

**Coal Combustion Byproducts (CCB)  
Annual Generator Tonnage Report**

**Instructions for Calendar Year 2008**

RECEIVED  
FEB 18 2009  
Solid Waste Program

The following is general information relating to the requirement for reporting quantities of coal combustion byproducts that were managed in the State of Maryland during calendar year 2008. Please answer the questions on the form provided, attaching additional information and any requested supplemental information to the back of the form.

**I. Background.** This requirement that generators of coal combustion byproducts (CCBs) submit an annual report was instituted in the Code of Maryland Regulations COMAR 26.04.10.08, that was promulgated effective December 1, 2008. The regulation requires that any non-residential generator of CCBs submit a report to the Department by March 1 of each year describing the manner in which CCBs generated within the State were managed during the preceding calendar year. In addition, for this first report, information concerning CCB activity during the past 5 years is required to be submitted, to the extent that this is known. Additional information and specific instructions follow. For more detailed information, please refer to COMAR 26.04.10.08.

**II. General Information and Applicability.**

**A. Definitions.** Coal combustion byproducts are defined in COMAR 26.04.10.02B as:

- "(3) Coal Combustion Byproducts. (a) "Coal combustion byproducts" means the residue generated by or resulting from the burning of coal.*  
*(b) "Coal combustion byproducts" includes fly ash, bottom ash, boiler slag, pozzolan, and other solid residuals removed by air pollution control devices from the flue gas and combustion chambers of coal burning furnaces and boilers, including flue gas desulfurization sludge and other solid residuals recovered from flue gas by wet or dry methods. "*

A generator of CCBs is defined in COMAR 26.04.10.02B as:

- "(9) Generator.*  
*(a) "Generator" means a person whose operations, activities, processes, or actions create coal combustion byproducts.*  
*(b) "Generator" does not include a person who only generates coal combustion byproducts by burning coal at a private residence."*

Facility Name: NewPage Corporation  
(Luke Mill)

## CCB Tonnage Report – 2008

**B. Applicability.** If you or your company meet the definition of a generator of CCBs as defined above, you must provide the information as required below. For the purposes of this report, "you" shall hereinafter refer to the generator defined above. Please note that COMAR 26.04.10.08 requires generators of CCBs to submit an annual report to the Department concerning the disposition of the CCBs that they generated the previous year.

**III. Required Information.** The following information must be provided to the Department by March 1, 2009:

**A. Contact information:**

Facility Name: NewPage Corporation (Luke Mill)

Name of Permit Holder: Moran Coal Company, Inc.

Facility Address: 300 Pratt Street  
Street

Facility Address: Luke Maryland 21540  
City State Zip

County: Allegany

Contact Information (Person filing report or Environmental Manager)

Facility Telephone No.: (301) 359-3311 Facility Fax No.: (301) 359-2040

Contact Name: Larry A. Johnson

Contact Title: Environmental Engineer

Contact Address: 300 Pratt Street  
Street

Contact Address: Luke Maryland 21540  
City State Zip

Contact Email: laj9@newpagecorp.com

Contact Telephone No.: (301) 359-3311 Contact Fax No.: (301) 359-2040

*For questions on how to complete this form, please call Mr. Tariq Masood, Head of the Office of Reports and Data Management, Solid Waste Program at 410-537-3326.*

Facility Name: NewPage Corporation  
(Luke Mill)

### CCB Tonnage Report – 2008

B. A description of the process that generates the coal combustion byproducts, including the type of coal or other raw material that generates the coal combustion byproducts. If the space provided is insufficient, please attach additional pages:

Approximately 1,200 ton of bituminous coal is delivered daily by three different suppliers. The coal is burned in two power boilers, #24 & #25, for the purpose of generating steam power and heat to the mill. The Fly ash is collected in our fabric filter baghouse and the bottom ash is collected in our ash lagoon.

