INTERNATIONAL PAPER

RIVERDALE MILL
601 COUNTY ROAD 78
SELMA, AL 36703
PHONE: (334) 872-3481

October 21, 2011

Mr. Ron Gore, Chief
Air Division
Alabama Department of Environmental Management
1400 Coliseum Boulevard
Montgomery, Alabama 36110

Subject: Third Quarter 2011 Non-MACT Monitoring Reports

Dear Mr. Gore:

The attached table lists the 3Q11 quarterly air reports that are not submitted as a requirement of MACT II for the reporting period of July through September 2011.

Please call me or Randy Boone at 334/418-5232 if you have questions, comments or require additional information.

Based on information and belief formed after reasonable inquiry, I certify, to the best of my knowledge, that the statements and information in this submission are true, accurate, and complete.

Sincerely,

Russell V. Harris
Mill Manager

Attachments

cc: K.R. Trosper

International Paper - Riverdale Mill
Non-MACT Quarterly Air Monitoring Report List
July 1, 2011 to September 30, 2011

Source	Parameter	Report Period	Comments
No. 1 Recovery Boiler	TRS	Second Quarter 2011	Submitted July 2011 with 2nd Quarter Report
		Third Quarter 2011	Enclosed
No. 2 Recovery Boiler	TRS	Second Quarter 2011	Submitted July 2011 with 2nd Quarter Report
		Third Quarter 2011	Enclosed
Gas Turbine / Duct Burner	Nox Water-to-Fuel Ratio	Second Quarter 2011	Submitted July 2011 with 2nd Quarter Report
		Third Quarter 2011	Enclosed
No. 2 Bark Boiler	Opacity	Second Quarter 2011	Submitted July 2011 with 2nd Quarter Report
		Third Quarter 2011	Enclosed
No. 3 Lime Kiln	TRS	Second Quarter 2011	Submitted July 2011 with 2nd Quarter Report
		Third Quarter 2011	Enclosed

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COMPLIANCE REPORT

for meeting reporting requirements of Title V

General Information

Facility Identification	
Name:	**Riverdale Mill**
Address:	**601 County Road 78**
City:	**Selma** State: **Alabama** Zip: **36703**
End of Reporting Period	9/30/2011
Relevant standard that is the basis for this report	Title V
Process units covered by this report	- Nos 1 & 2 Recovery Boilers - TRS - Gas Turbine / HRSG - NOx Water to Fuel Ratio - No. 2 Bark Boiler - Opacity
Reports submitted for each process unit	- Emission Data Summary - CMS Performance Summary - Emission Data Detail for SSM Events and Other Events - CMS Performance Detail for Downtime Events

Notes/Comments:

Certification

Based on information and belief formed after reasonable inquiry, I certify, to the best of my knowledge, that the statements and information in this submission are true, accurate, and complete.

Name: Russell V. Harris

Title: Mill Manager

Signature: Russell V. Harris

Report Date: 10/26/11

RIVERDALE MILL, 601 COUNTY ROAD 78
SELMA, ALABAMA 36703

CONTINUOUS EMISSION MONITOR MONTHLY REPORT
SUPPLEMENTAL FORM

SOURCE NAME:	No. 1 RECOVERY BOILER
EMISSION POINT LOCATION:	STACK
POLLUTANT MONITORED:	TRS
MONITOR MANUFACTURER:	ACS
SYSTEM MODEL No.:	600
ANALYZER MODEL No.:	API 100E
SYSTEM SERIAL No.:	06107C RB1
ANALYZER SERIAL No.:	1205
DATE OF CERTIFICATION:	JANUARY 2007
TIME PERIOD:	THIRD QUARTER 2011
TOTAL SOURCE OPERATION TIME:	2,153
DATE:	10/21/2011

REASON FOR EXCESS EMISSION:	TOTAL DURATION HOURS
A Startup / Shutdown	0
B Cleaning / Sootblowing	0
C Process Equipment Malfunction	0
D Unknown/Other	0
REASON FOR MONITOR DOWNTIME	
E Monitor Equipment Malfunction	0
F Non-Monitor Equipment Malfunction	0
G Calibration	0
H Unknown/Other	0

TO BE FILLED IN BY STATE AGENCY

CDS SOURCE ID #:_____

CDS COUNTY #:_____

DATE CEM MONTHLY REPORT RECEIVED: _____

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RIVERDALE MILL, 601 COUNTY ROAD 78
SELMA, ALABAMA 36703

CONTINUOUS EMISSION MONITOR REPORT

SOURCE NAME: No. 1 RECOVERY BOILER

POLLUTANT MONITORED: TRS

TIME PERIOD: THIRD QUARTER 2011

EXCURSION DATE	EXCURSION REASON CODE	EXCURSION CORRECTIVE ACTION CODE

EXCURSION REASON:

REASON FOR EXCESS EMISSION:
A Startup / Shutdown
B Cleaning / Sootblowing
C Process Equipment Malfunction
D Unknown / Other

REASON FOR MONITOR DOWNTIME:
E Monitor Equipment Malfunction
F Non-Monitor Equipment Malfunction
G Calibration
H Unknown / Other

EXCURSION CORRECTIVE ACTIONS:

CORRECTIVE ACTION FOR EXCESS EMISSION:
A Complete Startup / Shutdown
B Complete Cleaning / Sootblowing
C Correct Process Equipment Malfunction
D Unknown / Other

CORRECTIVE ACTION FOR MONITOR DOWNTIME:
E Correct Monitor Equipment Malfunction
F Correct Non-Monitor Equipment Malfunction
G Complete Calibration
H Unknown / Other

Attachment 1

No. 1 Recovery Boiler TRS Monitor Downtime Summary

Date	Downtime Hours	Reason
		NO MONITOR DOWNTIME.

TRS Summary Report

Source: RB1 JUL 2011
Limit: 12 Hr Corrected Avg > 20 ppm
Units: ppm

	1st 12 Hours Averages			2nd 12 Hour Averages			
DATE	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
7/1/11	4.81	1.44	1.15	4.86	0.27	0.22	
7/2/11	5.31	0.40	0.33	5.33	0.32	0.27	
7/3/11	5.70	0.28	0.24	5.71	1.78	1.51	
7/4/11	4.86	1.16	0.93	4.35	2.29	1.78	
7/5/11	4.33	3.55	2.76	4.40	2.97	2.32	
7/6/11	5.93	0.36	0.31	5.83	0.42	0.36	
7/7/11	4.75	3.36	2.68	4.49	5.51	4.33	
7/8/11	5.09	2.37	1.93	7.28	0.47	0.44	
7/9/11	5.35	0.46	0.38	5.51	0.36	0.30	
7/10/11	5.77	0.26	0.22	5.73	0.25	0.21	
7/11/11	4.91	2.19	1.77	4.85	2.59	2.08	
7/12/11	4.35	8.91	6.95	4.46	5.24	4.11	
7/13/11	4.46	3.34	2.62	4.81	0.26	0.21	
7/14/11	4.70	0.61	0.49	5.00	0.87	0.71	
7/15/11	5.17	1.39	1.14	6.44	2.69	2.40	
7/16/11	6.07	0.21	0.18	5.72	0.42	0.35	
7/17/11	6.13	0.22	0.19	5.41	0.83	0.69	
7/18/11	5.11	0.98	0.80	4.23	1.99	1.54	
7/19/11	4.79	3.28	2.62	4.17	4.65	3.59	
7/20/11	4.73	1.09	0.87	4.30	5.30	4.12	
7/21/11							Down
7/22/11	4.87	1.96	1.57	4.41	3.24	2.53	
7/23/11	4.26	5.19	4.03	4.34	6.11	4.76	
7/24/11	4.59	3.93	3.11	4.42	2.43	1.90	
7/25/11	4.24	4.88	3.78	4.67	2.26	1.80	
7/26/11	5.34	2.26	1.87	4.35	3.40	2.65	
7/27/11	4.38	2.91	2.27	4.67	1.56	1.24	
7/28/11	5.10	1.82	1.49	4.45	2.29	1.80	
7/29/11	4.60	6.20	4.91	4.55	6.27	4.95	
7/30/11	4.61	3.50	2.77	4.71	2.49	1.98	
7/31/11	4.90	3.94	3.18	4.75	2.94	2.35	

