



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.

Stevenson, AL 35772

Report Summary

Thursday January 15, 2009

Report Number: L383104

Samples Received: 01/12/09

Client Project: NPDES

Description: WCFP

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Roberto Celis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Where applicable, sampling conducted by ESC is performed per guidance provided
in laboratory standard operating procedures: 060302, 060303, and 060304.

5 Samples Reported: 01/15/09 09:49 Printed: 01/15/09 12:05

Page 1 of 8



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-CRB-SW-52-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:13

ESC Sample # : L383104-01
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.9	mg/l	1664A	01/13/09 0411	78	01/13/09 1127	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
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2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP

ESC Sample # : L383104-02

Sample ID : TVA-CRB-SW-52-20090112

Site ID : 0192954

Collected By : Ricky Smith
Collection Date : 01/12/09 09:05

Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Arsenic	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Barium	0.018	0.0020	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Chromium	0.0014	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Copper	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Lead	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Nickel	0.0012	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Selenium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Silver	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Zinc	BDL	0.010	mg/l	200.8	01/12/09	1816	457 01/13/09 0938	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	0034	261 01/13/09 1524	CLF
Aluminum	0.67	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT
Calcium	26.	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT
Iron	0.41	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT
Magnesium	3.3	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT
Manganese	0.035	0.010	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT
Potassium	1.1	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT
Sodium	1.1	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT
Vanadium	BDL	0.010	mg/l	200.7	01/12/09	1623	117 01/13/09 0945	LAT

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-CRB-SW-52-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:07

ESC Sample # : L383104-03
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.58	0.10	mg/l	351.2	01/13/09	1017	236 01/14/09 0937	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-CRB-SW-52-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:11

ESC Sample # : L383104-04
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.41	0.10	mg/l	300.0	01/14/09 0752	159	01/14/09 1313	MCH
Sulfate	8.1	5.0	mg/l	300.0	01/14/09 0752	159	01/14/09 1313	MCH
pH	7.6		su	4500H-B	01/13/09 0841	397	01/14/09 1018	TWF
Dissolved Solids	81.	10.	mg/l	2540C	01/13/09 0659	36	01/14/09 1343	MF
Suspended Solids	3.4	1.0	mg/l	2540D	01/13/09 0658	36	01/13/09 1405	MF

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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L383104-04 (PH) - 7.6@16.5c



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January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-CRB-SW-52-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:09

ESC Sample # : L383104-05
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	150	20.	mg/l	410.4	01/13/09 0633	234	01/14/09 0824	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/13/09 1230	236	01/13/09 1625	LEM
Nitrate-Nitrite	0.36	0.10	mg/l	353.2	01/13/09 1013	165	01/14/09 0937	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/12/09 1538	236	01/13/09 0252	LEM
TOC (Total Organic Carbon)	1.6	1.0	mg/l	5310B	01/12/09 1817	162	01/13/09 1149	KSG

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-CRB-SW-57-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:19

ESC Sample # : L383296-01
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 1851	78	01/14/09 1032	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :

ESC Sample # : L383296-02

Sample ID : TVA-CRB-SW-57-20090112

Site ID : 0192954

Collected By : Ray Duncan
Collection Date : 01/12/09 15:15

Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Arsenic	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Barium	0.020	0.0020	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Chromium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Copper	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Lead	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Nickel	0.0013	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Selenium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Silver	BDL	0.00050	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Thallium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09	1151 LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	1717	429 01/14/09	1044 ARF
Aluminum	0.44	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Calcium	25.	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Iron	0.36	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Magnesium	3.3	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Manganese	0.030	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Potassium	0.80	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Sodium	1.4	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Vanadium	BDL	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO
Zinc	BDL	0.030	mg/l	200.7	01/13/09	1650	117 01/14/09	1257 ICO

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :

Sample ID : TVA-CRB-SW-57-20090112

Collected By : Ray Duncan
Collection Date : 01/12/09 15:16

ESC Sample # : L383296-03

Site ID : 0192954

Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.71	0.10	mg/l	351.2	01/14/09 1017	236	01/15/09 1424	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-CRB-SW-57-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:18

