



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

March 5, 2012

Mr. Keith Huff
Stormwater Director
City of Winston-Salem
P.O. Box 2511
Winston-Salem, NC 27102

Subject: Notification - Coal Ash Structural Fill
The City of Winston-Salem CCB Lowery Street Disposal Site
Forsyth County
Doc ID 16228

Reference: Coal Ash Structural Fill Site License Application dated January 30, 2012,
received by the Solid Waste Section on February 1, 2012

Dear Mr. Huff:

The Solid Waste Section (Section) has reviewed the Structural Fill Facility Application dated January 30, 2012 submitted by GeoSciecn & Technology, P.A (Doc ID 16225). The application meets all of the requirements specified in Section .1700 of the North Carolina Solid Waste Management 15A NCAC 13B Rules. This notification includes the following information as required by Rule .1703:

1. **Nature, Purpose and location of the project:** This project proposes the use of 40,000 cubic yards of coal ash excavated from the future Piedmont Triad Research Park (PTRP) site located in the north-eastern quadrant of the intersection of Business I-40 and Highway 52. The buried fly ash at the PTRP site is from an unknown source due to the original disposal being in the 1940s. The City of Winston-Salem is moving the excavated fly ash to city owned property at 2000 Lowery Street. The city property is approximately 13.6 acres. The coal ash disposal area will be 6.7 acres within the boundaries of the city property. The proposed end use will be a storage area for construction materials such as piping and aggregate.

Quad sheet: Forsyth: 36.092861 Lat; -80.217786 W Long

2. **Estimated start:** When approved by the Section
Estimated completion: May 15, 2012
3. **Estimated volume:** 40,000 cubic yards
4. **TCLP analysis from coal ash:** included in application

5. **Signed statement from the land owner:** Keith Huff, Stormwater Director for the City of Winston-Salem, signed a statement that they acknowledge and consent to the use of coal combustion by-products as structural fill dated January 18, 2012.
6. **CCB generator:** unknown, original disposal date in 1940s, City of Winston-Salem is moving fly ash from original disposal site to 2000 Lowery Street
Location of original disposal site: 100 South Research Blvd., Winston-Salem, NC (future PTRP)
Mailing address: PO Box 2511, Winston-Salem, NC 27101
Contact: Andy Allen, Special Projects Coordinator
Telephone number: (336) 747-6968

Statement that notification will be given to DWM if changes are to occur.

Construction may now begin on this project.

North Carolina Solid Waste Management 15A NCAC 13B Rules .1701, .1702, .1704, .1705, .1706, .1707, .1708, .1709, and .1710 must be adhered to during the construction process.

If you have any questions or concerns, please contact myself at (919) 707-8281 or Elizabeth Werner via email elizabeth.werner@ncdenr.gov or phone at (919) 707-8253.

Sincerely,

Edward F. Mussler
Permitting Branch Supervisor
Solid Waste Section

Cc: John Butler – GeoScience & Technology, P.A.
Andy Allen, City of Winston-Salem
C.T. Gerstell – SWS
Jason Watkins - SWS
Elizabeth Werner - SWS
Central file