Total Production: 731 Hours

TRS Summary Report

Source: RB1 AUG 2011
Limit: 12 Hr Corrected Avg > 20 ppm
Units: ppm

	1st 12 Hours Averages			2nd 12 Hour Averages			
DATE	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
8/1/11	4.45	5.63	4.42	4.81	2.60	2.08	
8/2/11	5.16	1.38	1.13	7.82	0.17	0.17	
8/3/11	6.31	0.18	0.16	4.43	4.16	3.26	
8/4/11	7.62	8.37	8.13				
8/5/11							Down
8/6/11							Down
8/7/11	4.01	5.00	3.82	4.30	2.76	2.14	Down
8/8/11	4.05	2.08	1.59	3.82	6.45	4.87	
8/9/11	4.97	0.45	0.37	4.40	1.43	1.11	
8/10/11	4.95	0.56	0.46	4.85	1.82	1.46	
8/11/11	5.87	1.15	0.99	4.56	1.74	1.37	
8/12/11	5.00	0.29	0.24	5.02	1.92	1.56	
8/13/11	5.34	0.44	0.36	4.52	1.91	1.50	
8/14/11	5.65	0.25	0.21	5.98	0.18	0.16	
8/15/11	5.12	0.25	0.21	5.17	0.52	0.42	
8/16/11	6.29	0.18	0.15	4.96	0.40	0.32	
8/17/11	6.56	0.12	0.11	6.66	0.14	0.13	
8/18/11	6.69	0.14	0.13	5.72	0.17	0.15	
8/19/11	5.24	0.63	0.52	6.04	1.92	1.67	
8/20/11	4.50	2.26	1.78	4.70	1.73	1.37	
8/21/11	4.78	0.92	0.74	4.84	1.26	1.01	
8/22/11	5.29	2.08	1.72	5.27	0.66	0.55	
8/23/11	4.49	2.95	2.32	4.62	1.68	1.33	
8/24/11	5.14	1.71	1.40	4.71	2.59	2.06	
8/25/11	5.50	0.38	0.31	5.21	0.82	0.67	
8/26/11	4.65	2.93	2.32	4.54	4.01	3.16	
8/27/11	5.19	0.22	0.18	5.34	4.06	3.37	
8/28/11	5.63	0.20	0.17	5.33	0.40	0.33	
8/29/11	4.88	3.31	2.66	5.04	1.38	1.12	
8/30/11	4.65	1.17	0.93	4.50	2.30	1.81	
8/31/11	5.12	2.26	1.85	4.26	3.18	2.47	
				6.31	0.15	0.13	

Total Production: 704 Hours

TRS Summary Report

Source: RB1 SEP 2011
Limit: 12 Hr Corrected Avg > 20 ppm
Units: ppm

	1st 12 Hours Averages			2nd 12 Hour Averages			
DATE	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
9/1/11	6.08	0.19	0.17	5.52	1.44	1.21	
9/2/11	4.53	3.07	2.42	6.87	2.50	2.30	
9/3/11	5.10	0.36	0.29	4.32	5.53	4.30	
9/4/11	4.72	3.97	3.17	5.13	0.74	0.61	
9/5/11	5.17	0.56	0.46	5.30	1.18	0.98	
9/6/11	5.58	0.31	0.26	5.77	0.74	0.63	
9/7/11	4.41	3.33	2.61	6.48	0.12	0.11	
9/8/11	13.75	0.02	0.03	20.57	0.03	1.31	
9/9/11	15.54	0.03	0.07	9.96	1.17	1.38	
9/10/11	5.51	0.72	0.60	4.68	1.54	1.22	
9/11/11	5.53	0.67	0.56	4.79	4.89	3.92	
9/12/11	4.86	4.73	3.81	5.03	3.82	3.11	
9/13/11	5.05	4.32	3.51	5.04	3.29	2.67	
9/14/11	5.83	1.81	1.55	5.66	1.77	1.49	
9/15/11	4.65	6.88	5.46	6.03	0.28	0.25	
9/16/11	5.87	0.18	0.16	4.76	2.13	1.71	
9/17/11	4.91	0.96	0.78	4.76	2.71	2.17	
9/18/11	5.19	0.85	0.70	4.67	3.57	2.84	
9/19/11	4.85	2.90	2.33	5.36	1.38	1.15	
9/20/11	5.91	0.54	0.46	6.71	5.94	5.40	
9/21/11	5.95	1.46	1.26	6.00	0.22	0.19	
9/22/11	5.69	0.73	0.62	5.21	1.50	1.23	
9/23/11	5.21	1.53	1.26	5.48	1.03	0.86	
9/24/11	4.67	7.66	6.09	4.26	12.00	9.30	
9/25/11	4.31	7.48	5.82	4.53	5.28	4.16	
9/26/11	4.80	3.59	2.88	4.28	6.00	4.65	
9/27/11	4.70	4.92	3.92	4.64	10.86	8.62	
9/28/11	4.37	4.25	3.32	4.75	1.75	1.40	
9/29/11	4.81	1.39	1.12	4.74	7.22	5.77	
9/30/11	6.17	0.11	0.09	8.27	0.25	0.25	

Total Production: 718 Hours

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RIVERDALE MILL, 601 COUNTY ROAD 78
SELMA, ALABAMA 36703

CONTINUOUS EMISSION MONITOR REPORT

SOURCE NAME: NO. 2 RECOVERY BOILER

POLLUTANT MONITORED: TRS

TIME PERIOD: THIRD QUARTER 2011

EXCURSION DATE	EXCURSION REASON CODE	EXCURSION CORRECTIVE ACTION CODE

EXCURSION REASON:

REASON FOR EXCESS EMISSION:
A Startup / Shutdown
B Cleaning / Sootblowing
C Process Equipment Malfunction
D Unknown / Other

REASON FOR MONITOR DOWNTIME:
E Monitor Equipment Malfunction
F Non-Monitor Equipment Malfunction
G Calibration
H Unknown / Other

EXCURSION CORRECTIVE ACTIONS:

CORRECTIVE ACTION FOR EXCESS EMISSION:
A Complete Startup / Shutdown
B Complete Cleaning / Sootblowing
C Correct Process Equipment Malfunction
D Unknown / Other

CORRECTIVE ACTION FOR MONITOR DOWNTIME:
E Correct Monitor Equipment Malfunction
F Correct Non-Monitor Equipment Malfunction
G Complete Calibration
H Unknown / Other

Attachment 2

No. 2 Recovery Boiler TRS Monitor Downtime Summary

Date	Downtime Hours	Reason
		NO MONITOR DOWNTIME.

TRS Summary Report

Source: RB2 JUL 2011
Limit: 12 Hr Corrected Avg > 5 ppm
Units: ppm

	1st 12 Hours Averages			2nd 12 Hour Averages			
DATE	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
7/1/11	4.92	0.76	0.62	4.69	0.31	0.25	
7/2/11	5.17	0.13	0.11	4.91	0.16	0.13	
7/3/11	5.14	0.10	0.08	4.61	0.84	0.66	
7/4/11	4.37	0.50	0.39	4.39	0.19	0.15	
7/5/11	5.12	0.12	0.10	4.76	0.06	0.05	
7/6/11	6.34	0.11	0.10	6.40	0.13	0.12	
7/7/11	4.29	0.15	0.11	4.29	0.30	0.23	
7/8/11	5.35	0.16	0.13	5.85	0.18	0.15	
7/9/11	4.97	0.15	0.12	5.02	0.30	0.24	
7/10/11	5.57	0.10	0.08	9.92	0.15	0.17	
7/11/11				6.45	0.26	0.24	Down
7/12/11	5.96	0.10	0.09	5.88	0.13	0.11	
7/13/11	5.55	0.13	0.11	5.83	0.13	0.11	
7/14/11	4.88	0.15	0.12	4.04	1.03	0.78	
7/15/11	5.01	0.06	0.05	7.01	0.11	0.11	
7/16/11	5.41	0.22	0.18	5.49	0.11	0.09	
7/17/11	5.78	0.10	0.08	6.29	0.15	0.14	
7/18/11	5.44	0.06	0.05	4.87	0.16	0.13	
7/19/11	4.94	0.18	0.15	4.49	0.41	0.32	
7/20/11	5.01	0.18	0.15	4.39	1.63	1.27	
7/21/11	4.43	1.27	0.99	5.21	0.42	0.35	
7/22/11	5.13	0.19	0.16	5.27	0.68	0.56	
7/23/11	4.81	0.84	0.68	5.03	0.64	0.52	
7/24/11	5.21	0.17	0.14	5.14	0.24	0.20	
7/25/11	4.70	0.81	0.64	4.32	1.04	0.81	
7/26/11	4.46	0.79	0.62	4.30	0.36	0.28	
7/27/11	4.77	0.74	0.59	5.38	0.16	0.14	
7/28/11							Down
7/29/11	5.30	0.26	0.21	6.13	0.65	0.57	
7/30/11	5.24	0.33	0.27	4.02	0.47	0.36	
7/31/11	4.12	1.27	0.97	4.37	3.21	2.51	

