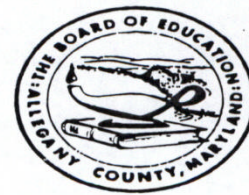


# Board of Education of Allegany County

Facilities Department  
 Post Office Box 1724  
 211 Market Street

Cumberland, Maryland 21502-0439

Phone: 301-759-2830 Fax: 301-722-4305



**Facilities**

TO: Maryland Department of the Environment  
 Waste Management Administration  
 Solid Waste Program  
 1800 Washington Boulevard, Suite 605  
 Baltimore, MD 21230-1719

## LETTER OF TRANSMITTAL

Date: February 18, 2014

Re: Coal Combustion Byproducts Annual Generator  
 Tonnage Report

### WE ARE SENDING YOU THE ATTACHED:

| COPIES | DATE      | DESCRIPTION   |
|--------|-----------|---|
| 1      | 2/18/2014 | Coal Combustion Byproducts Annual Generator Tonnage Report – Allegany High School     |
| 1      | 2/18/2014 | Coal Combustion Byproducts Annual Generator Tonnage Report – Braddock Middle School   |
| 1      | 2/18/2014 | Coal Combustion Byproducts Annual Generator Tonnage Report – Fort Hill High School    |
| 1      | 2/18/2014 | Coal Combustion Byproducts Annual Generator Tonnage Report – Washington Middle School |
|        |           |   |
|        |           |   |
|        |           |   |
|        |           |   |

THESE ARE TRANSMITTED as checked below:

- For approval     
  Approved as submitted     
  For your use     
  As requested  
 For review/comment     
  For payment     
  Faxed     
  FYI

REMARKS:

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**SOLID WASTE**

**FEB 21 2014**

**PROGRAM**

SIGNED: Will J. Manly

# MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land Management Administration • Solid Waste Program  
1800 Washington Boulevard • Suite 605 • Baltimore Maryland 21230-1719  
410-537-3315 • 800-633-6101 x3315 • [www.mde.maryland.gov](http://www.mde.maryland.gov)

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## **Coal Combustion Byproducts (CCBs) Annual Generator Tonnage Report Instructions for Calendar Year 2013**

The following is general information relating to the requirement for reporting quantities of coal combustion byproducts (CCBs) that were managed in the State of Maryland during calendar year 2013. Please answer the questions on the form provided, attaching additional information and any requested supplemental information to the back of the form. *Note that the form for this year requires 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 [ed.dexter@maryland.gov](mailto:ed.dexter@maryland.gov).

**I. Background.** This requirement that generators of 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.**

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**FEB 21 2014**

**A. Definitions.** CCBs are defined in COMAR 26.04.10.02B as:

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*“(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 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 SEPARATELY 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, 2014:

A. Contact information:

Facility Name: Braddock Middle School

Name of Permit Holder: N/A

Facility Address: 909 Holland Street  
Street

Facility Address: Cumberland MD 21502  
City State Zip

County: Allegany

Contact Information (Person filing report or Environmental Manager)

Facility Telephone No.: 301-777-990 Facility Fax No.: 301-777-9741

Contact Name: William J. Marley III, P.E.

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 contact the Solid Waste Program at 410-537-3315*

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

Two (2) fire-tube boilers, firing bituminous coal, are used to supply hot water for building heat.

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C. The volume and weight of CCBs generated during calendar year 2013, including an identification of the different types of CCBs 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 2013:** 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 2013</b> |                               |                               |                               |
|---|-------------------------------|-------------------------------|-------------------------------|
| Bottom Ash<br>Type of CCB   | Type of CCB                   | Type of CCB                   | Type of CCB                   |
| 44.37   |                               |                               |                               |
| Volume of CCB, in Cubic Yards                                     | Volume of CCB, in Cubic Yards | Volume of CCB, in Cubic Yards | Volume of CCB, in Cubic Yards |
| 27.02   |                               |                               |                               |
| Weight of CCB, in Tons  | Weight of CCB, in Tons        | Weight of CCB, in Tons        | Weight of CCB, in Tons        |

Additional notes:

The volume and weight of CCBs generated by this facility were calculated using the weight of coal purchased and the ash value reported from the corresponding coal analysis reports (provided by coal supplier).

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D. Descriptions of any modeling or risk assessments, or both, conducted relating to the CCBs 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 CCBs. Please attach this information to the report.

F. A description of how you disposed of or used your CCBs in calendar year 2013, identifying:

(a) The types and volume of CCBs disposed of or used (if different than described in Paragraph C above) including any CCBs stored during the previous calendar year, the location of disposal, mine reclamation and use sites, and the type and volume of CCBs disposed of or used at each site:

Bottom ash: 27.02 tons/44.37 yd<sup>3</sup>; Pine Mountain Coal Company, Frostburg, Maryland

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and (b) The different uses by type and volume of CCBs:

Bottom ash: 27.02 tons/44.37 yd<sup>3</sup>; road traction

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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 CCBs in the next 5 years, identifying:

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

Based on the past ten years of data, it is estimated that this facility will continue to generate approximately 49.36 tons/81.05 yd<sup>3</sup> of CCBs each year that the coal fired boilers are in operation. The CCBs generated by this facility are classified as bottom ash.

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and (b) The different intended uses by type and volume of CCBs.

All CCBs from this facility will be disposed of at an authorized disposal site.

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

Facility Name: Braddock Middle School

## CCB Tonnage Report – 2013

**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.

|  |   |   |
|--|---|---|
| <br>Signature | <p>William J. Marley III, Supervisor –<br/>Maintenance &amp; Construction</p> <hr/> <p>301-759-2830</p> <hr/> <p>Name, Title, &amp; Telephone No. (Print or Type)</p><br><p><u>william.marleyiii@acps.k12.md.us</u></p> <p>Your Email Address</p> | <p><u>2-18-14</u></p> <hr/> <p>Date</p> |
|--|---|---|

**V: Attachments (please list):**

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