ESC Sample # : L383296-04
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.42	0.10	mg/l	300.0	01/13/09	2216	159 01/14/09 0457	MCH
Sulfate	8.5	5.0	mg/l	300.0	01/13/09	2216	159 01/14/09 0457	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/14/09	1658	01/15/09 0000	DTH
pH	7.9		su	4500H-B	01/14/09	1201	183 01/14/09 1700	TWF
Dissolved Solids	110	10.	mg/l	2540C	01/13/09	1643	193 01/15/09 1422	AMS
Suspended Solids	2.8	1.0	mg/l	2540D	01/13/09	1646	193 01/14/09 0738	AMS

BDL - Below Detection Limit

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L383296-04 (PH) - 7.9@18.8c



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January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-CRB-SW-57-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:17

ESC Sample # : L383296-05
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	74.	20.	mg/l	410.4	01/14/09 1512	234	01/15/09 1418	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/14/09 1354	245	01/15/09 1219	LEM
Nitrate-Nitrite	0.48	0.10	mg/l	353.2	01/14/09 1416	165	01/15/09 0856	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1949	245	01/14/09 0328	LEM
TOC (Total Organic Carbon)	1.7	1.0	mg/l	5310B	01/13/09 1808	162	01/15/09 0029	ADH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 13, 2009

Date Received : 01/12/09 16:00
Description :
Sample ID : DSN-001
Collected By : Ricky Smith
Collection Date : 01/12/09 11:49

ESC Sample # : L383099-01
Site ID : WCF-ZB205PY
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	6.2	mg/l	1664A	01/13/09 0411	78	01/13/09 1125	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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Est. 1970

REPORT OF ANALYSIS

Ricky Smith
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 14, 2009

Date Received : 01/12/09 16:00
Description :
Sample ID : DSN-001
Collected By : Ricky Smith
Collection Date : 01/12/09 11:52

ESC Sample # : L383100-01
Site ID : WCF-ZB205PY
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Arsenic	0.017	0.0050	mg/l	200.8	01/12/09 1515	428	01/13/09 1858	LAT
Copper	BDL	0.0050	mg/l	200.8	01/12/09 1515	428	01/13/09 1858	LAT
Iron	0.48	0.10	mg/l	200.7	01/12/09 1623	117	01/13/09 0938	LAT

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Ricky Smith
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 14, 2009

Date Received : 01/12/09 16:00
Description :
Sample ID : DSN-001
Collected By : Ricky Smith
Collection Date : 01/12/09 11:53

ESC Sample # : L383101-01
Site ID : WCF-ZB205PY
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/13/09 1230	236	01/13/09 1621	LEM
Nitrate-Nitrite	0.32	0.10	mg/l	353.2	01/13/09 1013	165	01/14/09 0933	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/12/09 1538	236	01/13/09 0249	LEM

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Ricky Smith
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 14, 2009

Date Received : 01/12/09 16:00
Description :
Sample ID : DSN-001
Collected By : Ricky Smith
Collection Date : 01/12/09 11:50

ESC Sample # : L383102-01
Site ID : WCF-ZB205PY
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Suspended Solids	11.	1.0	mg/l	2540D	01/13/09 0658	36	01/13/09 1405	MF

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : DSN 008-50-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:03

ESC Sample # : L383107-01
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 0411	78	01/13/09 1124	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

Notes:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : DSN 008-50-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:55

ESC Sample # : L383107-02
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	0.013	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Arsenic	0.062	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Barium	0.15	0.0020	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Chromium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Copper	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Lead	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1015 LAT
Lead	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1015 LAT
Nickel	0.028	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Selenium	0.21	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Silver	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Thallium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1015 LAT
Thallium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09	1015 LAT
Zinc	0.022	0.010	mg/l	200.8	01/12/09	1816	457 01/13/09	1712 LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	0036	261 01/13/09	1557 CLF
Aluminum	1.2	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT
Calcium	700	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT
Iron	0.71	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT
Magnesium	65.	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT
Manganese	0.52	0.010	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT
Potassium	15.	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT
Sodium	23.	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT
Vanadium	0.075	0.010	mg/l	200.7	01/12/09	1804	117 01/13/09	1208 LAT

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : DSN 008-50-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:56