Total Production: 729 Hours

TRS Summary Report

Source: RB2 AUG 2011
Limit: 12 Hr Corrected Avg > 5 ppm
Units: ppm

	1st 12 Hours Averages			2nd 12 Hour Averages			
DATE	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
8/1/11	4.99	0.16	0.13	4.82	0.17	0.13	
8/2/11	4.37	0.58	0.45	5.31	0.27	0.22	
8/3/11	4.72	0.18	0.14	4.31	0.22	0.17	
8/4/11	4.46	0.19	0.15	4.37	0.32	0.25	
8/5/11	5.17	0.16	0.13	4.20	0.96	0.74	
8/6/11	4.72	0.21	0.17	5.41	0.24	0.20	
8/7/11	4.60	1.12	0.89	4.31	0.93	0.73	
8/8/11	4.83	0.73	0.58	6.19	0.25	0.22	
8/9/11	5.85	0.23	0.20	4.93	1.80	1.45	
8/10/11	6.23	0.07	0.06	5.59	1.20	1.01	
8/11/11	5.24	0.88	0.73	5.40	0.45	0.38	
8/12/11	5.95	0.43	0.37	4.98	0.69	0.56	
8/13/11	5.64	0.15	0.12	5.73	0.19	0.16	
8/14/11	5.40	0.11	0.09	6.18	0.73	0.64	
8/15/11	6.01	0.12	0.11	5.70	0.39	0.33	
8/16/11	7.26	0.11	0.10	6.77	0.17	0.16	
8/17/11	6.14	0.10	0.08	5.66	0.18	0.15	
8/18/11	6.30	0.40	0.35	6.54	0.22	0.20	
8/19/11	5.68	0.10	0.09	6.16	0.16	0.14	
8/20/11	5.12	0.26	0.21	5.50	0.13	0.11	
8/21/11	5.70	0.07	0.06	6.55	0.35	0.31	
8/22/11	7.56	0.11	0.10	6.78	0.31	0.28	
8/23/11	5.80	0.06	0.05	5.47	0.14	0.12	
8/24/11	5.08	0.24	0.20	5.57	0.22	0.19	
8/25/11	6.05	0.15	0.13	5.24	0.20	0.16	
8/26/11	4.98	0.26	0.21	4.88	0.66	0.53	
8/27/11	5.32	0.74	0.62	5.79	0.19	0.16	
8/28/11	5.94	0.13	0.11	6.13	0.17	0.15	
8/29/11	5.19	0.17	0.14	5.17	0.71	0.58	
8/30/11	5.64	0.79	0.66	5.11	0.79	0.64	
8/31/11	5.63	0.21	0.18	5.19	0.11	0.09	

Total Production: 743 Hours

TRS Summary Report

Source: RB2 SEP 2011
Limit: 12 Hr Corrected Avg > 5 ppm
Units: ppm

	1st 12 Hours Averages			2nd 12 Hour Averages			
DATE	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
9/1/11	5.94	0.22	0.19	6.07	0.46	0.40	
9/2/11	5.84	0.28	0.24	7.00	0.12	0.11	
9/3/11	6.37	0.18	0.16	5.04	0.33	0.27	
9/4/11	5.96	0.13	0.11	6.17	0.08	0.07	
9/5/11	5.25	0.11	0.09	5.63	0.19	0.16	
9/6/11	6.32	0.17	0.15	6.82	0.21	0.20	
9/7/11	6.13	0.08	0.07	6.80	0.26	0.24	
9/8/11	5.68	0.34	0.29	4.79	0.35	0.28	
9/9/11	5.37	0.38	0.31	5.21	0.29	0.24	
9/10/11	5.06	0.48	0.39	4.65	0.36	0.29	
9/11/11	5.35	0.17	0.14	4.51	0.55	0.43	
9/12/11	4.88	0.68	0.54	4.72	0.38	0.30	
9/13/11	4.79	0.18	0.14	4.54	1.12	0.89	
9/14/11	4.83	1.15	0.92	4.65	1.85	1.47	
9/15/11	4.53	0.13	0.10	5.96	0.11	0.10	
9/16/11	5.85	0.10	0.08	5.44	0.16	0.13	
9/17/11	5.49	0.10	0.08	6.05	0.10	0.09	
9/18/11	5.62	0.11	0.10	5.60	0.11	0.09	
9/19/11	5.41	0.11	0.09	5.26	0.16	0.14	
9/20/11	5.19	0.29	0.24	5.86	0.09	0.07	
9/21/11	4.83	0.08	0.06	5.19	0.09	0.08	
9/22/11	5.26	0.12	0.10	4.74	1.55	1.23	
9/23/11	4.97	0.19	0.16	5.13	0.11	0.09	
9/24/11	4.86	0.35	0.28	4.16	0.11	0.09	
9/25/11	4.51	0.12	0.09	4.64	0.41	0.32	
9/26/11	4.75	0.06	0.05	4.96	0.13	0.10	
9/27/11	4.96	0.17	0.14	4.06	0.10	0.07	
9/28/11	3.91	0.32	0.25	4.58	1.02	0.81	
9/29/11	4.68	0.48	0.38	4.55	0.30	0.23	
9/30/11	4.79	0.31	0.25	5.17	0.27	0.22	

Total Production: **720 Hours**

CONTINUOUS EMISSION MONITOR QUARTERLY REPORT

Supplemental Form

Quarter and Year: Third Quarter 2011

Source Name: International Paper - Riverdale Mill

Emission Point Location: Stationary Gas Turbine

Parameter/Pollutant Monitored: Water-to-Fuel Ratio/NO_x

Type Period: Discrete One-Hour Average

Total Source Operating Time: 2,158 Hours

REASON FOR EXCESS EMISSION

Startup/Shutdown _0_HRS
Cleaning/Soot-blowing_0_HRS
Equipment/Process Malfunction_0_HRS
Unknown Causes_0_HRS

REASON FOR MONITOR DOWNTIME

Monitor Equipment Malfunction _0_HRS
Non-Monitoring Equipment Malfunction_0_HRS
Unknown Causes_0_HRS

To be completed by Control Agency Official

1.CDS Report Source Identification Number (County and Source):047 00003
2.Date Received by Agency:
3.Date Report Due to Agency:

QUARTERLY EXCESS STATIONARY GAS TURBINE EMISSIONS REPORT

Part 1.**GENERAL INFORMATION**

A. Company Name: International Paper - Riverdale Mill

B. Quarterly Emission Report Period Ending: (Circle One)

March 31 June 30 September 30 December 31

C. Reporting Year: 2011

D. Reporting Date: October 11, 2011

E. Person Completing Report: Carla Pearson

F. Source Description: Stationary Gas Turbine

G. Monitoring Period: Third Quarter 2011

H. Person Responsible for Review and Integrity of Report:

Donald G. Parrish

I. Mailing Address of Person in 1-H above:

601 County Road 78
Selma, AL 36703

J. Phone Number for 1H above:

334/418-5356

Fuel bound Nitrogen for # 2 Fuel Oil does not exceed 310 ppm (0.031%).

