood and plastic similar to that equipment stored for in the area of Storm Water Outfall # 6. This effluent should be substantially identical to that effluent from Storm Water Outfall # 6.

Storm Water Outfall # 4 is considered to be a representative discharge of Storm Water Outfall # 10 based on a consideration of industrial activity, significant materials, and management practices and activities within the area drained by the Outfall. Storm Water Outfall # 10 consists of approximately 10 acres (435,602 ft²). The runoff coefficient for this area is equivalent to that for Storm Water Outfall # 4 based on the percentages of gravel, asphalt, and impervious surfaces. Material storage is also equivalent to that for Storm Water Outfall # 4. This consists of equipment for later use, metal buildings, concrete structures, wood and plastic similar to that equipment stored for in the area of Storm Water Outfall # 4. This effluent should be substantially identical to that effluent from Storm Water Outfall # 4.

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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature Stephanie A. Howard
Stephanie A. Howard
Principal Environmental Engineer
Signatory Authority for
J. Randy Douet
Site Vice President
Sequoyah Nuclear Plant

Date 2/22/06

SQN 0	QUARTERLY STORM WATER SAMPLING	0-PI-ENV-000-019.Q Rev 4 Page 14 of 14
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APPENDIX F ALTERNATIVE CERTIFICATION OF STORM WATER POINTS

Material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, industrial machinery or operations, significant materials from past industrial activity that are located in areas of the facility within the drainage area of the Storm Water Outfall Numbers 12, 13, 14, and 20 are not presently exposed to storm water and are not expected to be exposed to storm water for the certification period.

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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature Stephanie A. Howard

Date 2/22/06

Stephanie A. Howard
Principal Environmental Engineer
Signatory Authority for
J. Randy Douet
Site Vice President
Sequoyah Nuclear Plant



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA -- Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 1
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	4/26/05 & 11/14/05
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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	0.65	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

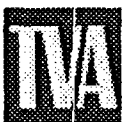
Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

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 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.
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:

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



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050502-151319

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Program Administrator

SB 2A-SQN

Phone: Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #1

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF18495

LRF ID: 05040497

Matrix: Water

Date Collected: 04/26/2005

Time Collected: 13:50 EST

Date Received: 04/27/2005

Time Received: 10:00

Project Manager: James W. Dillard

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number ¹	Result	Units	MDL ²	Analysis Date	Analysis Time	Method Analyst	Reference
Metals Digestion for ICP		Complete			04/28/2005	15:08	ALG	
Iron, Total	7439-89-6	0.32	mg/L	0.01	04/29/2005	21:58	LMJ	EPA 200.7

Sample Comments: None



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 051123-193534

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Program Administrator

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #1

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF41062

LRF ID: 05110243

Matrix: Water

Date Collected: 11/14/2005

Time Collected: 13:05 EST

Date Received: 11/16/2005

Time Received: 11:18

Project Manager: James W. Dillard

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Analyst	Method Reference
Iron, Total	7439-89-6	0.98	mg/L	0.01	11/21/2005	13:12	BRJ	EPA 200.7
Metals Digestion for ICP		Complete			11/19/2005	9:38	MAA	

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW #2
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	0.94	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

Instructions

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



**TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES**

**1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801**

Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #2

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF05251

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 14:49 EST

Date Received: 01/14/2005

Time Received: 8:50

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	0.94	mg/L	0.01	01/21/2005	16:59	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 3
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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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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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	2.2	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

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Data Report Number: 050124-155703
Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #3

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF05252

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 14:35 EST

Date Received: 01/14/2005

Time Received: 8:50

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ¹	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	2.2	mg/L	0.01	01/21/2005	17:07	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 4
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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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Aluminum, Total	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	2.2	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Donet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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.
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:

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



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703
Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt
SB 2A-SQN
Phone Not Available
Fax : Not Available
E-Mail: SQN Environmental; EDM
Location Code: SQN
Field ID: SW #4

Sample Description: IRON
Permit Number:
Discharge Number:
Method of Transport:
Cont. Flow (MGD):

Sample ID: AF05253

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 14:25 EST

Date Received: 01/14/2005

Time Received: 8:50

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	2.2	mg/L	0.01	01/21/2005	17:16	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA -- Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 6
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	2.8	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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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1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703
Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #6

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF05254

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 14:39 EST

Date Received: 01/14/2005

Time Received: 8:50

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	2.8	mg/L	0.01	01/21/2005	17:19	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 8
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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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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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	0.77	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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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6th Floor L&C Annex, 401 Church Street
Nashville, TN 37243-1534**