ESC Sample # : L383107-03
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	1.4	0.10	mg/l	351.2	01/13/09	1017	236 01/14/09 0940	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

January 15, 2009

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : DSN 008-50-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:58

ESC Sample # : L383107-04
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.38	0.10	mg/l	300.0	01/14/09 0752	159	01/14/09 1423	MCH
Sulfate	1700	100	mg/l	300.0	01/14/09 0752	159	01/14/09 1457	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/13/09 1529	244	01/14/09 0000	DTH
pH	7.8		su	4500H-B	01/13/09 0841	397	01/14/09 1018	TWF
Dissolved Solids	3200	10.	mg/l	2540C	01/13/09 0659	36	01/14/09 1344	MF
Suspended Solids	27.	1.0	mg/l	2540D	01/13/09 0658	36	01/13/09 1405	MF

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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L383107-04 (PH) - 7.8@17.0c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : DSN 008-50-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:06

ESC Sample # : L383107-05
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	180	20.	mg/l	410.4	01/13/09 0633	234	01/14/09 0824	LLJ
Ammonia Nitrogen	0.19	0.10	mg/l	350.1	01/13/09 1230	236	01/13/09 1630	LEM
Nitrate-Nitrite	0.43	0.10	mg/l	353.2	01/13/09 1013	165	01/14/09 0941	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1015	236	01/13/09 1455	LEM
TOC (Total Organic Carbon)	1.2	1.0	mg/l	5310B	01/12/09 1817	162	01/13/09 1149	KSG

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : DSN 008-56-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:10

ESC Sample # : L383295-01
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.9	mg/l	1664A	01/13/09 1851	78	01/14/09 1030	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : DSN 008-56-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:02

ESC Sample # : L383295-02
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	0.012	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Arsenic	0.054	0.010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Arsenic	0.030	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Barium	0.14	0.0020	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Cadmium	0.0029	0.00050	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Chromium	BDL	0.010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Chromium	0.0031	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Cobalt	BDL	0.010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Cobalt	0.0011	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Copper	BDL	0.010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Copper	0.0022	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Lead	0.0011	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Nickel	0.018	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Nickel	0.036	0.010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Selenium	0.20	0.010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Selenium	0.11	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Silver	BDL	0.00050	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Thallium	BDL	0.010	mg/l	200.8	01/13/09	1657	117 01/14/09 1148	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	1717	429 01/14/09 1041	ARF
Aluminum	1.1	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Calcium	720	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Iron	0.56	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Magnesium	65.	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Manganese	0.58	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Potassium	13.	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Sodium	22.	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Vanadium	0.054	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO
Zinc	BDL	0.030	mg/l	200.7	01/13/09	1650	117 01/14/09 1252	ICO

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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Est. 1970

REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : DSN 008-56-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 17:09

ESC Sample # : L383295-03
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.93	0.10	mg/l	351.2	01/14/09 1017	236	01/15/09 1422	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

January 15, 2009

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

Date Received : 01/13/09 15:50
Description :
Sample ID : DSN 008-56-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:06

ESC Sample # : L383295-04
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.51	0.10	mg/l	300.0	01/13/09	1016	159 01/14/09 0440	MCH
Sulfate	1700	100	mg/l	300.0	01/13/09	1639	159 01/14/09 1639	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/14/09	1658	01/15/09 0000	DTH
pH	7.8		su	4500H-B	01/14/09	1201	183 01/14/09 1700	TWF
Dissolved Solids	3100	10.	mg/l	2540C	01/13/09	1643	193 01/15/09 1421	AMS
Suspended Solids	27.	1.0	mg/l	2540D	01/13/09	1646	193 01/14/09 0738	AMS

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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KY - 90010, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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L383295-04 (PH) - 7.8@18.8c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : DSN 008-56-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:05

ESC Sample # : L383295-05
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	77.	20.	mg/l	410.4	01/14/09 1512	234	01/15/09 1418	LLJ
Ammonia Nitrogen	0.20	0.10	mg/l	350.1	01/14/09 1354	245	01/15/09 1218	LEM
Nitrate-Nitrite	0.50	0.10	mg/l	353.2	01/14/09 1416	165	01/15/09 0855	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1949	245	01/14/09 0327	LEM
TOC (Total Organic Carbon)	1.5	1.0	mg/l	5310B	01/13/09 1808	162	01/15/09 0018	ADH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : DSN 008-DUP-56-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:11