Part 3. **ICE FOG (IF APPLICABLE)**

DATE	TIME NO_X Control Deactivated	TIME NO_X Control Reactivated

Part 4. **EMERGENCY FUEL OIL: (IF APPLICABLE)**

MONTH / YEAR	GALLONS (MTD)	GALLONS (YTD)	GALLONS (ROLLING*)
JUL / 11	0.0	0	0
AUG / 11	0.0	0	0
SEP / 11	0.0	0	0

* Twelve month rolling total

Part 5. **NUMBER OF DAYS SOURCE DOWN:** 2.1 Days

Part 6. **PERIODS MONITOR INOPERATIVE:**

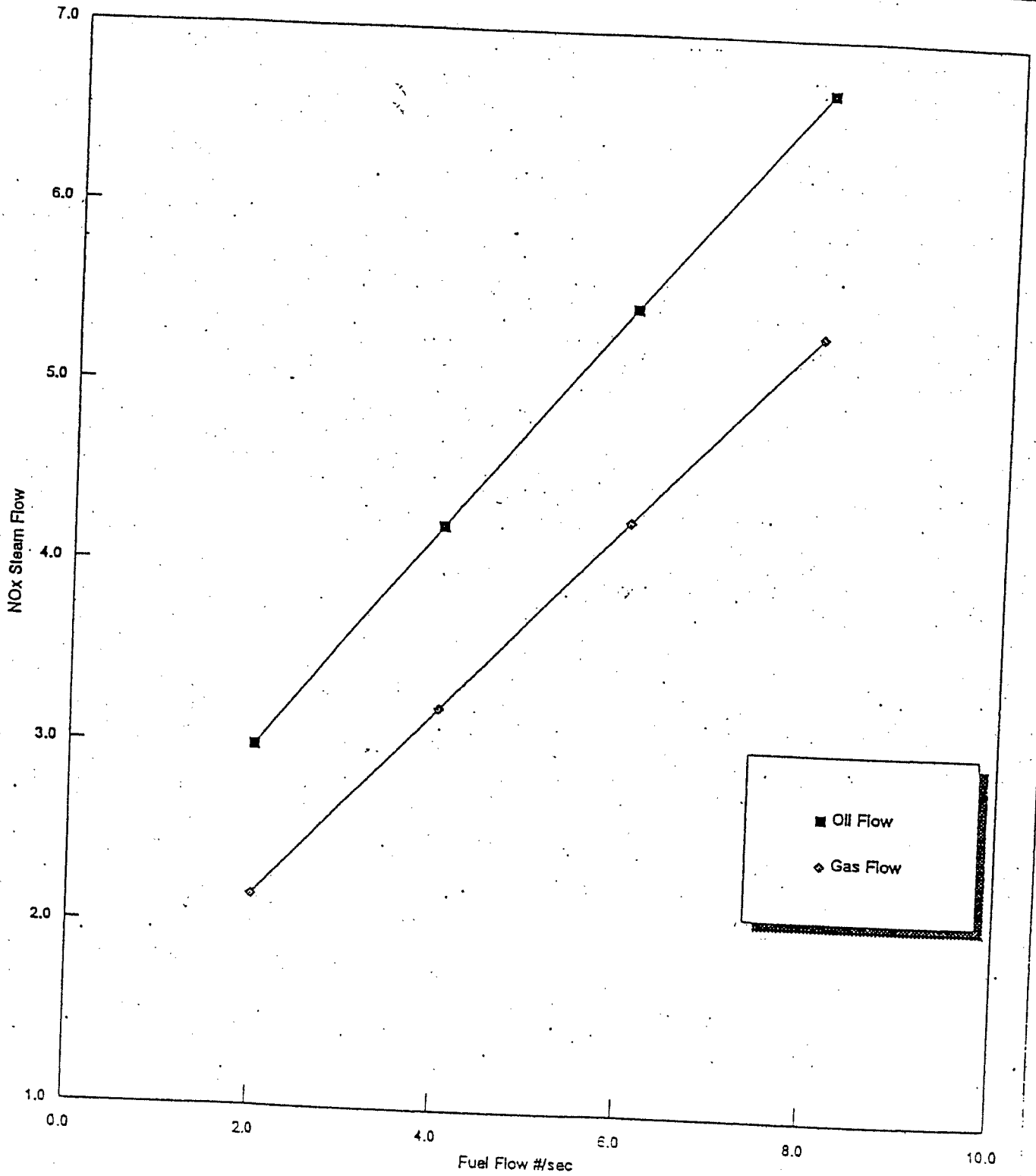
DATE	EFFECTIVE HOURS MONITOR INOPERATIVE	NATURE OF REPAIR / ADJUSTMENT
	N/A	

TOTAL PERIODS MONITORED	2,158
TOTAL PERIODS SOURCE OPERATED	2,158
PERCENT MONITOR UPTIME	100%

PART 2 EXCESS EMISSION LISTING

DATE	1-Hour Period (Ending)	Gas Turbine Load,MW	Actual STM/Fuel Ratio	Required STM/Fuel Ratio	Inlet Temp, °F	Exhaust Temp, °F	Humidity, #H/#A	Reason Code

Reason Code: A = Startup/Shutdown
C = Equipment Malfunction


NOx Steam/Fuel Flow
7.0
6.0
5.0
4.0
3.0
2.0
1.0
NOx Steam Flow
0.0
2.0
4.0
6.0
8.0
10.0
Fuel Flow #/sec
Oil Flow
Gas Flow

SoNet Premier

SNG - SOUTH GEORGIA FACILITIES
GAS COMPOSITION DATA

FOR 991030
MONTH : JULY
YEAR : 2011

OPELIKA CHROMATOGRAPH

SCHEDULE:MSM006
Version: 1.3

DATE	BTU	GRAV	NIT	CO2	OXY	CO	METH	ETH	PROP	I-BUT	BUT	I-PEN	PEN	HEX+
07/01/2011	1.0154	0.5775	0.3109	1.1617	0.0000	0.0000	96.9168	1.3474	0.1451	0.0335	0.0332	0.0147	0.0092	0.0275
07/02/2011	1.0141	0.5783	0.3216	1.2530	0.0000	0.0000	96.7854	1.4040	0.1328	0.0299	0.0297	0.0125	0.0079	0.0233
07/03/2011	1.0137	0.5778	0.3159	1.2391	0.0000	0.0000	96.8662	1.3575	0.1197	0.0278	0.0292	0.0128	0.0078	0.0240
07/04/2011	1.0121	0.5787	0.3144	1.3603	0.0000	0.0000	96.7863	1.3205	0.1207	0.0270	0.0281	0.0123	0.0077	0.0228
07/05/2011	1.0127	0.5798	0.3219	1.3971	0.0000	0.0000	96.6687	1.3582	0.1416	0.0316	0.0312	0.0141	0.0087	0.0269
07/06/2011	1.0131	0.5786	0.3151	1.3153	0.0000	0.0000	96.8014	1.3351	0.1275	0.0290	0.0299	0.0133	0.0081	0.0253
07/07/2011	1.0133	0.5789	0.3152	1.3253	0.0000	0.0000	96.7650	1.3431	0.1419	0.0313	0.0306	0.0137	0.0084	0.0256
07/08/2011	1.0145	0.5774	0.3108	1.1912	0.0000	0.0000	96.9402	1.3055	0.1398	0.0319	0.0308	0.0141	0.0087	0.0270
07/09/2011	1.0128	0.5766	0.3066	1.2104	0.0000	0.0000	97.0559	1.2170	0.1157	0.0263	0.0259	0.0119	0.0073	0.0230
07/10/2011	1.0128	0.5777	0.3151	1.2741	0.0000	0.0000	96.9093	1.2806	0.1236	0.0274	0.0269	0.0121	0.0075	0.0234
07/11/2011	1.0138	0.5783	0.3211	1.2624	0.0000	0.0000	96.8577	1.2978	0.1442	0.0331	0.0321	0.0146	0.0090	0.0280
07/12/2011	1.0138	0.5786	0.3202	1.2869	0.0000	0.0000	96.7895	1.3524	0.1400	0.0317	0.0309	0.0138	0.0084	0.0261
07/13/2011	1.0142	0.5796	0.3102	1.3365	0.0000	0.0000	96.6791	1.3982	0.1544	0.0349	0.0340	0.0150	0.0093	0.0284
07/14/2011	1.0143	0.5789	0.3096	1.2907	0.0000	0.0000	96.7536	1.3831	0.1449	0.0352	0.0337	0.0141	0.0086	0.0266
07/15/2011	1.0145	0.5794	0.3098	1.3149	0.0000	0.0000	96.6894	1.4078	0.1561	0.0363	0.0344	0.0148	0.0091	0.0272
07/16/2011	1.0158	0.5808	0.3219	1.3411	0.0000	0.0000	96.5252	1.4803	0.1879	0.0415	0.0431	0.0174	0.0115	0.0303
07/17/2011	1.0158	0.5810	0.3220	1.3400	0.0000	0.0000	96.5280	1.4790	0.1880	0.0420	0.0430	0.0170	0.0110	0.0300
07/18/2011	1.0147	0.5790	0.3700	1.2460	0.0000	0.0000	96.7450	1.3380	0.1640	0.0380	0.0410	0.0160	0.0100	0.0310
07/19/2011	1.0142	0.5778	0.3096	1.2277	0.0000	0.0000	96.9047	1.3051	0.1352	0.0341	0.0338	0.0142	0.0086	0.0271
07/20/2011	1.0136	0.5790	0.3210	1.3202	0.0000	0.0000	96.7438	1.3592	0.1419	0.0325	0.0324	0.0141	0.0087	0.0263
07/21/2011	1.0141	0.5809	0.3314	1.4072	0.0000	0.0000	96.5308	1.4249	0.1727	0.0384	0.0367	0.0163	0.0101	0.0315
07/22/2011	1.0164	0.5814	0.3205	1.3515	0.0000	0.0000	96.4650	1.5243	0.1852	0.0394	0.0392	0.0220	0.0150	0.0379
07/23/2011	1.0150	0.5793	0.3204	1.2846	0.0000	0.0000	96.6846	1.4329	0.1534	0.0347	0.0351	0.0156	0.0097	0.0288
07/24/2011	1.0146	0.5794	0.3245	1.2964	0.0000	0.0000	96.6691	1.4432	0.1494	0.0330	0.0331	0.0148	0.0093	0.0273
07/25/2011	1.0162	0.5797	0.3233	1.2580	0.0000	0.0000	96.6222	1.4959	0.1641	0.0374	0.0397	0.0170	0.0107	0.0316
07/26/2011	1.0148	0.5795	0.3256	1.2949	0.0000	0.0000	96.6588	1.4468	0.1530	0.0336	0.0346	0.0152	0.0095	0.0282
07/27/2011	1.0177	0.5804	0.3467	1.2276	0.0000	0.0000	96.5490	1.5212	0.1920	0.0461	0.0458	0.0213	0.0138	0.0365
07/28/2011	1.0151	0.5792	0.3468	1.2547	0.0000	0.0000	96.6794	1.4301	0.1647	0.0367	0.0353	0.0153	0.0097	0.0273
07/29/2011	1.0149	0.5791	0.3186	1.2731	0.0000	0.0000	96.7291	1.3911	0.1663	0.0338	0.0358	0.0155	0.0103	0.0265
07/30/2011	1.0159	0.5807	0.3317	1.3271	0.0000	0.0000	96.5360	1.4650	0.1976	0.0394	0.0418	0.0176	0.0117	0.0320
07/31/2011	1.0152	0.5799	0.3215	1.3062	0.0000	0.0000	96.6336	1.4305	0.1780	0.0373	0.0392	0.0164	0.0108	0.0265
AVERAGE:	**1.0145**	**0.5791**	**0.3217**	**1.2895**	**0.0000**	**0.0000**	**96.7248**	**1.3895**	**0.1529**	**0.0343**	**0.0345**	**0.0151**	**0.0096**	**0.0279**

