

MH - first one!



**Mettiki Coal, LLC**  
James C. Ashby  
Manager, Environmental Affairs

January 3, 2012

Mr. Ed Dexter  
Solid Waste Program  
Maryland Department of the Environment  
Waste Management Administration  
1800 Washington Blvd., STE 605  
Baltimore, MD 21230-1719

Dear Mr. Dexter:

Enclosed please find one (1) copy of our 2011 Coal Combustion Byproducts (CCB)  
Annual Generator Tonnage Report form.

If you need additional information or clarification, please call.

Sincerely,

James C. Ashby

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**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. Questions can be directed to the Solid Waste Program at (410) 537-3318 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."*

**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

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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, 2011:

A. Contact information:

Facility Name: Mettiki Coal, LLC

Name of Permit Holder: Mettiki Coal, LLC

Facility Address: 293 Table Rock Road  
Street

Facility Address: Oakland Maryland 21550  
City State Zip

County: Garrett

Contact Information (Person filing report or Environmental Manager)

Facility Telephone No.: 301-334-5336 Facility Fax No.: 301-334-1602

Contact Name: James C. Ashby

Contact Title: Manager, Environmental Affairs

Contact Address: 293 Table Rock Road  
Street

Contact Address: Oakland Maryland 21550  
City State Zip

Contact Email: jim.ashby@arlp.com

Contact Telephone No.: 301-334-5336 Contact Fax No.: 301-334-1602

*For questions on how to complete this form, please call Edward Dexter, Solid Waste Program at 410-537-3318.*

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:

Coal thermal dryer burning bituminous coal. Raw Coal is first sent to the preparation plant where it is washed in a water bath to reduce sulfur and ash content. In the final stage of preparation, hot air from pulverized coal burners is passed through a fluidized bed of the wet washed coal in the thermal dryer to reduce the moisture content of the processed coal from approximately 15% to approximately 5% to meet contract specifications for shipment.

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C. The volume of coal combustion byproducts generated during calendar 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:

Table I: Volume of CCBs Generated for Calendar 2011:

Reporting Year	Volume of CCB Type: <u>Dryer Ash</u>	Volume of CCB Type:	Volume of CCB Type:
2011	30,480 cu. yds. 1,905 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. **NONE**

E. Copies of all laboratory reports of all chemical characterizations of the coal combustion byproducts. Please attach this information to the report. **See Attachment 1**

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

Volumes presented in Table 1 are disposed in MDE Permit # DM 84-101 refuse disposal site on Mettiki owned property near the mine in Garrett County Maryland. Material is comingled with alkaline materials on site for reclamation.

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

All volumes are for disposal in permitted site.

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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).

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 five (5) year average of approximately 30,000 cu/ft (1,900 tons) per year of ash is expected to be placed in our permitted coal refuse disposal site.

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

Disposal/Reclamation

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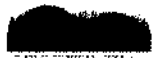
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If the space provided is insufficient, please attach additional pages in a similar format.

**IV. Signature and Certification.** An authorized official of the generator must sign the annual report, and certify as to the accuracy and completeness of the information contained in the annual report:

This is to certify that, to the best of my knowledge, the information contained in this report and any attached documents are true, accurate, and complete.

 Signature	<hr/> Michael Burch, General Manager, 301-334-5331 Name, Title, & Telephone No. (Print or Type)  <hr/> mike.burch@arlp.com Your Email Address	<hr/> 1-3-2012 Date
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**MDE**

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101

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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)