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CENTRAL LABORATORIES SERVICES**
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt	Sample ID: AF05255
SB 2A-SQN	LRF ID: 05010296
Phone Not Available	Matrix: Water
Fax : Not Available	Date Collected: 01/13/2005
E-Mail: SQN Environmental; EDM	Time Collected: 14:45 EST
Location Code: SQN	Date Received: 01/14/2005
Field ID: SW #8	Time Received: 8:50
Sample Description: IRON	Project Manager: Ricardo I. Gilbert
Permit Number:	Plant: SQN
Discharge Number:	Project Account Code: 001DGVH
Method of Transport:	Regulation: NPDES
Cont. Flow (MGD):	pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	0.77	mg/L	0.01	01/21/2005	17:22	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 9
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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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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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	1.6	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

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Nashville, TN 37243-1534



**TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES**
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703
Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #9

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF05256

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 14:43 EST

Date Received: 01/14/2005

Time Received: 8:50

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	1.6	mg/L	0.01	01/21/2005	17:26	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA -- Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 11
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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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Aluminum, Total	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
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Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	0.63	Total Suspended Solids (TSS)	200	N/A
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Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

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CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt
SB 2A-SQN
Phone: Not Available
Fax: Not Available
E-Mail: SQN Environmental; EDM
Location Code: SQN
Field ID: SW #11

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

pH (Field):

Sample ID: AF05257

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 14:56 EST

Date Received: 01/14/2005

Time Received: 8:49

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	0.63	mg/L	0.01	01/21/2005	17:28	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 15
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	1.5	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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.
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:

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



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703
Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt
SB 2A-SQN
Phone Not Available
Fax : Not Available
E-Mail: SQN Environmental; EDM
Location Code: SQN
Field ID: SW #15

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

pH (Field):

Sample ID: AF05258

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 15:38 EST

Date Received: 01/14/2005

Time Received: 8:49

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	1.5	mg/L	0.01	01/21/2005	17:31	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 16
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	4/26/05 & 11/14/05
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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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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	0.765	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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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**Enforcement and Compliance Section
Division of Water Pollution Control
6th Floor L&C Annex, 401 Church Street
Nashville, TN 37243-1534**



**TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES**

**1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801**

Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050502-151319

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Program Administrator

SB 2A-SQN

Phone: Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #16

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

pH (Field):

Sample ID: AF18496

LRF ID: 05040497

Matrix: Water

Date Collected: 04/26/2005

Time Collected: 13:35 EST

Date Received: 04/27/2005

Time Received: 10:00

Project Manager: James W. Dillard

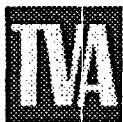
Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

Analyte	CAS Number ¹	Result	Units	MDL ²	Analysis Date	Analysis Time	Analyst	Method Reference
Metals Digestion for ICP		Complete			04/28/2005	15:08	ALG	
Iron, Total	7439-89-6	0.43	mg/L	0.01	04/29/2005	22:02	LMJ	EPA 200.7

Sample Comments: None



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 051123-193534
Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Program Administrator

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #16

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

pH (Field):

Sample ID: AF41063

LRF ID: 05110243

Matrix: Water

Date Collected: 11/14/2005

Time Collected: 13:30 EST

Date Received: 11/16/2005

Time Received: 11:18

Project Manager: James W. Dillard

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Analyst	Method Reference
Iron, Total	7439-89-6	1.1	mg/L	0.01	11/21/2005	13:17	BRJ	EPA 200.7
Metals Digestion for ICP		Complete			11/19/2005	9:38	MAA	

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 17
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	4/26/05 & 11/14/05
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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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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	0.675	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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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TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050502-151319

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Program Administrator

SB 2A-SQN

Phone: Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #17

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF18497

LRF ID: 05040497

Matrix: Water

Date Collected: 04/26/2005

Time Collected: 13:42 EST

Date Received: 04/27/2005

Time Received: 10:00

Project Manager: James W. Dillard

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number ¹	Result	Units	MDL ²	Analysis Date	Analysis Time	Method Analyst	Reference
Metals Digestion for ICP		Complete			04/28/2005	15:08	ALG	
Iron, Total	7439-89-6	0.35	mg/L	0.01	04/29/2005	22:07	LMJ	EPA 200.7

Sample Comments: None



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 051123-193534
Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Program Administrator

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #17

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

pH (Field):

Sample ID: AF41064

LRF ID: 05110243

Matrix: Water

Date Collected: 11/14/2005

Time Collected: 13:18 EST

Date Received: 11/16/2005

Time Received: 11:18

Project Manager: James W. Dillard

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Iron, Total	7439-89-6	1.0	mg/L	0.01	11/21/2005	13:22	BRJ EPA 200.7
Metals Digestion for ICP		Complete			11/19/2005	9:38	MAA

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 18
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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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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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	1.4	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

Instructions

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Nashville, TN 37243-1534**



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt
SB 2A-SQN
Phone: Not Available
Fax: Not Available
E-Mail: SQN Environmental; EDM
Location Code: SQN
Field ID: SW #18

