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FEB 27 2012

SOLID WASTE  
OPERATIONS DIVISION

**Coal Combustion Byproducts (CCB)  
Annual Generator Tonnage Report  
Instructions for Calendar Year 2011**

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 2011. Please answer the questions on the form provided, attaching additional information and any requested supplemental information to the back of the form. Note that there were some changes to the form for this year, requiring both volume and weight of the CCBs produced. If you know one of these parameters but not the others, for example, you have the tonnage produced but not the volume, you may calculate the other parameter; however, please provide the calculations and assumptions that you used in your estimate. Questions can be directed to the Solid Waste Program at (410) 537-3315 or via email at [edexter@mde.state.md.us](mailto:edexter@mde.state.md.us).

**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. 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."*

NewPage Corporation-Luke Mill  
Facility Name: \_\_\_\_\_ **CCB Tonnage Report - 2011**

**B. Applicability.** If you or your company meets 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. **THIS INCLUDES CCBs THAT WERE NOT SEPERATELY COLLECTED BUT WERE PRODUCED BY THE BURNING OF COAL AND WERE DIRECTLY CONTRIBUTED TO A PRODUCT, such as cement.** Where the amount cannot be directly measured, estimates based on the amount of coal burned can be used. The method of determining the volume of CCBs produced must be described.

**III. Required Information.** The following information must be provided to the Department by March 1, 2012:

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A. Contact information:

FEB 27 2012

Facility Name: NewPage Corporation-Luke Mill

SOLID WASTE  
OPERATIONS DIVISION

Name of Permit Holder: Moran Coal Company

Facility Address: 300 Pratt Street  
Street

Facility Address: Luke MD 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 Johnson

Contact Title: Environmental Engineer

Contact Address: 300 Pratt Street  
Street

Contact Address: Luke MD 21540  
City State Zip

Contact Email: larry.johnson@newpagecorp.com

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

*For questions on how to complete this form, please contact the Solid Waste Program at  
410-537-3315*

Facility Name: \_\_\_\_\_

**CCB Tonnage Report – 2011**

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 tons of bituminous coal is delivered to the Luke Mill daily by three different coal suppliers. The coal is burned in two power boilers, #24 & #25, for the purpose of generating steam power, heat and electricity to the mill. The fly ash from the boilers are collected in our fabric filter baghouse and the bottom ash from both boilers is sent to our ash lagoon.

C. The volume and weight of coal combustion byproducts generated during calendar year 2011, including an identification of the different types of coal combustion byproducts generated and the volume of each type generated. If the space provided is insufficient, please attach additional pages in a similar format. If converting from volume to weight or weight to volume, please provide your calculations and assumptions.

**Table I: Volume and Weight of CCBs Generated for Calendar Year 2011:** Please note the change to this table from previous years, to include both the volume and weight of the types of CCBs your facility produces.

<b>Volume and Weight of CCBs Generated for Calendar Year 2011</b>			
Fly Ash	Bottom Ash		
Type of CCB	Type of CCB	Type of CCB	Type of CCB
1ton ash=28cu.ft.	1ton ash=28cu.ft.		
72,489tons X 28/ 27cu.ft./yd. =	22,891tons X 28/ 27cu.ft./yd. =		
75,174 cu.yds.	23,739 cu.yds.		
Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards
72,489 tons	22,891 tons		
Weight of CCB, in Tons	Weight of CCB, in Tons	Weight of CCB, in Tons	Weight of CCB, in Tons

Additional notes:

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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. A description of how you disposed of or used your coal combustion byproducts in calendar year 2011, identifying:

(a) The types and volume of coal combustion byproducts disposed of or used (if different than described in Paragraph C above) including any coal combustion byproducts stored during the previous calendar year, 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 of in an abandoned mine reclamation site owned and permitted by Moran Coal Company. The disposal site No. CCB-10-001 (Franklin Strip B) has been approved by the Land Management Administration, Bureau of Mines and is currently active.**

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

N/A

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If the space provided is insufficient, please attach additional pages in a similar format.

G. A description of how you intend to dispose of or use coal combustion byproducts in the next 5 years, identifying:

(a) The types and volume of coal combustion byproducts intended to be disposed of or used, the location of intended disposal, mine reclamation and use sites, and the type and volume of coal combustion byproducts intended to be disposed of or used at each site:

**The future disposal of the CCB byproducts from the Luke Mill will continue to be disposed into the abandoned mine reclamation site, permit #CCB-10-001, owned and operated by Moran Coal Company. The types of CCB material disposed of in this disposal facility includes fly ash, at approximately 73,000 tons and bottom ash, at approximately 23,000 tons.**

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

None

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If the space provided is insufficient, please attach additional pages in a similar format.





# MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101

## MDE

Martin O'Malley  
Governor

Robert M. Summers, Ph.D.  
Secretary

Anthony G. Brown  
Lieutenant Governor

### **2011 CCB Annual Generator Report Notes:**

Additional lab test results were submitted to the Department along with this generator report. Inquiries regarding these additional materials should be addressed to:

Ms. Martha Hynson  
Chief, Solid Waste Operations Division  
Land Management Administration  
(410) 537-3315  
[mhynson@mde.state.md.us](mailto:mhynson@mde.state.md.us)