

**From:** Ed Dexter  
**To:** Douglas M CIV NAVFAC Washington Hamm  
**CC:** Stephen Pattison; Tariq Masood  
**Date:** 2/25/2009 4:08 PM  
**Subject:** Re: CCB Tonnage Report for Naval District Washington - Indian Head

Sir,

We have no objection to you submitting the report as described with estimated data for 2004 and 2005, and providing more accurate data for 2004 and 2005 30 days later. Thank you for your efforts to comply with this requirement on short notice.

Edward M. Dexter, P.G., Administrator  
Solid Waste Program  
Maryland Department of the Environment  
1800 Washington Blvd., Suite 605  
Baltimore MD 21230-1719  
Phone (410) 537-3318  
Facsimile (410) 537-3842

>>> "Hamm, Douglas M CIV NAVFAC Washington" <[douglas.hamm@navy.mil](mailto:douglas.hamm@navy.mil)> 2/25/2009 4:04 PM >>>

Hi Mr. Dexter:

Per our discussion today, we will be submitting the CCB Tonnage Report for Naval District Washington - Indian Head on Friday, 27 February 2009.

2004 and 2005 tonnages and analytical data are not readily available, so we have based the total tonnage on historic averages and verified these averaged amounts with plant operators. Upon your direction, we will attempt to assemble more specific 2004/2005 tonnages. If we can complete this, it may take 2-3 weeks to gather and summarize the information. Please let me know what you would prefer and we will do our best to accommodate.

Thank you!

Doug

Douglas Hamm, E.I.T.  
Air Program Manager - Compliance Branch Environmental Division  
NAVFAC Washington, PWD South Potomac  
3972 Ward Road, Suite 101  
Indian Head, MD 20640-5157  
V: 301-744-2257; DSN: 354-2257  
F: 301-744-4180  
[douglas.hamm@navy.mil](mailto:douglas.hamm@navy.mil)



DEPARTMENT OF THE NAVY  
NAVAL SUPPORT ACTIVITY  
SOUTH POTOMAC  
6509 SAMPSON ROAD  
DAHLGREN, VIRGINIA 22448-5106

IN REPLY REFER TO  
5090  
Ser PRIH41DH/24  
217 FEB 2009

Mr. Edward M. Dexter, Administrator  
Maryland Department of the Environment  
Solid Waste Program, CCB Reports  
1800 Washington Blvd, Suite 605  
Baltimore, MD 21230-1719

Dear Mr. Dexter:

Naval Support Facility, Indian H  
Coal Combustion Byproducts (CCB) Ann  
for Calendar Year 2008.

Please note that we have traced k  
previous 3 years and interpolated dat  
Per your guidance, more specific tonn  
be submitted by 31 March 2009.

Please mail all correspondence to:

ATTN: Director, Environmenta  
Department of Navy  
NAVFAC Washington, PWD South Potomac  
3972 Ward Road, Suite 101  
Indian Head, MD 20640-5157

If you have any questions or comments concerning this letter,  
please contact Mr. Douglas M. Hamm on (301) 744-2257.

Sincerely,

JEFFREY C. BOSSART  
By direction

Enclosure: (1) CCB Tonnage Report - 2008

Copy: MDE (G. Franzoni)

RECEIVED  
MAD 03 2009

2004 & 2005  
numbers will  
be submitted  
in few weeks

Facility Name: NSA South Potomac

## 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: NSA South Potomac

Name of Permit Holder: Naval District Washington - Indian Head

Facility Address: 3972 Ward Road, Suite 101  
Street

Facility Address: Indian Head MD 20640-5157  
City State Zip

County: Charles

Contact Information (Person filing report or Environmental Manager)

Facility Telephone No.: (301) 744-2257 Facility Fax No.: (301) 744-4180

Contact Name: Doug Hamm

Contact Title: Air Program Manager

Contact Address: 3972 Ward Road, Suite 101  
Street

Contact Address: Indian Head MD 20640-5157  
City State Zip

Contact Email: douglas.hamm@navy.mil

Contact Telephone No.: (301) 744-2257 Contact Fax No.: (301) 744-4180

*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.*

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 is utilized as a fuel source for operation of 3 boiler systems at the  
Goddard Power Plant. Fly Ash is generated as a combustion byproduct.

Coal type is bituminous, modified stoker coal, 2" x 1/4", with  
guaranteed analysis as follows: 6.0% max moisture; 24-40% max volatile  
matter; 10% max dry ash; 1.4% dry sulfur max; 13,500 min. BTU, dry.

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:
2008	5,585 Tons		
2007	7,873 Tons		
2006	8,573 Tons		
2005	7,343 Tons *		
2004	7,343 Tons *		

Additional notes:

\*2004 and 2005 data are not readily available. Total tonnages are estimated  
for these years. More detailed tonnage data will be provided by 31 March, 2009.

Facility Name: NSA South Potomac

**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. (No risk assessments or modeling specifically related to CCB have been performed.)

E. Copies of all laboratory reports of all chemical characterizations of the coal combustion byproducts. Please attach this information to the report.(Data for 2006, 2007, 2009 are attached.)

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 (100%) of CCB has been hauled and disposed at King George Landfill in  
King George County, VA.

CCB has not been re-used for other purposes. All CCB is from Goddard  
Power Plant and consists of ash from coal combustion.

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

CCB has not been used for other purposes.

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).

Facility Name: NSA South Potomac

## CCB Tonnage Report – 2008

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:

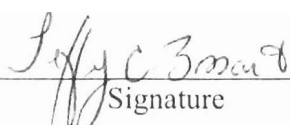
All (100%) of CCB will be disposed in accordance with applicable regulatory requirements. CCB consists of fly ash from coal combustion at Goddard Power Plant. CCB to be disposed at King George County Landfill (Virginia).