SoNet Premier

SNG - SOUTH GEORGIA FACILITIES
GAS COMPOSITION DATA

SCHEDULE:MSM006
Version: 1.3

FOR 991030
MONTH : AUGUST
YEAR : 2011

OPELIKA CHROMATOGRAPH

DATE	BTU	GRAV	NIT	CO2	OXY	CO	METH	ETH	PROP	I-BUT	BUT	I-PEN	PEN	HEX+
08/01/2011	1.0152	0.5797	0.3268	1.2942	0.0000	0.0000	96.6674	1.3990	0.1788	0.0368	0.0386	0.0167	0.0108	0.0311
08/02/2011	1.0162	0.5796	0.3296	1.2482	0.0000	0.0000	96.6512	1.4503	0.1825	0.0382	0.0422	0.0172	0.0114	0.0292
08/03/2011	1.0176	0.5799	0.3375	1.2023	0.0000	0.0000	96.6137	1.4932	0.2023	0.0414	0.0458	0.0186	0.0125	0.0326
08/04/2011	1.0185	0.5807	0.3392	1.2171	0.0000	0.0000	96.5097	1.5470	0.2233	0.0440	0.0527	0.0202	0.0142	0.0326
08/05/2011	1.0198	0.5811	0.3313	1.1923	0.0000	0.0000	96.4888	1.5543	0.2493	0.0485	0.0612	0.0224	0.0161	0.0357
08/06/2011	1.0155	0.5785	0.3302	1.2081	0.0000	0.0000	96.7839	1.3879	0.1660	0.0343	0.0364	0.0154	0.0100	0.0278
08/07/2011	1.0147	0.5782	0.3221	1.2245	0.0000	0.0000	96.8237	1.3714	0.1459	0.0318	0.0312	0.0139	0.0086	0.0270
08/08/2011	1.0159	0.5785	0.3157	1.1962	0.0000	0.0000	96.7936	1.4143	0.1553	0.0335	0.0337	0.0150	0.0095	0.0332
08/09/2011	1.0157	0.5781	0.3135	1.1839	0.0000	0.0000	96.8466	1.3801	0.1538	0.0333	0.0330	0.0150	0.0093	0.0315
08/10/2011	1.0156	0.5777	0.3121	1.1641	0.0000	0.0000	96.8534	1.4188	0.1417	0.0313	0.0312	0.0139	0.0084	0.0252
08/11/2011	1.0157	0.5782	0.3176	1.1843	0.0000	0.0000	96.8090	1.4224	0.1484	0.0334	0.0330	0.0147	0.0091	0.0282
08/12/2011	1.0163	0.5793	0.3200	1.2285	0.0000	0.0000	96.6837	1.4633	0.1731	0.0368	0.0367	0.0165	0.0103	0.0311
08/13/2011	1.0163	0.5797	0.3141	1.2609	0.0000	0.0000	96.6496	1.4559	0.1810	0.0397	0.0396	0.0173	0.0107	0.0312
08/14/2011	1.0156	0.5799	0.3117	1.2979	0.0000	0.0000	96.6194	1.4700	0.1720	0.0368	0.0362	0.0161	0.0099	0.0302
08/15/2011	1.0156	0.5792	0.3102	1.2618	0.0000	0.0000	96.7063	1.4291	0.1644	0.0365	0.0364	0.0159	0.0099	0.0294
08/16/2011	1.0145	0.5793	0.3288	1.2920	0.0000	0.0000	96.6955	1.4085	0.1546	0.0344	0.0341	0.0151	0.0093	0.0279
08/17/2011	1.0141	0.5795	0.3475	1.3106	0.0000	0.0000	96.6489	1.4226	0.1551	0.0329	0.0327	0.0143	0.0088	0.0268
08/18/2011	1.0132	0.5792	0.3490	1.3275	0.0000	0.0000	96.6756	1.4014	0.1431	0.0293	0.0296	0.0127	0.0078	0.0239
08/19/2011	1.0136	0.5786	0.3195	1.2942	0.0000	0.0000	96.8022	1.3294	0.1432	0.0308	0.0329	0.0138	0.0086	0.0253
08/20/2011	1.0150	0.5796	0.3243	1.2984	0.0000	0.0000	96.6702	1.4118	0.1678	0.0358	0.0362	0.0157	0.0099	0.0300
08/21/2011	1.0144	0.5794	0.3205	1.3119	0.0000	0.0000	96.6799	1.4100	0.1585	0.0348	0.0335	0.0147	0.0089	0.0273
08/22/2011	1.0146	0.5799	0.3220	1.3354	0.0000	0.0000	96.6144	1.4431	0.1630	0.0351	0.0350	0.0154	0.0094	0.0274
08/23/2011	1.0146	0.5803	0.3322	1.3500	0.0000	0.0000	96.5744	1.4461	0.1703	0.0378	0.0358	0.0156	0.0094	0.0284
08/24/2011	1.0146	0.5800	0.3350	1.3510	0.0000	0.0000	96.5680	1.4490	0.1700	0.0380	0.0360	0.0150	0.0090	0.0280
08/25/2011	1.0163	0.5798	0.3249	1.2570	0.0000	0.0000	96.6229	1.4783	0.1827	0.0390	0.0376	0.0166	0.0102	0.0309
08/26/2011	1.0161	0.5794	0.3185	1.2426	0.0000	0.0000	96.6952	1.4302	0.1773	0.0400	0.0376	0.0169	0.0102	0.0314
08/27/2011	1.0177	0.5807	0.3366	1.2515	0.0000	0.0000	96.5145	1.5359	0.2049	0.0454	0.0438	0.0193	0.0122	0.0361
08/28/2011	1.0189	0.5816	0.3369	1.2571	0.0000	0.0000	96.4452	1.5399	0.2355	0.0527	0.0526	0.0227	0.0149	0.0424
08/29/2011	1.0176	0.5809	0.3370	1.2679	0.0000	0.0000	96.5096	1.5079	0.2137	0.0475	0.0470	0.0202	0.0129	0.0364
08/30/2011	1.0165	0.5806	0.3301	1.2951	0.0000	0.0000	96.5234	1.5207	0.1883	0.0416	0.0400	0.0175	0.0111	0.0320
08/31/2011	1.0171	0.5809	0.3218	1.2972	0.0000	0.0000	96.5145	1.5069	0.2018	0.0450	0.0443	0.0196	0.0126	0.0362
AVERAGE:	**1.0159**	**0.5796**	**0.3263**	**1.2614**	**0.0000**	**0.0000**	**96.6534**	**1.4483**	**0.1764**	**0.0379**	**0.0386**	**0.0166**	**0.0105**	**0.0305**