C. In the first Annual Report you submit, the annual volume of coal combustion byproducts generated during the last 5 calendar years, including an identification of the different types of coal combustion byproducts generated and the volume of each type generated. (Please note that in subsequent years you need only provide the information in this paragraph for the last calendar year.) If the space provided is insufficient, please attach additional pages in a similar format:

Table I: Volume of CCBs Generated for Previous 5 Years:

Reporting Year	Volume of CCB Type:	Volume of CCB Type:	Volume of CCB Type:
	#24 Fly Ash	#25 Fly Ash	Bottom Ash
2008	12,784 tons	51,988 tons	20,454 tons
2007	12,268 tons	49,889 tons	19,629 tons
2006	12,233 tons	49,747 tons	19,573 tons
2005	12,018 tons	48,873 tons	19,229 tons
2004	11,662 tons	47,423 tons	18,658 tons

Additional notes:

---

---

---

---

---

---

---

---

Facility Name: NewPage Corporation  
(Luke Mill)

### CCB Tonnage Report – 2008

D. Descriptions of any modeling or risk assessments, or both, conducted relating to the coal combustion byproducts or their use, that were performed by you or your company during the reporting year. Please attach this information to the report. N/A

E. Copies of all laboratory reports of all chemical characterizations of the coal combustion byproducts. Please attach this information to the report. (see Attachment E)

F. In this first Annual Report you submit, a description of how you disposed of or used your coal combustion byproducts in the last 5 calendar years (Please note that in subsequent years you need only provide the information in this paragraph for the last calendar year), identifying:

(a) The types and volume of coal combustion byproducts disposed of or used (if different than described in Paragraph C above), the location of disposal, mine reclamation and use sites, and the type and volume of coal combustion byproducts disposed of or used at each site:

All the CCB material generated from the Luke Mill Facility has been hauled away and disposed into a mine reclamation site permitted by Moran Coal Company. This site was permitted in 2002 and remains active under a Storm Water General Discharge Permit #02SW1421 and Garrett County Grading Permit #2000-264.

and (b) The different uses by type and volume of coal combustion byproducts:

N/A

If the space provided is insufficient, please attach additional pages in a similar format. . (Please note that in subsequent years you need only provide the information in Section F for the last calendar year).





JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID: #24 FLY ASH

DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	CONCENTRATION FOUND (mg/l)	MAXIMUM CONCENTRATION (mg/l)
D004	ARSENIC	.68	5.00
D005	BARIUM	1.24	100.0
D006	CADMIUM	.06	1.0
007	CHROMIUM	.31	5.0
D008	LEAD	.15	5.0
D009	MERCURY	<.0002	.2
D010	SELENIUM	<.02	1.0
D011	SILVER	<.01	5.0

% SOLIDS: 100  
 SLURRY pH: 3.09  
 Final pH of Extract: 4.92  
 Extraction fluid used: 1

EXTRACTION PERFORMED BY:  
 DB/SW

\*Client provided

X Compliant \_\_\_ Non-compliant (see attached)

vicinity characteristics

APPROVED

*[Signature]*

# Sturm Environmental Services

JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID: #25 FLY ASH

DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

## TOXICITY CHARACTERISTIC LEACHING PROCEDURE

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	CONCENTRATION FOUND (mg/l)	MAXIMUM CONCENTRATION (mg/l)
D004	ARSENIC	.49	5.00
D005	BARIUM	1.83	100.0
D006	CADMIUM	.04	1.0
D007	CHROMIUM	.08	5.0
D008	LEAD	<.02	5.0
D009	MERCURY	.0003	.2
D010	SELENIUM	<.02	1.0
D011	SILVER	<.01	5.0

% SOLIDS: 100

SLURRY pH: 9.19

Final pH of Extract: 4.91

Extraction fluid used: 1

EXTRACTION PERFORMED BY:

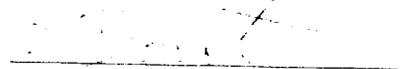
DB/SW

\*Client provided

X Compliant \_\_\_ Non-compliant (see attached)

Toxicity characteristics

APPROVED





JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID: BOTTOM ASH

DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

**TOXICITY CHARACTERISTIC LEACHING PROCEDURE**

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	CONCENTRATION FOUND (mg/l)	MAXIMUM CONCENTRATION (mg/l)
D004	ARSENIC	.03	5.00
D005	BARIUM	.93	100.0
D006	CADMIUM	<.01	1.0
D007	CHROMIUM	.05	5.0
D008	LEAD	.02	5.0
D009	MERCURY	<.0002	.2
D010	SELENIUM	<.02	1.0
D011	SILVER	<.01	5.0

% SOLIDS: 100

SLURRY pH: 6.90

Final pH of Extract: 4.90

Extraction fluid used: 1

EXTRACTION PERFORMED BY:

DB/SW

\*Client provided

X Compliant \_\_\_ Non-compliant (see attached)