ESC Sample # : L383295-06
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	6.2	mg/l	1664A	01/13/09 1851	78	01/14/09 1030	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-MDB-SW-53-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:42

ESC Sample # : L383103-01
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 0411	78	01/13/09 1124	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-MDB-SW-53-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:35

ESC Sample # : L383103-02
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Arsenic	0.0018	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Barium	0.019	0.0020	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Chromium	0.0017	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Copper	0.0014	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Lead	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Nickel	0.0014	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Selenium	0.0072	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Silver	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Zinc	BDL	0.010	mg/l	200.8	01/12/09	1816	457 01/13/09 0935	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	0034	261 01/13/09 1521	CLF
Aluminum	0.72	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT
Calcium	27.	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT
Iron	0.47	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT
Magnesium	3.3	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT
Manganese	0.049	0.010	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT
Potassium	1.1	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT
Sodium	1.6	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT
Vanadium	BDL	0.010	mg/l	200.7	01/12/09	1623	117 01/13/09 0942	LAT

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-MDB-SW-53-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:36

ESC Sample # : L383103-03
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.43	0.10	mg/l	351.2	01/13/09	1017	236 01/14/09 0936	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-MDB-SW-53-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:40

ESC Sample # : L383103-04
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.38	0.10	mg/l	300.0	01/14/09 0752	159	01/14/09 1256	MCH
Sulfate	12.	5.0	mg/l	300.0	01/14/09 0752	159	01/14/09 1256	MCH
pH	7.4		su	4500H-B	01/13/09 0841	397	01/14/09 1018	TWF
Dissolved Solids	48.	10.	mg/l	2540C	01/13/09 0659	36	01/14/09 1344	MF
Suspended Solids	3.5	1.0	mg/l	2540D	01/13/09 0658	36	01/13/09 1405	MF

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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L383103-04 (PH) - 7.4@16.7c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-MDB-SW-53-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:37

ESC Sample # : L383103-05
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	140	20.	mg/l	410.4	01/13/09 0633	234	01/14/09 0823	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/13/09 1230	236	01/13/09 1624	LEM
Nitrate-Nitrite	0.35	0.10	mg/l	353.2	01/13/09 1013	165	01/14/09 0936	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/12/09 1538	236	01/13/09 0250	LEM
TOC (Total Organic Carbon)	1.8	1.0	mg/l	5310B	01/12/09 1817	162	01/13/09 1149	KSG

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :

Sample ID : TVA-MDB-SW-58-20090112

Collected By : Ray Duncan
Collection Date : 01/12/09 15:49

ESC Sample # : L383297-01

Site ID : 0192954

Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.9	mg/l	1664A	01/13/09 1851	78	01/14/09 1031	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :

ESC Sample # : L383297-02

Sample ID : TVA-MDB-SW-58-20090112

Site ID : 0192954

Collected By : Ray Duncan
Collection Date : 01/12/09 15:42

Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Arsenic	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Barium	0.022	0.0020	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Chromium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Copper	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Lead	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Nickel	0.0012	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Selenium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Silver	BDL	0.00050	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/13/09	1657	117 01/14/09 1154	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	1717	429 01/14/09 1116	ARF
Aluminum	0.58	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Calcium	27.	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Iron	0.46	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Magnesium	3.2	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Manganese	0.048	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Potassium	1.0	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Sodium	1.7	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Vanadium	BDL	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO
Zinc	BDL	0.030	mg/l	200.7	01/13/09	1650	117 01/14/09 1147	ICO

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :

Sample ID : TVA-MDB-SW-58-20090112

Collected By : Ray Duncan
Collection Date : 01/12/09 15:44

ESC Sample # : L383297-03

Site ID : 0192954

Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.58	0.10	mg/l	351.2	01/14/09 1017	236	01/15/09 1425	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

January 15, 2009

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-MDB-SW-58-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:47

