



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MARCH 11, 2011

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

Ms. Teresa N. Bradford  
Environmental Senior Specialist  
Solid Waste Section – NCDENR  
610 East Center Avenue  
 Mooresville, North Carolina 28115

County: Mecklenburg  
State Project No.: 6.678019T (34410.3.20)  
TIP Project No.: R-2248C  
Description: I-485 (Charlotte Outer Loop) from NC27 (Mount Holly Rd) to  
East of SR2042 (Oakdale Rd)  
  
Subject: Completion of Coal Fly Ash Embankment Certification

Dear Ms. Bradford:

This is to provide you with a copy of the recorded certification for coal fly ash utilized on the above-referenced project. The project was completed on May 17, 2007. Our records indicate that approximately 251,686 cubic meters of coal fly ash was placed as structural fill on -L- line with a minimum cover of one (1) meter at the following locations:

- 255+20 - 257+80 -L- for a total distance of 260 meters ±
- 261+80 - 263+00 -L- for a total distance of 120 meters ±
- 264+80 - 271+00 -L- for a total distance of 620 meters ±
- 272+80 - 278+20 -L- for a total distance of 540 meters ±
- 279+40RT - 279+80RT -L- for a total distance of 40 meters ±
- 285+40 - 289+80 -L- for a total distance of 440 meters ±
- 290+60 - 292+60 -L- for a total distance of 200 meters ±
- 0+86.541 - 3+09.522 Rp C Y2 for a total distance of 223 meters ±
- 0+05.010 - 1+69.049 Rp B Y2 for a total distance of 164 meters ±

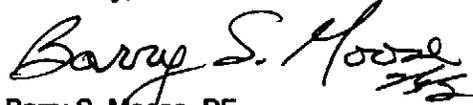
The fly ash embankment was constructed in accordance with the contract project special provision and plan detail and under a supplemental agreement. Numerous NC licensed professional engineers were involved in on-site observation of the coal fly ash embankment construction. The as-constructed plans for this project are located at the NCDOT's Division Ten Office at 716 West Main Street, Albemarle, NC.

As required by 15A NCAC 13B. 1707, a STATEMENT OF USE OF COAL COMBUSTION BY-PRODUCTS was recorded with the Mecklenburg County Register of Deeds on February 28, 2011 in book 26322, pages 389-391. A copy of the statement is also included for your files. Based upon my review of available records and documentation, this is to certify that the requirements of 15A NCAC 13B.1706 were followed in the placement of this material.

County: Mecklenburg  
State Project No.: 6.678019T (34410.3.20)  
TIP Project No.: R-2248C  
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If you have any questions, please do not hesitate to contact this office.

Sincerely,

A handwritten signature in black ink that reads "Barry S. Moose". The signature is written in a cursive style with a large initial "B" and "M".

Barry S. Moose, PE  
DIVISION ENGINEER

BSM/tbb

attachment

cc: Mr. Jon G. Nance, PE, Chief Engineer – Operations w/atta.  
Mr. Ron A. Hancock, PE, State Construction Engineer w/atta.  
Mr. Jeff M. Garland, PE, State Value Management Engineer w/atta.

RECEIVED

MAR 10 2011

DIVISION ENGINEER TENTH DIVISION

Const. \_\_\_\_\_ Maint. \_\_\_\_\_

Oper. \_\_\_\_\_ Plan. \_\_\_\_\_



2011024916

Mail: Prepared by: Scott T. Slusser, Assistant Attorney General for NCDOT  
to NCDOT, 206 Charter St., Albemarle, NC, 28001

**MECKLENBURG COUNTY  
NORTH CAROLINA**

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
STATEMENT OF USE OF COAL COMBUSTION BY-PRODUCTS**

I, Tawana Brooks, pursuant to 15A of the North Carolina Administrative Code 13B.1707 do hereby state that 251,686 cubic meters of coal combustion by-products were utilized as fill material within the project limits for State Project R2248C (WBS 34410.3.20) on the parcels of land more particularly described below in the Mecklenburg County registry:

Deed Bk	Pg #	Deed Bk	Pg #	Deed Bk	Pg #
7867	788	12872	326	14249	369
8243	620	12926	502	14444	913
10906	185	12958	629	14797	984
11130	432	13125	246	15106	741
11602	665	13133	517	15679	197
12560	331	13191	180	16696	661
12829	360	13497	885	17877	35
12846	559	13497	956		

NOTE: Coal combustion by-products were placed in the roadway embankments as follows:

- 255+20 - 257+80 -L- for a total distance of 260 meters ±
- 261+80 - 263+00 -L- for a total distance of 120 meters ±
- 264+80 - 271+00 -L- for a total distance of 620 meters ± (cont'd next page)

- 272+80 - 278+20 -L- for a total distance of 540 meters ±
- 279+40RT - 279+80RT -L- for a total distance of 40 meters ±
- 285+40 - 289+80 -L- for a total distance of 440 meters ±
- 290+60 - 292+60 -L- for a total distance of 200 meters ±
- 0+86.541 - 3+09.522 Rp C Y2 for a total distance of 223 meters ±
- 0+05.010 - 1+69.049 Rp B Y2 for a total distance of 164 meters ±

NC Department of Transportation, Division 10

BY Tawana B. Brooks  
Tawana B. Brooks, PE Division Construction Engineer

I, JOHN LESTER SHOEMAKER, do hereby certify that  
TAWANA B. BROOKS

personally appeared before me this day

and acknowledged the due execution of the foregoing instrument.

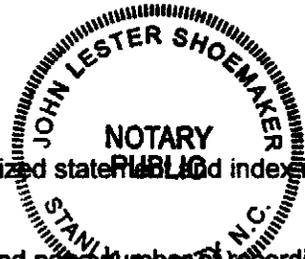
Witness my hand and official seal this the 17 day of FEBRUARY, 2011.

John Lester Shoemaker  
Notary Public

My Commission Expires:

2/22/2015

(NOTARIAL STAMP OR SEAL)



The Register of Deeds in accordance with G.S. 161-14 shall record the notarized statement and index it in the Grantor Index under the name of the owner(s) of the land.

The original notarized statement with the register's seal and the date, book and page number of recording shall be returned to the **NC Department of Transportation Division 10**, after recording, at **116 West Main Street, Albemarle, NC 28001**.