Toxicity characteristics

APPROVED

\_\_\_\_\_



# Sturm Environmental Services

JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID #24 FLY ASH

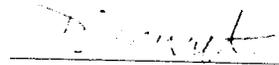
DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

PARAMETER	RESULTS mg/kg	EPA METHOD	DETECTION LIMIT	DATE ANALYZED	TIME ANALYZED	ANALYST
As	440.	3050B / 7010	.05	01-07-09	1515	RC
Cd	3.25	3050B / 7010	.25	01-07-09	1513	AD
Cr	51.4	3050B / 7010	2.50	01-07-09	1513	AD
Cu	102.	3050B / 7010	1.00	01-07-09	1513	AD
Pb	97.0	3050B / 7010	.05	01-08-09	0927	RC
Hg	1.48	7472 / Cold Vapor	.25	01-07-09	1618	RC
Mo	55.5	3050b / 7010	.50	01-07-09	1513	AD
Se	.565	3050B / 7010	.10	01-07-09	1331	RC
Zn	.356	3050B / 7010	.25	01-07-09	1513	AD

\* client Provided Note: All Detection limits based upon 100% solids and 2 gms sample digested.

Compliant \_\_\_ Non-Compliant



Approved



JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID #24 FLY ASH

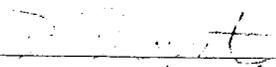
DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

PARAMETER	RESULTS mg/kg	EPA METHOD	DETECTION LIMIT	DATE ANALYZED	TIME ANALYZED	ANALYST
Ba	448.	3050B / 6010B	5.0	01-07-09	1513	AD
B	59.0	3050B / 6010B	5.0	01-07-09	1513	AD
Li	36.5	3050B / 6010B	5.0	01-07-09	1618	AD
Mn	94.0	3050B / 6010B	.5	01-07-09	1513	AD
Ag	.30	3050B / 6010B	.10	01-07-09	1047	AD
Al	23600.	3050B / 6010B	2.5	01-07-09	1513	AD

\* client Provided Note: All Detection limits based upon 100% solids and 2 gms sample digested.

Compliant  Non-Compliant

  
 \_\_\_\_\_  
 Approved

# Sturm Environmental Services

JOHN W. STURM, P.E. D.E.P.

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID #25 FLY ASH

DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

PARAMETER	RESULTS mg/kg	EPA METHOD	DETECTION LIMIT	DATE ANALYZED	TIME ANALYZED	ANALYST
As	18.4	3050B / 7010	.05	01-07-09	1515	RC
Cd	.750	3050B / 7010	.25	01-07-09	1513	AD
Cr	9.0	3050B / 7010	2.50	01-07-09	1513	AD
Cu	10.0	3050B / 7010	1.00	01-07-09	1513	AD
Pb	.85	3050B / 7010	.05	01-08-09	0927	RC
Hg	2.72	7472 / Cold Vapor	.25	01-07-09	1618	RC
Mo	<.50	3050b / 7010	.50	01-07-09	1513	AD
Se	4.17	3050B / 7010	.10	01-07-09	1331	RC
Zn	8.95	3050B / 7010	.25	01-07-09	1513	AD

\* client Provided Note: All Detection limits based upon 100% solids and 2 gms sample digested.

Compliant \_\_\_ Non-Compliant



Approved



JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID #25 FLY ASH

DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

PARAMETER	RESULTS mg/kg	EPA METHOD	DETECTION LIMIT	DATE ANALYZED	TIME ANALYZED	ANALYST
Ba	217.	3050B / 6010B	5.0	01-07-09	1513	AD
B	13.5	3050B / 6010B	5.0	01-07-09	1513	AD
Li	17.0	3050B / 6010B	5.0	01-07-09	1618	AD
Mn	50.5	3050B / 6010B	.5	01-07-09	1513	AD
Ag	<.10	3050B / 6010B	.10	01-07-09	1047	AD
Al	6500.	3050B / 6010B	2.5	01-07-09	1513	AD

\* client Provided Note: All Detection limits based upon 100% solids and 2 gms sample digested.