SoNet Premier

SNG - SOUTH GEORGIA FACILITIES
GAS COMPOSITION DATA

SCHEDULE:MSM006
Version: 1.3

FOR 991030
MONTH : SEPTEMBER
YEAR : 2011

OPELIKA CHROMATOGRAPH

DATE	BTU	GRAV	NIT	CO2	OXY	CO	METH	ETH	PROP	I-BUT	BUT	I-PEN	PEN	HEX+
09/01/2011	1.0144	0.5781	0.3023	1.2410	0.0000	0.0000	96.8548	1.3492	0.1379	0.0339	0.0328	0.0140	0.0083	0.0259
09/02/2011	1.0135	0.5796	0.2974	1.3731	0.0000	0.0000	96.7055	1.3571	0.1484	0.0347	0.0331	0.0147	0.0089	0.0271
09/03/2011	1.0139	0.5801	0.3033	1.3862	0.0000	0.0000	96.6811	1.3224	0.1682	0.0399	0.0382	0.0175	0.0107	0.0327
09/04/2011	1.0119	0.5802	0.2996	1.4724	0.0000	0.0000	96.6641	1.3035	0.1470	0.0335	0.0315	0.0144	0.0086	0.0254
09/05/2011	1.0109	0.5812	0.3061	1.5713	0.0000	0.0000	96.5622	1.2960	0.1484	0.0323	0.0318	0.0149	0.0092	0.0279
09/06/2011	1.0103	0.5818	0.3130	1.6274	0.0000	0.0000	96.4944	1.2949	0.1550	0.0328	0.0316	0.0144	0.0089	0.0276
09/07/2011	1.0098	0.5808	0.3030	1.5912	0.0000	0.0000	96.6038	1.2643	0.1366	0.0288	0.0276	0.0129	0.0077	0.0241
09/08/2011	1.0110	0.5796	0.2901	1.4756	0.0000	0.0000	96.7429	1.2557	0.1345	0.0290	0.0274	0.0131	0.0078	0.0239
09/09/2011	1.0104	0.5783	0.2868	1.4231	0.0000	0.0000	96.8980	1.1841	0.1201	0.0266	0.0255	0.0109	0.0063	0.0185
09/10/2011	1.0104	0.5784	0.2876	1.4272	0.0000	0.0000	96.8791	1.2036	0.1161	0.0257	0.0251	0.0110	0.0066	0.0180
09/11/2011	1.0111	0.5783	0.2861	1.3954	0.0000	0.0000	96.8745	1.2338	0.1198	0.0261	0.0262	0.0116	0.0072	0.0192
09/12/2011	1.0112	0.5771	0.2902	1.3188	0.0000	0.0000	96.9991	1.2024	0.1116	0.0233	0.0227	0.0097	0.0055	0.0167
09/13/2011	1.0127	0.5782	0.3049	1.3161	0.0000	0.0000	96.8389	1.3132	0.1339	0.0271	0.0263	0.0116	0.0069	0.0208
09/14/2011	1.0159	0.5801	0.3328	1.2893	0.0000	0.0000	96.5495	1.5294	0.1750	0.0356	0.0345	0.0151	0.0094	0.0295
09/15/2011	1.0151	0.5800	0.3160	1.3231	0.0000	0.0000	96.5968	1.4777	0.1651	0.0360	0.0336	0.0150	0.0090	0.0277
09/16/2011	1.0143	0.5797	0.3179	1.3361	0.0000	0.0000	96.6106	1.4798	0.1495	0.0303	0.0298	0.0131	0.0080	0.0250
09/17/2011	1.0149	0.5796	0.3160	1.3062	0.0000	0.0000	96.6088	1.5084	0.1512	0.0309	0.0307	0.0137	0.0084	0.0260
09/18/2011	1.0144	0.5798	0.3223	1.3314	0.0000	0.0000	96.6060	1.4765	0.1535	0.0313	0.0307	0.0138	0.0084	0.0262
09/19/2011	1.0131	0.5794	0.3220	1.3634	0.0000	0.0000	96.7078	1.3409	0.1567	0.0317	0.0306	0.0133	0.0082	0.0254
09/20/2011	1.0137	0.5782	0.3218	1.2643	0.0000	0.0000	96.8710	1.2767	0.1512	0.0331	0.0316	0.0141	0.0088	0.0274
09/21/2011	1.0139	0.5784	0.3225	1.2717	0.0000	0.0000	96.8367	1.2972	0.1559	0.0334	0.0322	0.0143	0.0088	0.0272
09/22/2011	1.0129	0.5790	0.3355	1.3363	0.0000	0.0000	96.7580	1.3104	0.1523	0.0310	0.0300	0.0130	0.0081	0.0255
09/23/2011	1.0135	0.5785	0.3249	1.2876	0.0000	0.0000	96.8157	1.3111	0.1544	0.0312	0.0293	0.0130	0.0079	0.0249
09/24/2011	1.0139	0.5797	0.3274	1.3478	0.0000	0.0000	96.6701	1.3648	0.1696	0.0357	0.0331	0.0148	0.0090	0.0277
09/25/2011	1.0139	0.5800	0.3034	1.3772	0.0000	0.0000	96.7035	1.3071	0.1740	0.0387	0.0375	0.0168	0.0106	0.0313
09/26/2011	1.0153	0.5798	0.3134	1.3045	0.0000	0.0000	96.6832	1.3825	0.1787	0.0391	0.0377	0.0173	0.0110	0.0324
09/27/2011	1.0154	0.5809	0.3285	1.3587	0.0000	0.0000	96.5529	1.4118	0.1966	0.0424	0.0438	0.0190	0.0126	0.0336
09/28/2011	1.0156	0.5806	0.3115	1.3454	0.0000	0.0000	96.6295	1.3488	0.2046	0.0452	0.0454	0.0199	0.0135	0.0361
09/29/2011	1.0168	0.5811	0.3111	1.3268	0.0000	0.0000	96.5899	1.3696	0.2245	0.0500	0.0500	0.0220	0.0146	0.0414
09/30/2011	1.0162	0.5808	0.3211	1.3253	0.0000	0.0000	96.5846	1.4040	0.2055	0.0460	0.0448	0.0194	0.0126	0.0368
AVERAGE:	**1.0133**	**0.5796**	**0.3106**	**1.3705**	**0.0000**	**0.0000**	**96.7058**	**1.3392**	**0.1565**	**0.0338**	**0.0328**	**0.0146**	**0.0091**	**0.0271**

Version: 4.0 - 4.44

INTERNATIONAL PAPER

SUMMARY REPORT - Gaseous and Opacity Excess Emissions

Bark Boiler 2 TV Opacity

Riverdale Mill

Reporting Period: From 7/1/2011 To 10/1/2011

Report Run Date 10/13/2011 3:26 PM

Hazardous Air Pollutants (HAPS) Monitored: Particulate Matter (PM) emissions as a surrogate for HAP metals (Subpart MM, §63.860).

Brief description of process unit: The No. 2 bark boiler is a steam generating unit that burns primarily wood waste with natural gas and No. 2 fuel oil as supplemental fuels. The boiler's particulate emissions control is an electrostatic precipitator.

Emission Data Summary

Emission Point:	BB2 Opacity			
Source Operating Time:	2064.5 Hours			
Operating Parameter:	Opacity		Opacity	
Averaging Period:	6-min Avg		60-min Avg	
Parameter Limit:	20%		10%	
Monitoring Exceedances In Reporting Period Due To:	Duration Hours	Count No.	Duration Hours	Count No.
a. Startup/Shutdown	0.0	0	0.0	0
b. Control Equipment Problems-Malfunction	0.0	0	0.0	0
c. Process Problems-Malfunction	0.1	1	0.0	0
Total SSM monitoring exceedances	0.1	1	0.0	0
d. Other Known Causes	0.0	0	0.0	0
e. Other Unknown Causes	0.0	0	0.0	0
Total Other monitoring exceedances	0.0	0	0.0	0
[(Total Other monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%	
Total monitoring exceedances	0.1	1	0.0	0
[(Total monitoring exceedances)/(Total source operating time)]X100 (%)	0.00%		0.00%	

Version 4.0 - 4.44

INTERNATIONAL PAPER

Riverdale Mill

DETAIL REPORT - Gaseous and Opacity Excess Emissions

Bark Boiler 2 TV Opacity

Reporting Period: From 7/1/2011 To 10/1/2011

Report Run Date: 10/13/2011 3:26 PM

Emission Data Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
Bark Boiler 2 TV Opacity							
9/24/2011 10:11 AM	9/24/2011 10:17 AM	0.1	BB2 TV Opacity EE (6-Min) BB2 TV Opacity EE (60-Min)	High Opacity No Events	Boiler Trip	Follow SOP	Process Problems

Version: 4.0 - 4.44

INTERNATIONAL PAPER

SUMMARY REPORT - Continuous Monitoring System Performance

Riverdale Mill

Bark Boiler 2 TV Opacity

Reporting Period: From 7/1/2011 To 10/1/2011

Report Run Date 10/13/2011 3:26 PM

CMS Performance Summary

Emission Point:	BB2 Opacity
Source Operating Time:	2064.5 Hours
Monitoring Equipment:	Opacity

