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MARYLAND DEPARTMENT OF THE ENVIRONMENT
Land Management Administration • Solid Waste Program
1800 Washington Boulevard • Suite 605 • Baltimore, Maryland 21230-1719
410-537-3375 • 800-633-6101 x3375 • www.mde.state.md.us

Coal Combustion Byproducts (CCB) Annual Generator Tonnage Report

Instructions for Calendar Year 2009

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 2009. 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. 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

Facility Name: Washington Middle School **CCB Tonnage Report – 2009**

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, 2010:

A. Contact information:

Facility Name: Washington Middle School

Name of Permit Holder: _____

Facility Address: 200 Massachusetts Avenue
Street

Facility Address: Cumberland MD 21502
City State Zip

County: Allegany

Contact Information (Person filing report or Environmental Manager)

Facility Telephone No.: 301-777-5360 Facility Fax No.: 301-777-8452

Contact Name: William J. Marley III

Contact Title: Supervisor of Maintenance and Construction

Contact Address: 211 Market Street
Street

Contact Address: Cumberland MD 21502
City State Zip

Contact Email: William.marleyiii@acps.k12.md.us

Contact Telephone No.: 301-759-2830 Contact Fax No.: 301-722-4305

For questions on how to complete this form, please call Mr. Edward Dexter, Administrator, 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:

Two (2) stoker coal boilers, firing bituminous coal, are used to provide hot water for building heat.

C. The annual volume of coal combustion byproducts generated during the last calendar year, 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 Previous Calendar Year:

Reporting Year	Volume of CCB Type: Bottom Ash (Tons)	Volume of CCB Type:	Volume of CCB Type:
2009	44.38		

Additional notes:

The amounts of CCBs generated by this facility were calculated using the quantities of coal used and the ash values from the corresponding coal analysis reports.

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.

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

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

The coal combustion byproducts (CCBs) generated by this facility are listed in Paragraph C., Table I.

The CCBs generated by this facility were transported to Pine Mountain Coal Company, Inc. located near Lonaconing, Maryland. The amounts of CCBs that were transported to this site are listed in Table I.

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

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:

Based on the past six calendar years of data, it is estimated that this facility will continue to generate approximately 38 tons of coal combustion byproducts (CCBs) each year that the coal fired boilers are in operation. The CCBs generated by this facility are classified as bottom ash.

All of the CCBs from this facility will be transported to an authorized mine reclamation site in Allegany or Garrett County Maryland, or to the Waste Management Mountain View landfill.

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

Bottom Ash – Approximately 0 tons to 38 tons per year – Authorized Mine Disposal Site

Bottom Ash – Approximately 0 tons to 38 tons per year – Landfill Facility

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	William J. Marley III, PE - Supervisor of Maintenance & Construction 301-759-2830 Name, Title, & Telephone No. (Print or Type) william.marleyiii@acps.k12.md.us Your Email Address	3/4/10 Date

Laboratory Results

Geochemical Testing

Date: *25-Feb-09*

CLIENT: MISC - C.I.A.
Client Sample ID: Phillips
Lab Order: G0902373
Project:
Sampled By: Client
Lab ID: G0902373-001
Collection Date: 2/13/2009
Matrix: COAL
Received Date: 2/16/2009 12:06:25 PM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
TCLP METALS		**EPA 7470**				Analyst: **GMG**
Mercury	< 0.0004	0.0004		mg/L	2	2/19/2009 12:22:00 PM
TCLP METALS		**EPA 6010**				Analyst: **GMG**
Arsenic	< 0.020	0.020		mg/L	1	2/24/2009 9:40:00 PM
Barium	0.367	0.300		mg/L	1	2/24/2009 6:37:00 AM
Cadmium	0.003	0.002		mg/L	1	2/24/2009 9:40:00 PM
Chromium	0.016	0.010		mg/L	1	2/24/2009 9:40:00 PM
Lead	< 0.020	0.020		mg/L	1	2/24/2009 6:37:00 AM
Selenium	< 0.020	0.020		mg/L	1	2/24/2009 9:40:00 PM
Silver	< 0.005	0.005		mg/L	1	2/24/2009 9:40:00 PM
TCLP EXTRACTION		**EPA 1311**				Analyst: **GAK**
Extraction Fluid Used	1.0	0			1	2/17/2009
Final pH	5.1	1.0			1	2/17/2009
Initial pH	4.0	1.0			1	2/17/2009
pH with water	4.0	1.0			1	2/17/2009
TCLP, non-volatile	GK/AM/DK	0			1	2/17/2009