Compliant  Non-Compliant

  
 \_\_\_\_\_  
 Approved

# Sturm Environmental Services

JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID BOTTOM ASH

DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

PARAMETER	RESULTS mg/kg	EPA METHOD	DETECTION LIMIT	DATE ANALYZED	TIME ANALYZED	ANALYST
As	3.50	3050B / 7010	.05	01-07-09	1515	RC
Cd	.50	3050B / 7010	.25	01-07-09	1513	AD
Cr	25.5	3050B / 7010	2.50	01-07-09	1513	AD
Cu	8.0	3050B / 7010	1.00	01-07-09	1513	AD
Pb	.30	3050B / 7010	.05	01-08-09	0927	RC
Hg	.217	7472 / Cold Vapor	.25	01-07-09	1618	RC
Mo	<.50	3050b / 7010	.50	01-07-09	1513	AD
Se	1.82	3050B / 7010	.10	01-07-09	1331	RC
Zn	6.15	3050B / 7010	.25	01-07-09	1513	AD

\* client Provided Note: All Detection limits based upon 100% solids and 2 gms sample digested.

 Compliant  Non-Compliant


Approved



JOHN W. STURM, PRESIDENT

COMPANY: NEW PAGE CORPORATION

DATE/TIME SAMPLED:\* 12-18-08 1330

SAMPLE ID BOTTOM ASH

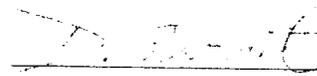
DATE/TIME RECEIVED: 12-23-08 1600

SAMPLED BY: L. JOHNSON

PARAMETER	RESULTS mg/kg	EPA METHOD	DETECTION LIMIT	DATE ANALYZED	TIME ANALYZED	ANALYST
Ba	222.	3050B / 6010B	5.0	01-07-09	1513	AD
B	23.5	3050B / 6010B	5.0	01-07-09	1513	AD
Li	17.5	3050B / 6010B	5.0	01-07-09	1618	AD
Mn	133.	3050B / 6010B	.5	01-07-09	1513	AD
Ag	<.10	3050B / 6010B	.10	01-07-09	1047	AD
Al	24200.	3050B / 6010B	2.5	01-07-09	1513	AD

\* client Provided Note: All Detection limits based upon 100% solids and 2 gms sample digested.

Compliant  Non-Compliant

  
Approved

## Laboratory Results

## Geochemical Testing

Date: 02-Dec-08

CLIENT: NEW PAGE  
 Lab Order: G0811564  
 Project:  
 Lab ID: G0811564-001  
 Matrix: FLY ASH

Client Sample ID: #24 Fly Ash

Sampled By: Client  
 Collection Date: 11/16/2008 8:00:00 AM  
 Received Date: 11/21/2008 1:51:23 PM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
<b>MERCURY</b>		<b>ASTM D6722</b>				Analyst: GAL
Mercury	0.51	0.01		mg/Kg-dry	1	11/21/2008
<b>CARBONATE RESULTS</b>		<b>ASTM D 6349</b>				Analyst: JAS
Calcium Carbonate Equivalent	3.7	0		%	1	11/24/2008
<b>TOTAL METALS</b>		<b>EPA 6010</b>				Analyst: NPT
Aluminum	9690	5.0		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Arsenic	236	1.0		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Barium	201	0.5		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Cadmium	< 0.1	0.1		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Chromium	59.8	0.5		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Copper	53.6	0.5		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Lead	36.6	1.0		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Manganese	63.6	0.5		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Selenium	7.1	1.0		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Silver	< 0.2	0.2		mg/Kg-dry	1	11/26/2008 6:15:00 PM
Zinc	136	0.5		mg/Kg-dry	1	11/26/2008 6:15:00 PM
<b>SOLID PH</b>		<b>EPA 9045</b>				Analyst: APM
Solid pH	5.30	1.00		su	1	11/24/2008
Temperature	21.30	0		su	1	11/24/2008

## Laboratory Results

## Geochemical Testing

Date: 07-Aug-08

CLIENT: NEW PAGE

Client Sample ID: 24 Fly Ash

Lab Order: G0807541

Project:

Sampled By: Client

Lab ID: G0807541-001

Collection Date: 7/22/2008 1:30:00 PM

Matrix: FLY ASH

Received Date: 7/23/2008 8:02:39 AM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
<b>TOTAL METALS</b>				<b>EPA 6010</b>		Analyst: JAS
Aluminum	5050	25.0		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Arsenic	21.0	1.0		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Barium	179	0.5		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Cadmium	< 0.1	0.1		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Chromium	11.5	0.5		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Copper	16.8	2.5		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Lead	4.7	1.0		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Manganese	35.8	2.5		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Selenium	5.5	1.0		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Silver	< 0.2	0.2		mg/Kg-dry	1	7/29/2008 1:35:00 AM
Zinc	90.5	2.5		mg/Kg-dry	1	7/29/2008 1:35:00 AM
<b>TOTAL METALS</b>				<b>EPA 7471</b>		Analyst: NPT
Mercury	0.76	0.10		mg/Kg-dry	1	7/25/2008 3:59:00 PM