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

None.

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	<u>Jeffrey C. Bossard NSASP</u> Env Director (301-744-4705) Name, Title, & Telephone No. (Print or Type)	<u>26 Feb 09</u> Date
	<u>jeffrey.bossard@navy.mil</u> Your Email Address	

FROM :

FAX NO. :

*fax 212-543-0244*  
 Nov. 27 2006 01:06PM P1

# Anabell Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax (301) 548-9425

## Laboratory Analysis Results

Laboratory: Anabell Environmental Lab Date Sampled: 11/15/06  
 Client: Atlantic Environmental Inc. Date Received: 11/17/06  
 Project No: Matrix: Soil  
 Site: NSWC Indian Head Power Plant Project Manager: Steve Burns

Sample ID:	Concentration Detected	Units	Method	PQL	Date Analyzed
1106-JH-01 (Fly Ash)					
<b>TCLP/RCRA-8</b>					
Arsenic	< 0.1	mg/L	EPA 200.7	0.1	11/27/06
Barium	0.30	mg/L	EPA 200.7	0.03	11/27/06
Cadmium	0.011	mg/L	EPA 200.7	0.005	11/27/06
Chromium	< 0.01	mg/L	EPA 200.7	0.01	11/27/06
Lead	< 0.045	mg/L	EPA 200.7	0.045	11/27/06
Mercury	< 0.02	mg/L	EPA 245.1	0.02	11/27/06
Selenium	< 0.1	mg/L	EPA 200.7	0.1	11/27/06
Silver	< 0.01	mg/L	EPA 200.7	0.01	11/27/06
Ignitability	> 220 oF	oF	EPA 1010	220 oF	11/22/06
pH	6.00		EPA 8040	0.1	11/22/06
<b>Reactivity</b>					
Reactive Sulfide	< 500	mg/kg	EPA 9030	50	11/24/06
Reactive Cyanide	< 50	mg/kg	EPA 9010	5.0	11/24/06



11/27/06  
 Date

Approved

FROM :

FAX NO. :

Nov. 28 2007 11:25AM P1

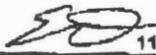
# Anabell Environmental, Inc.

8849 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 548-9425

## Laboratory Analysis Results

Laboratory: Anabell Environmental Lab Date Sampled: 11/15/07  
 Client: Atlantic Environmental Inc. Date Received: 11/24/07  
 Project No: Matrix: Soil  
 Site: NSWC Indian Head Power Plant Project Manager: Steve Burns

Sample ID:	Concentration Detected	Units	Method	PQL	Date Analyzed
TCLP/RCRA-9	1108-34-01 (Fly Ash)				
Arsenic	0.050	mg/L	EPA 1311/200.7	0.010	11/27/07
Barium	0.400	mg/L	EPA 1311/200.7	0.025	11/27/07
Cadmium	< 0.005	mg/L	EPA 1311/200.7	0.005	11/27/07
Chromium	< 0.010	mg/L	EPA 1311/200.7	0.010	11/27/07
Lead	< 0.010	mg/L	EPA 1311/200.7	0.010	11/27/07
Mercury	< 0.020	mg/L	EPA 1311/245.1	0.020	11/27/07
Selenium	0.014	mg/L	EPA 1311/200.7	0.010	11/27/07
Silver	< 0.010	mg/L	EPA 1311/200.7	0.010	11/27/07
Ignitability	> 220 oF	oF	EPA 1010	220 oF	11/26/07
pH	6.97		EPA 9040	0.1	11/28/07
Reactivity					
Reactive Sulfide	< 500	mg/kg	EPA 9030	50	11/27/07
Reactive Cyanide	< 50	mg/kg	EPA 9010	5.0	11/27/07

 11/28/07  
Date

Approved



# Anabell

## Environmental, Inc.

8648 Dakota Drive, Gaithersburg, MD 20877 Tel/Fax: (301) 648-9425

### Laboratory Analysis Results

**Laboratory:** Anabell Environmental Lab  
**Client:** Atlantic Environmental Inc.  
**Project No:**  
**Site:** NSWC Indian Head Power Plant  
**Date Sampled:** 1/13/2009  
**Date Received:** 1/13/2009  
**Matrix:** Soil  
**Project Manager:** Steve Burns

Sample ID:	Concentration Detected	Units	Method	PQL	Date Analyzed
<b>109-IH-01 (Fly Ash)</b>					
<b>TCLP/RCRA-9</b>					
Arsenic	0.026	mg/L	EPA 1311/200.7	0.010	1/16/2009
Barium	0.610	mg/L	EPA 1311/200.7	0.025	1/16/2009
Cadmium	0.006	mg/L	EPA 1311/200.7	0.005	1/16/2009
Chromium	0.016	mg/L	EPA 1311/200.7	0.010	1/16/2009
Lead	0.025	mg/L	EPA 1311/200.7	0.010	1/16/2009
Mercury	< 0.020	mg/L	EPA 1311/245.1	0.020	1/16/2009
Selenium	0.011	mg/L	EPA 1311/200.7	0.010	1/16/2009
Silver	< 0.010	mg/L	EPA 1311/200.7	0.010	1/16/2009
Ignitability	> 220 oF	oF	EPA 1010	220 oF	1/14/2009
pH	6.83		EPA 8040	0.1	1/15/2009
<b>Reactivity</b>					
Reactive Sulfide	< 500	mg/kg	EPA 9030	50	1/15/2009
Reactive Cyanide	< 50	mg/kg	EPA 9010	5.0	1/15/2009

1/16/2009

Approved

Date