CMS Downtime In Reporting Period Due To:	Duration Hours	Count No.
a. Monitor Equipment Malfunctions	0.1	1
b. Non-Monitor Equipment Malfunctions	0.0	0
c. Quality Assurance/Quality Control Calibrations	11.6	96
Total malfunctions & QA/QC calibrations	11.7	97
d. Other Known Causes	0.0	0
e. Other Unknown Causes	0.0	0
Total Other causes	0.0	0
Total CMS downtime	11.7	97
[(Total CMS downtime)/(Total source operating time)]X100 (%)	0.57%	

INTERNATIONAL PAPER

Version 4.0 - 4.44

Riverdale Mill

DETAIL REPORT - Continuous Monitoring System Performance

Bark Boiler 2 TV Opacity

Reporting Period: From 7/1/2011 To 10/1/2011

Report Run Date: 10/13/2011 3:26 PM

CMS Performance Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
Bark Boiler 2 TV Opacity							
7/1/2011 9:05 AM	7/1/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/2/2011 9:05 AM	7/2/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/3/2011 9:05 AM	7/3/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/4/2011 9:05 AM	7/4/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/5/2011 9:05 AM	7/5/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/6/2011 9:05 AM	7/6/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/6/2011 2:29 PM	7/6/2011 2:59 PM	0.5	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/6/2011 2:59 PM	7/6/2011 3:11 PM	0.2	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/7/2011 8:29 AM	7/7/2011 9:41 AM	1.2	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/7/2011 9:41 AM	7/7/2011 9:53 AM	0.2	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/8/2011 9:05 AM	7/8/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/9/2011 9:05 AM	7/9/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/10/2011 9:05 AM	7/10/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/11/2011 9:05 AM	7/11/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/12/2011 9:05 AM	7/12/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/12/2011 1:41 PM	7/12/2011 1:53 PM	0.2	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/13/2011 9:05 AM	7/13/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/14/2011 9:05 AM	7/14/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/15/2011 9:05 AM	7/15/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/16/2011 9:05 AM	7/16/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/17/2011 9:05 AM	7/17/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/18/2011 9:05 AM	7/18/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/20/2011 9:05 AM	7/20/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/21/2011 9:05 AM	7/21/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/22/2011 9:05 AM	7/22/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/23/2011 9:05 AM	7/23/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/24/2011 9:05 AM	7/24/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/25/2011 9:05 AM	7/25/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/26/2011 9:05 AM	7/26/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/27/2011 9:05 AM	7/27/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/28/2011 9:05 AM	7/28/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/29/2011 9:05 AM	7/29/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/30/2011 9:05 AM	7/30/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
7/31/2011 9:05 AM	7/31/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/1/2011 9:05 AM	8/1/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/2/2011 9:05 AM	8/2/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/3/2011 9:05 AM	8/3/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/4/2011 9:05 AM	8/4/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/5/2011 9:05 AM	8/5/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/6/2011 9:05 AM	8/6/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/7/2011 9:05 AM	8/7/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/8/2011 9:05 AM	8/8/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/9/2011 9:05 AM	8/9/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/10/2011 9:05 AM	8/10/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/11/2011 9:05 AM	8/11/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/12/2011 9:05 AM	8/12/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/13/2011 9:05 AM	8/13/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/14/2011 9:05 AM	8/14/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/15/2011 9:05 AM	8/15/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/16/2011 9:05 AM	8/16/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/17/2011 9:05 AM	8/17/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/18/2011 9:05 AM	8/18/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/19/2011 9:05 AM	8/19/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/20/2011 9:05 AM	8/20/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/21/2011 9:05 AM	8/21/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations

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Riverdale Mill

DETAIL REPORT - Continuous Monitoring System Performance

Bark Boiler 2 TV Opacity

Reporting Period: From 7/1/2011 To 10/1/2011

Report Run Date: 10/13/2011 3:26 PM

CMS Performance Detail for SSM Events and Other Events

Start Time	End Time	Duration (Hours)	Location	Trouble	Cause	Correction	Report Code
8/22/2011 9:05 AM	8/22/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/23/2011 9:05 AM	8/23/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/24/2011 9:05 AM	8/24/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/25/2011 9:05 AM	8/25/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/26/2011 9:05 AM	8/26/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/27/2011 9:05 AM	8/27/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/28/2011 9:05 AM	8/28/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/29/2011 9:05 AM	8/29/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/30/2011 9:05 AM	8/30/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
8/31/2011 9:05 AM	8/31/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/1/2011 9:05 AM	9/1/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/2/2011 9:05 AM	9/2/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/3/2011 9:05 AM	9/3/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/4/2011 9:05 AM	9/4/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/5/2011 9:05 AM	9/5/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/6/2011 9:05 AM	9/6/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/7/2011 9:05 AM	9/7/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/8/2011 9:05 AM	9/8/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/9/2011 9:05 AM	9/9/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/10/2011 9:05 AM	9/10/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/12/2011 9:05 AM	9/12/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/12/2011 2:53 PM	9/12/2011 3:05 PM	0.2	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/13/2011 9:05 AM	9/13/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/13/2011 10:59 AM	9/13/2011 11:11 AM	0.2	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/13/2011 11:11 AM	9/13/2011 11:17 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/13/2011 11:17 AM	9/13/2011 11:23 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/13/2011 11:35 AM	9/13/2011 11:41 AM	0.1	BB2 TV Opacity DQ (6-Min)	Maintenance	Preventative Maintenance	Repair and return to service	QA/QC Calibrations
9/14/2011 9:05 AM	9/14/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	Monitor Equipment Malfunctions
9/15/2011 9:05 AM	9/15/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/16/2011 9:05 AM	9/16/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/17/2011 9:05 AM	9/17/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/20/2011 9:05 AM	9/20/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/21/2011 9:05 AM	9/21/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/22/2011 9:05 AM	9/22/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/23/2011 9:05 AM	9/23/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/24/2011 9:05 AM	9/24/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/25/2011 9:05 AM	9/25/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/26/2011 9:05 AM	9/26/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/27/2011 9:05 AM	9/27/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/28/2011 9:05 AM	9/28/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/29/2011 9:05 AM	9/29/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations
9/30/2011 9:05 AM	9/30/2011 9:11 AM	0.1	BB2 TV Opacity DQ (6-Min)	Automatic Calibration	Passed	None	QA/QC Calibrations

INTERNATIONAL PAPER

COMPLIANCE REPORT

for meeting reporting requirements of Title V

General Information

Facility Identification	
Name:	**Riverdale Mill**
Address:	**601 County Road 78**
City:	**Selma** State: **Alabama** Zip: **36703**
End of Reporting Period	9/30/2011
Relevant standard that is the basis for this report	Title V
Process units covered by this report	- No 3 Lime Kiln - TRS
Reports submitted for each process unit	- Emission Data Summary - CMS Performance Summary - Emission Data Detail for SSM Events and Other Events - CMS Performance Detail for Downtime Events

Notes/Comments:

Certification

Based on information and belief formed after reasonable inquiry, I certify, to the best of my knowledge, that the statements and information in this submission are true, accurate, and complete.

Name: Russell V. Harris

Title: Mill Manager

Signature: Russell V. Harris

Report Date: 10/26/11

INTERNATIONAL PAPER
RIVERDALE MILL, 601 COUNTY ROAD 78
SELMA, ALABAMA 36703

CONTINUOUS EMISSION MONITOR MONTHLY REPORT
SUPPLEMENTAL FORM

SOURCE NAME:	#3 LIME KILN
EMISSION POINT LOCATION:	STACK
POLLUTANT MONITORED:	TRS
MONITOR MANUFACTURER:	ACS
SYSTEM MODEL No.:	600
ANALYZER MODEL No.:	API 100E
SYSTEM SERIAL No.:	06107C LK3
ANALYZER SERIAL No.:	1356
DATE OF CERTIFICATION:	APRIL 2007
TIME PERIOD:	THIRD QUARTER 2011
TOTAL SOURCE OPERATION TIME:	2,134
DATE:	10/14/2011

REASON FOR EXCESS EMISSION:	TOTAL DURATION HOURS
A Startup / Shutdown	0
B Cleaning / Sootblowing	0
C Process Equipment Malfunction	0
D Unknown/Other	0
REASON FOR MONITOR DOWNTIME	
E Monitor Equipment Malfunction	0
F Non-Monitor Equipment Malfunction	0
G Calibration	0
H Unknown/Other	0

TO BE FILLED IN BY STATE AGENCY

CDS SOURCE ID #:_____

CDS COUNTY #:_____

DATE CEM MONTHLY REPORT RECEIVED: _____

INTERNATIONAL PAPER
RIVERDALE MILL, 601 COUNTY ROAD 78
SELMA, ALABAMA 36703

CONTINUOUS EMISSION MONITOR REPORT

SOURCE NAME: No. 3 LIME KILN

POLLUTANT MONITORED: TRS

TIME PERIOD: THIRD QUARTER 2011

EXCURSION DATE	EXCURSION REASON CODE	EXCURSION CORRECTIVE ACTION CODE

REASON FOR EXCESS EMISSION:
A Startup / Shutdown
B Cleaning / Sootblowing
C Process Equipment Malfunction
D Unknown / Other