ESC Sample # : L383297-04
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.37	0.10	mg/l	300.0	01/13/09	2216	159 01/14/09 0514	MCH
Sulfate	12.	5.0	mg/l	300.0	01/13/09	2216	159 01/14/09 0514	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/14/09	1658	01/15/09 0000	DTH
pH	7.8		su	4500H-B	01/14/09	1201	183 01/14/09 1700	TWF
Dissolved Solids	97.	10.	mg/l	2540C	01/13/09	1645	193 01/15/09 1431	AMS
Suspended Solids	4.3	1.0	mg/l	2540D	01/13/09	1646	193 01/14/09 0738	AMS

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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KY - 90010, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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L383297-04 (PH) - 7.8@18.9c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-MDB-SW-58-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:46

ESC Sample # : L383297-05
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	66.	20.	mg/l	410.4	01/14/09 1512	234	01/15/09 1418	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/14/09 1354	245	01/15/09 1220	LEM
Nitrate-Nitrite	0.43	0.10	mg/l	353.2	01/14/09 1417	165	01/15/09 0949	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1949	245	01/14/09 0329	LEM
TOC (Total Organic Carbon)	2.0	1.0	mg/l	5310B	01/13/09 1808	162	01/15/09 0041	ADH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TN117-SW-55-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:22

ESC Sample # : L383109-01
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 0411	78	01/13/09 1126	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TN117-SW-55-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:22

ESC Sample # : L383109-02

Site ID : 0192954

Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Arsenic	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Barium	0.029	0.0020	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Chromium	0.0015	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Copper	0.0022	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Lead	0.0014	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Nickel	0.0017	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Selenium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Silver	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Zinc	0.010	0.010	mg/l	200.8	01/12/09	1816	457 01/13/09 0951	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	0036	261 01/13/09 1602	CLF
Aluminum	1.9	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT
Calcium	19.	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT
Iron	1.3	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT
Magnesium	4.3	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT
Manganese	0.14	0.010	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT
Potassium	1.9	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT
Sodium	7.3	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT
Vanadium	BDL	0.010	mg/l	200.7	01/12/09	1804	117 01/13/09 1228	LAT

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TN117-SW-55-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:23

ESC Sample # : L383109-03
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.53	0.10	mg/l	351.2	01/13/09 1017	236	01/14/09 0942	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TN117-SW-55-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:23

ESC Sample # : L383109-04
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.41	0.10	mg/l	300.0	01/13/09 1647	159	01/14/09 1429	MCH
Sulfate	14.	5.0	mg/l	300.0	01/13/09 1647	159	01/14/09 1429	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/13/09 1529	244	01/14/09 0000	DTH
pH	7.7		su	4500H-B	01/13/09 0841	397	01/14/09 1018	TWF
Dissolved Solids	81.	10.	mg/l	2540C	01/13/09 0700	36	01/14/09 1457	MF
Suspended Solids	23.	1.0	mg/l	2540D	01/13/09 0658	36	01/13/09 1405	MF

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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L383109-04 (PH) - 7.7@17.0c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TN117-SW-55-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 09:24

ESC Sample # : L383109-05
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	200	20.	mg/l	410.4	01/13/09 0633	234	01/14/09 0825	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/13/09 1230	236	01/13/09 1632	LEM
Nitrate-Nitrite	0.35	0.10	mg/l	353.2	01/13/09 1013	165	01/14/09 0943	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1015	245	01/14/09 0312	LEM
TOC (Total Organic Carbon)	2.2	1.0	mg/l	5310B	01/12/09 1817	162	01/13/09 1149	KSG

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:00
Description :
Sample ID : TVA-TN117-SW-61-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:04

ESC Sample # : L383283-01
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 1851	78	01/14/09 1027	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:00
Description :
Sample ID : TVA-TN117-SW-61-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:03

ESC Sample # : L383283-02
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	0.0012	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Arsenic	0.0014	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Barium	0.030	0.0020	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Chromium	0.0011	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Copper	0.0022	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Lead	0.0018	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Nickel	0.0020	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Selenium	0.0023	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Silver	BDL	0.00050	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0055	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	1717	429 01/14/09 1017	ARF
Aluminum	1.2	0.10	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Calcium	18.	0.50	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Iron	1.1	0.10	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Magnesium	4.4	0.10	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Manganese	0.11	0.010	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Potassium	2.2	0.50	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Sodium	7.3	0.50	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Vanadium	BDL	0.010	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC
Zinc	BDL	0.030	mg/l	200.7	01/13/09	1624	457 01/13/09 2317	JBC