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

pH (Field):

Sample ID: AF05259

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 15:12 EST

Date Received: 01/14/2005

Time Received: 8:49

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	1.4	mg/L	0.01	01/21/2005	17:34	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 19
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	2.6	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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.
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:**

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



TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt

SB 2A-SQN

Phone: Not Available

Fax: Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #19

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

pH (Field):

Sample ID: AF05260

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 15:10 EST

Date Received: 01/14/2005

Time Received: 8:49

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	2.6	mg/L	0.01	01/21/2005	17:37	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 21
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	3.0	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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.
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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6th Floor L&C Annex, 401 Church Street
Nashville, TN 37243-1534



**TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES**

**1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801**

Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Data Report Number: 050124-155703

Report of Results: NPDES

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #21

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF05261

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 15:30 EST

Date Received: 01/14/2005

Time Received: 8:49

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	3.0	mg/L	0.01	01/21/2005	17:39	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 22
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	1.9	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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.

Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
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 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.
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).
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Division of Water Pollution Control
6th Floor L&C Annex, 401 Church Street
Nashville, TN 37243-1534**


**TENNESSEE VALLEY AUTHORITY
CENTRAL LABORATORIES SERVICES**
**1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801**

Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

Shipping Address:

 Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt

SB 2A-SQN

Phone Not Available

Fax : Not Available

E-Mail: SQN Environmental; EDM

Location Code: SQN

Field ID: SW #22

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF05262

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 15:26 EST

Date Received: 01/14/2005

Time Received: 8:49

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ²	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	1.9	mg/L	0.01	01/21/2005	17:42	LMJ EPA 200.7

Sample Comments: None



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

ANNUAL STORM WATER MONITORING REPORT

Facility Name:	TVA - Sequoyah Nuclear Plant	TMSP Number:	TNR050015
Contact Person:	Stephanie A. Howard	Phone Number:	423 843-6700
This report is submitted for the following calendar year (e.g. 2002):	2005	Outfall Number:	SW # 23
List all TMSP sectors which apply to discharge from this outfall:	O	Sample Date:	1/13/2005
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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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	0.75	N/A	Magnesium, Total	0.0636	N/A
Ammonia	4.0	N/A	Mercury, Total	0.0024	N/A
Arsenic, Total	0.16854	N/A	Nickel, Total	2.679	N/A
BOD, 5-Day	30	N/A	Nitrate + Nitrite Nitrogen	0.68	N/A
Cadmium, Total	0.0159	N/A	Oil and Grease	15	N/A
COD	120	N/A	pH	5.0-9.0	N/A
Copper, Total	0.0636	N/A	Phosphorus, Total (as P)	2.0	N/A
Cyanide, Total	0.064	N/A	Selenium, Total	0.2385	N/A
Fluoride	1.8	N/A	Silver, Total	0.032	N/A
Iron, Total	5.0	3.9	Total Suspended Solids (TSS)	200	N/A
Lead, Total	0.156	N/A	Zinc, Total	0.395	N/A

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Stephanie A. Howard, Principal Environmental Engineer - Signatory Authority for J. Randy Douet Site Vice President Sequoyah Nuclear Plant	<i>Stephanie A. Howard</i>	2/22/2006
Printed Name and Title of Authorized Agent	Signature of Authorized Agent	Date

Instructions

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



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CENTRAL LABORATORIES SERVICES
1101 Market Street, PSC 1B-C
Chattanooga, Tennessee 37402-2801**
Phone: (423) 876 - 4318 • Fax: (423) 876 - 4137

**Data Report Number: 050124-155703
Report of Results: NPDES**

Shipping Address:
Chickamauga Power Service Center
North Side Chickamauga Reservation
Chattanooga, Tennessee 37415

NPDES Final Data Report

Customer Address: Ann Hurt
SB 2A-SQN
Phone : Not Available
Fax : Not Available
E-Mail: SQN Environmental; EDM
Location Code: SQN
Field ID: SW #23

Sample Description: IRON

Permit Number:

Discharge Number:

Method of Transport:

Cont. Flow (MGD):

Sample ID: AF05263

LRF ID: 05010296

Matrix: Water

Date Collected: 01/13/2005

Time Collected: 15:20 EST

Date Received: 01/14/2005

Time Received: 8:49

Project Manager: Ricardo I. Gilbert

Plant: SQN

Project Account Code: 001DGVH

Regulation: NPDES

pH (Field):

Analyte	CAS Number	Result	Units	MDL ¹	Analysis Date	Analysis s	Method Analyst Reference
Metals Digestion for ICP		Complete			01/19/2005	12:51	MAA
Iron, Total	7439-89-6	3.9	mg/L	0.01	01/21/2005	17:52	LMJ EPA 200.7

Sample Comments: None