REASON FOR MONITOR DOWNTIME:
E Monitor Equipment Malfunction
F Non-Monitor Equipment Malfunction
G Calibration
H Unknown / Other

EXCURSION CORRECTIVE ACTION

CORRECTIVE ACTION FOR EXCESS EMISSION:
A Complete Startup / Shutdown
B Complete Cleaning / Sootblowing
C Correct Process Equipment Malfunction
D Unknown / Other

CORRECTIVE ACTION FOR MONITOR DOWNTIME:
E Correct Monitor Equipment Malfunction
F Correct Non-Monitor Equipment Malfunction
G Complete Calibration
H Unknown / Other

TRS Summary Report

Source: LK3 JUL 2011
Limit: 12 Hr Corrected Avg > 8ppm
Units: ppm

	1st 12 Hour Averages			2nd 12 Hour Averages			
Date	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
7/1/11	7.87	3.21	2.68	7.28	2.32	1.86	
7/2/11	7.42	3.08	2.49	7.45	1.78	1.44	
7/3/11	6.97	3.63	2.84	7.50	3.34	2.71	
7/4/11	8.02	2.26	1.91	7.89	3.70	3.10	
7/5/11	9.19	3.87	3.61	7.50	3.01	2.45	
7/6/11	7.45	2.34	1.90	7.99	1.17	0.99	
7/7/11	7.65	1.19	0.98	7.94	0.56	0.47	
7/8/11	7.75	1.09	0.90	7.65	1.44	1.19	
7/9/11	8.79	1.42	1.27	7.71	0.99	0.82	
7/10/11	8.33	0.67	0.58	8.68	0.49	0.44	
7/11/11	10.76	0.32	0.35	11.45	0.31	0.35	
7/12/11	6.88	1.92	1.49	7.09	3.92	3.09	
7/13/11	7.25	1.91	1.52	9.29	1.08	1.01	
7/14/11	8.31	1.37	1.18	9.62	0.46	0.45	
7/15/11	7.14	1.96	1.55	7.50	3.65	2.97	
7/16/11	7.72	1.48	1.22	8.08	2.98	2.53	
7/17/11	8.17	4.26	3.65	7.60	3.54	2.90	
7/18/11	7.87	4.75	3.97	7.77	2.67	2.22	
7/19/11	7.84	4.59	3.83	7.81	1.72	1.44	
7/20/11	8.29	1.50	1.30	7.65	1.50	1.23	
7/21/11	8.02	4.29	3.63	8.69	4.45	3.97	
7/22/11	7.22	1.92	1.53	7.90	3.14	2.63	
7/23/11	7.57	2.02	1.66	7.58	2.76	2.26	
7/24/11	7.83	0.71	0.59	8.07	2.55	2.17	
7/25/11	7.79	2.61	2.17	7.27	4.09	3.27	
7/26/11	8.45	3.11	2.73	7.57	1.42	1.16	
7/27/11	7.91	2.77	2.33	7.27	1.85	1.48	
7/28/11							
7/29/11	11.64	3.05	3.59	8.52	1.66	1.47	Down
7/30/11	10.77	1.72	1.85	7.76	3.00	2.49	
7/31/11	7.92	2.95	2.47	7.32	2.61	2.09	

Total Production: 717 Hours

TRS Summary Report

Source: LK3 AUG 2011
Limit: 12 Hr Corrected Avg > 8ppm
Units: ppm

	1st 12 Hour Averages			2nd 12 Hour Averages			
Date	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
8/1/11	8.66	3.23	2.88	7.36	4.98	4.01	
8/2/11	8.96	2.77	2.53	7.83	2.54	2.12	
8/3/11	6.71	1.02	0.79	6.52	2.09	1.58	
8/4/11	6.84	5.41	4.20	7.40	1.85	1.49	
8/5/11	7.18	0.67	0.54	7.59	0.64	0.53	
8/6/11	8.92	0.68	0.62	7.83	1.26	1.05	
8/7/11	8.24	2.87	2.47	7.54	1.71	1.40	
8/8/11	7.84	1.86	1.55	7.30	1.98	1.59	
8/9/11	7.35	2.51	2.02	7.53	2.96	2.42	
8/10/11	8.13	2.76	2.36	7.73	3.82	3.16	
8/11/11	7.53	1.38	1.13	7.50	3.39	2.76	
8/12/11	7.55	1.02	0.83	7.33	4.45	3.57	
8/13/11	7.33	1.12	0.90	7.71	4.18	3.46	
8/14/11	8.02	3.37	2.85	7.30	4.08	3.27	
8/15/11	7.54	2.52	2.05	7.80	2.19	1.82	
8/16/11	8.47	2.92	2.56				
8/17/11	7.43	1.94	1.57	7.44	2.33	1.88	Down
8/18/11	7.70	1.38	1.14	9.23	0.98	0.91	
8/19/11	8.46	1.99	1.74	7.77	1.37	1.14	
8/20/11	6.91	3.02	2.35	7.66	4.23	3.48	
8/21/11	7.23	3.82	3.05	7.34	4.19	3.37	
8/22/11	7.05	3.12	2.46	7.14	2.44	1.94	
8/23/11	8.39	5.55	4.84	7.93	5.27	4.43	
8/24/11	7.64	2.26	1.86	7.34	3.57	2.87	
8/25/11	7.98	5.75	4.85	7.38	2.75	2.22	
8/26/11	7.53	3.71	3.02	7.58	2.26	1.85	
8/27/11	7.97	2.11	1.78	7.56	1.14	0.93	
8/28/11	7.93	1.65	1.39	7.62	0.86	0.71	
8/29/11	7.33	1.96	1.58	7.65	0.87	0.72	
8/30/11	7.32	4.90	3.93	7.73	2.14	1.77	
8/31/11	7.18	3.38	2.69	7.36	2.27	1.83	

Total Production: 725 Hours

TRS Summary Report

Source: LK3 SEP 2011
Limit: 12 Hr Corrected Avg > 8ppm
Units: ppm

	1st 12 Hour Averages			2nd 12 Hour Averages			
Date	O2	TRS	TRS /O2	O2	TRS	TRS /O2	COMMENTS
9/1/11	7.54	4.24	3.46	7.91	1.56	1.31	
9/2/11	7.63	2.47	2.03	8.09	1.83	1.56	
9/3/11	7.52	1.32	1.08	7.62	5.64	4.63	
9/4/11	9.21	4.52	4.21	7.15	4.18	3.31	
9/5/11	9.05	1.65	1.52	7.12	2.30	1.82	
9/6/11	7.59	1.80	1.47	6.88	1.55	1.21	
9/7/11	7.69	1.83	1.51	6.90	2.29	1.78	
9/8/11	7.54	0.99	0.81	12.74	0.22	0.30	
9/9/11	12.70	0.27	0.36				
9/10/11	13.33	0.18	0.25	7.91	1.34	1.13	Down
9/11/11	7.45	2.12	1.72	8.28	4.13	3.57	
9/12/11	11.80	5.57	6.68	7.88	3.48	2.91	
9/13/11	9.12	4.58	4.23	9.49	1.48	1.41	
9/14/11	8.22	7.01	6.03	8.21	2.18	1.87	
9/15/11	8.48	1.37	1.20	7.40	4.83	3.90	
9/16/11	8.07	1.28	1.09	7.80	1.06	0.88	
9/17/11	7.79	0.68	0.56	7.99	2.33	1.97	
9/18/11	8.27	1.84	1.59	7.65	2.92	2.40	
9/19/11	9.47	1.10	1.05	7.85	3.87	3.24	
9/20/11	7.60	4.00	3.28	7.84	4.18	3.49	
9/21/11	8.07	3.71	3.15	9.14	0.86	0.80	
9/22/11	10.42	2.30	2.40	8.05	1.48	1.26	
9/23/11	8.85	1.21	1.09	8.30	1.05	0.91	
9/24/11	7.67	3.63	2.99	8.13	1.23	1.05	
9/25/11	8.81	2.40	2.17	7.39	1.91	1.54	
9/26/11	7.25	5.46	4.36	7.52	4.41	3.59	
9/27/11	7.34	3.58	2.88				
9/28/11	7.54	7.38	6.02	6.73	4.92	3.79	Down
9/29/11	7.29	4.53	3.63	8.03	4.66	3.94	
9/30/11	10.30	3.55	3.65	9.45	4.77	4.53	

Total Production: 692 Hours