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:00
Description :
Sample ID : TVA-TN117-SW-61-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:02

ESC Sample # : L383283-03
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.45	0.10	mg/l	351.2	01/14/09 1017	236	01/15/09 1411	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:00
Description :
Sample ID : TVA-TN117-SW-61-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:03

ESC Sample # : L383283-04
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.36	0.10	mg/l	300.0	01/13/09	2216	159 01/14/09 0347	MCH
Sulfate	14.	5.0	mg/l	300.0	01/13/09	2216	159 01/14/09 0347	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/14/09	1658	01/15/09 0000	DTH
pH	7.2		su	4500H-B	01/14/09	1201	183 01/14/09 1700	TWF
Dissolved Solids	96.	10.	mg/l	2540C	01/13/09	1643	193 01/15/09 1423	AMS
Suspended Solids	20.	1.0	mg/l	2540D	01/13/09	1646	193 01/14/09 0738	AMS

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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L383283-04 (PH) - 7.2@20.2c



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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:00
Description :
Sample ID : TVA-TN117-SW-61-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 16:04

ESC Sample # : L383283-05
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	80.	20.	mg/l	410.4	01/13/09 1246	234	01/14/09 1323	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/14/09 1354	245	01/15/09 1204	LEM
Nitrate-Nitrite	0.43	0.10	mg/l	353.2	01/14/09 1416	165	01/15/09 0845	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1949	245	01/14/09 0316	LEM
TOC (Total Organic Carbon)	2.5	1.0	mg/l	5310B	01/13/09 1808	162	01/14/09 2144	ADH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TNDN-SW-51-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:25

ESC Sample # : L383108-01
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 0411	78	01/13/09 1125	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TNDN-SW-51-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:24

ESC Sample # : L383108-02
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Arsenic	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Barium	0.027	0.0020	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Chromium	0.0020	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Copper	0.0035	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Lead	0.0013	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Nickel	0.0016	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Selenium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Silver	BDL	0.00050	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Zinc	BDL	0.010	mg/l	200.8	01/12/09	1816	457 01/13/09 0948	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	0036	261 01/13/09 1559	CLF
Aluminum	1.6	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT
Calcium	19.	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT
Iron	1.1	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT
Magnesium	4.3	0.10	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT
Manganese	0.11	0.010	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT
Potassium	1.8	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT
Sodium	5.9	0.50	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT
Vanadium	BDL	0.010	mg/l	200.7	01/12/09	1804	117 01/13/09 1225	LAT

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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Est. 1970

REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TNDN-SW-51-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:24

ESC Sample # : L383108-03
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.50	0.10	mg/l	351.2	01/13/09 1017	236	01/14/09 0941	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TNDN-SW-51-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:25

ESC Sample # : L383108-04
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.38	0.10	mg/l	300.0	01/14/09 0752	159	01/14/09 1440	MCH
Sulfate	12.	5.0	mg/l	300.0	01/14/09 0752	159	01/14/09 1440	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/13/09 1529	244	01/14/09 0000	DTH
pH	7.7		su	4500H-B	01/13/09 0841	397	01/14/09 1018	TWF
Dissolved Solids	81.	10.	mg/l	2540C	01/13/09 0659	36	01/14/09 1343	MF
Suspended Solids	19.	1.0	mg/l	2540D	01/13/09 0658	36	01/13/09 1405	MF

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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L383108-04 (PH) - 7.7@16.7c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCSC
Sample ID : TVA-TNDN-SW-51-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:25

ESC Sample # : L383108-05
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	140	20.	mg/l	410.4	01/13/09 0633	234	01/14/09 0825	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/13/09 1230	236	01/13/09 1631	LEM
Nitrate-Nitrite	0.36	0.10	mg/l	353.2	01/13/09 1013	165	01/14/09 0942	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 0749	245	01/14/09 0311	LEM
TOC (Total Organic Carbon)	2.0	1.0	mg/l	5310B	01/12/09 1817	162	01/13/09 1149	KSG