## Laboratory Results

## Geochemical Testing

Date: 02-Dec-08

CLIENT: NEW PAGE  
 Lab Order: G0811564  
 Project:  
 Lab ID: G0811564-002  
 Matrix: FLY ASH

Client Sample ID: #25 Fly Ash

Sampled By: Client  
 Collection Date: 11/16/2008 8:00:00 AM  
 Received Date: 11/21/2008 1:51:23 PM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
<b>MERCURY</b>						
Mercury	0.34	0.01		mg/Kg-dry	1	11/21/2008
						Analyst: GAL
<b>CARBONATE RESULTS</b>						
Calcium Carbonate Equivalent	3.4	0		%	1	11/24/2008
						Analyst: JAS
<b>TOTAL METALS</b>						
						Analyst: NPT
Aluminum	4620	5.0		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Arsenic	14.5	1.0		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Barium	193	0.5		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Cadmium	< 0.1	0.1		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Chromium	24.5	0.5		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Copper	10.3	0.5		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Lead	2.3	1.0		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Manganese	90.9	0.5		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Selenium	4.3	1.0		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Silver	< 0.2	0.2		mg/Kg-dry	1	11/26/2008 6:19:00 PM
Zinc	6.7	0.5		mg/Kg-dry	1	11/26/2008 6:19:00 PM
<b>SOLID PH</b>						
						Analyst: APM
Solid pH	11.3	1.00		su	1	11/24/2008
Temperature	21.20	0		su	1	11/24/2008

## Laboratory Results

## Geochemical Testing

Date: 07-Aug-08

CLIENT: NEW PAGE

Client Sample ID: 25 Fly Ash

Lab Order: G0807541

Project:

Sampled By: Client

Lab ID: G0807541-002

Collection Date: 7/22/2008 1:30:00 PM

Matrix: FLY ASH

Received Date: 7/23/2008 8:02:39 AM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
<b>TOTAL METALS</b>		<b>EPA 6010</b>				Analyst: JAS
Aluminum	5420	25.0		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Arsenic	10.5	1.0		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Barium	391	0.5		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Cadmium	< 0.1	0.1		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Chromium	8.4	0.5		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Copper	10.9	2.5		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Lead	1.8	1.0		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Manganese	76.3	2.5		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Selenium	3.0	1.0		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Silver	< 0.2	0.2		mg/Kg-dry	1	7/29/2008 1:40:00 AM
Zinc	9.3	2.5		mg/Kg-dry	1	7/29/2008 1:40:00 AM
<b>TOTAL METALS</b>		<b>EPA 7471</b>				Analyst: NPT
Mercury	0.31	0.10		mg/Kg-dry	1	7/25/2008 3:41:00 PM



## Laboratory Results

## Geochemical Testing

Date: 07-Aug-08

CLIENT: NEW PAGE

Client Sample ID: Bottom Ash

Lab Order: G0807541

Project:

Sampled By: Client

Lab ID: G0807541-003

Collection Date: 7/22/2008 1:30:00 PM

Matrix: BOTTOM ASH

Received Date: 7/23/2008 8:02:39 AM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
<b>TOTAL METALS</b>		<b>EPA 6010</b>				<b>Analyst: JAS</b>
Aluminum	2990	25.0		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Arsenic	334	1.0		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Barium	75.6	0.5		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Cadmium	< 0.1	0.1		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Chromium	12.7	0.5		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Copper	29.9	2.5		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Lead	26.1	1.0		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Manganese	734	2.5		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Selenium	2.7	1.0		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Silver	< 0.2	0.2		mg/Kg-dry	1	7/29/2008 1:18:00 AM
Zinc	172	2.5		mg/Kg-dry	1	7/29/2008 1:18:00 AM
<b>TOTAL METALS</b>		<b>EPA 7471</b>				<b>Analyst: NPT</b>
Mercury	2.2	0.10		mg/Kg-dry	1	7/25/2008 4:03:00 PM