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNDN-SW-60-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:17

ESC Sample # : L383288-01
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.9	mg/l	1664A	01/13/09 1851	78	01/14/09 1032	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNDN-SW-60-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:17

ESC Sample # : L383288-02
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Arsenic	0.0012	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Barium	0.032	0.0020	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Chromium	0.0017	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Copper	0.0025	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Lead	0.0020	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Nickel	0.0023	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Selenium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Silver	BDL	0.00050	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0101	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	1717	429 01/14/09 1022	ARF
Aluminum	1.5	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Calcium	18.	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Iron	1.2	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Magnesium	4.5	0.10	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Manganese	0.12	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Potassium	2.0	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Sodium	7.4	0.50	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Vanadium	BDL	0.010	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO
Zinc	BDL	0.030	mg/l	200.7	01/13/09	1650	117 01/14/09 1220	ICO

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNDN-SW-60-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:15

ESC Sample # : L383288-03
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.66	0.10	mg/l	351.2	01/14/09 1017	236	01/15/09 1416	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNDN-SW-60-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:16

ESC Sample # : L383288-04
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.38	0.10	mg/l	300.0	01/13/09	2216	159 01/14/09 0422	MCH
Sulfate	13.	5.0	mg/l	300.0	01/13/09	2216	159 01/14/09 0422	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/14/09	1658	01/15/09 0000	DTH
pH	7.3		su	4500H-B	01/14/09	1201	183 01/14/09 1700	TWF
Dissolved Solids	82.	10.	mg/l	2540C	01/13/09	1643	193 01/15/09 1424	AMS
Suspended Solids	20.	1.0	mg/l	2540D	01/13/09	1646	193 01/14/09 0738	AMS

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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L383288-04 (PH) - 7.3@19.5c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNDN-SW-60-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 15:16

ESC Sample # : L383288-05
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	84.	20.	mg/l	410.4	01/13/09 1246	234	01/14/09 1324	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/14/09 1354	245	01/15/09 1210	LEM
Nitrate-Nitrite	0.39	0.10	mg/l	353.2	01/14/09 1416	165	01/15/09 0847	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1949	245	01/14/09 0321	LEM
TOC (Total Organic Carbon)	3.1	1.0	mg/l	5310B	01/13/09 1808	162	01/14/09 2238	ADH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-TNUP-SW-54-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:14

ESC Sample # : L383095-01
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 0411	78	01/13/09 1123	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-TNUP-SW-54-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:13

ESC Sample # : L383095-02
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Arsenic	BDL	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Barium	0.032	0.0020	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Chromium	0.0018	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Copper	0.0027	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Lead	0.0015	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Nickel	0.0023	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Selenium	BDL	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Silver	BDL	0.00050	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Thallium	BDL	0.0010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Zinc	0.024	0.010	mg/l	200.8	01/12/09	1515	428 01/13/09	1845 LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	0034	261 01/13/09	1509 CLF
Aluminum	1.6	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT
Calcium	18.	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT
Iron	1.2	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT
Magnesium	4.7	0.10	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT
Manganese	0.14	0.010	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT
Potassium	2.1	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT
Sodium	7.5	0.50	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT
Vanadium	BDL	0.010	mg/l	200.7	01/12/09	1623	117 01/13/09	0915 LAT

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-TNUP-SW-54-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:11

ESC Sample # : L383095-03
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	0.50	0.10	mg/l	351.2	01/13/09 1017	236	01/14/09 0930	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - TN002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-TNUP-SW-54-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:12

ESC Sample # : L383095-04
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.34	0.10	mg/l	300.0	01/14/09 0752	159	01/14/09 1129	MCH
Sulfate	13.	5.0	mg/l	300.0	01/14/09 0752	159	01/14/09 1129	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/13/09 1529	244	01/14/09 0000	DTH
pH	7.1		su	4500H-B	01/13/09 0841	397	01/14/09 1018	TWF
Dissolved Solids	56.	10.	mg/l	2540C	01/13/09 0659	36	01/14/09 1345	MF
Suspended Solids	21.	1.0	mg/l	2540D	01/13/09 0658	36	01/13/09 1405	MF

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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L383095-04 (PH) - 7.1@16.8c



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Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/12/09 16:00
Description : WCFP
Sample ID : TVA-TNUP-SW-54-20090112
Collected By : Ricky Smith
Collection Date : 01/12/09 10:12

ESC Sample # : L383095-05
Site ID : 0192954
Project # : NPDES

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	160	20.	mg/l	410.4	01/13/09 0633	234	01/14/09 0823	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/13/09 1230	236	01/13/09 1618	LEM
Nitrate-Nitrite	0.33	0.10	mg/l	353.2	01/13/09 1013	165	01/14/09 0929	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1015	236	01/13/09 1445	LEM
TOC (Total Organic Carbon)	2.1	1.0	mg/l	5310B	01/12/09 1817	162	01/13/09 1149	KSG

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNUP-SW-59-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 14:57

ESC Sample # : L383284-01
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	01/13/09 1851	78	01/14/09 1033	TLB

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 09227, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNUP-SW-59-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 14:59

ESC Sample # : L383284-02
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Antimony	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Arsenic	0.0010	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Barium	0.030	0.0020	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Cadmium	BDL	0.00050	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Beryllium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Chromium	0.0012	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Cobalt	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Copper	0.0024	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Lead	0.0020	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Nickel	0.0021	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Selenium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Silver	BDL	0.00050	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Thallium	BDL	0.0010	mg/l	200.8	01/13/09	1627	117 01/15/09 0058	LAT
Mercury	BDL	0.00020	mg/l	245.1	01/13/09	1717	429 01/14/09 1019	ARF
Aluminum	1.1	0.10	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Calcium	17.	0.50	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Iron	1.1	0.10	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Magnesium	4.6	0.10	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Manganese	0.12	0.010	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Potassium	1.8	0.50	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Sodium	6.8	0.50	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Vanadium	BDL	0.010	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC
Zinc	BDL	0.030	mg/l	200.7	01/13/09	1624	457 01/13/09 2320	JBC

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNUP-SW-59-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 14:56

ESC Sample # : L383284-03
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Kjeldahl Nitrogen, TKN	1.2	0.10	mg/l	351.2	01/14/09 1017	236	01/15/09 1415	DTH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

January 15, 2009

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNUP-SW-59-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 14:59

ESC Sample # : L383284-04
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
Nitrate	0.38	0.10	mg/l	300.0	01/13/09	2216	159 01/14/09 0405	MCH
Sulfate	13.	5.0	mg/l	300.0	01/13/09	2216	159 01/14/09 0405	MCH
Alkalinity, Carbonate	BDL	10.	mg/l	310.2	01/14/09	1658	01/15/09 0000	DTH
pH	7.3		su	4500H-B	01/14/09	1201	183 01/14/09 1700	TWF
Dissolved Solids	100	10.	mg/l	2540C	01/13/09	1643	193 01/15/09 1424	AMS
Suspended Solids	21.	1.0	mg/l	2540D	01/13/09	1646	193 01/14/09 0738	AMS

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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L383284-04 (PH) - 7.3@19.5c



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REPORT OF ANALYSIS

Mr. Stanley Bramlett
TVA-Widows Creek Fossil Plant
2800 Steamplant Rd.
Stevenson, AL 35772

January 15, 2009

Date Received : 01/13/09 15:50
Description :
Sample ID : TVA-TNUP-SW-59-20090112
Collected By : Ray Duncan
Collection Date : 01/12/09 14:57

ESC Sample # : L383284-05
Site ID : 0192954
Project # :

Parameter	Result	Det. Limit	Units	Method	Prep	PID	Analyzed	AID
COD	200	20.	mg/l	410.4	01/13/09 1246	234	01/14/09 1324	LLJ
Ammonia Nitrogen	BDL	0.10	mg/l	350.1	01/14/09 1354	245	01/15/09 1205	LEM
Nitrate-Nitrite	0.38	0.10	mg/l	353.2	01/14/09 1416	165	01/15/09 0846	LEM
Phosphorus, Total	BDL	0.10	mg/l	365.1	01/13/09 1949	245	01/14/09 0319	LEM
TOC (Total Organic Carbon)	2.5	1.0	mg/l	5310B	01/13/09 1808	162	01/14/09 2226	ADH

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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