



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

October 22, 2008

Mr. Glenn W. Outland
Roanoke Valley Energy Facility
P.O. Box 351
Weldon, North Carolina 27890

Subject: Notification - Coal Ash Structural Fill
Wayne Long Mini Storage along NC Highway 125
Halifax, NC, Halifax County Doc ID 6055

Reference: Coal Ash Structural Fill Site License Application dated August 8, 2008, received by the Solid Waste Section on August 18, 2008

Dear Mr. Grant:

The Solid Waste Section (Section) has reviewed the Structural Fill Facility Permit Application dated August 8, 2008 submitted by Plumblin Corporation, P.A. 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 111,524 cubic yards of coal ash from the Roanoke Valley Energy Plant as structural fill to construct a building pad for a mini storage facility for a private developer, Wayne Long. The structural fill building site will consist of approximately 11.52 acres of the 20.2 acre property owned by Mr. Long.

Quad sheet: Halifax: 36.33899 Lat; 77.60147 W Long

2. **Estimated start:** When approved by the Section
Estimated completion: December 30, 2009
3. **Estimated volume:** 111,524 cubic yards
4. **TCLP analysis from coal ash:** included in application
5. **Signed statement from the owner:** Wayne Long, the property owner, signed a statement that they acknowledge and consent to the use of coal combustion by-products as structural fill dated August 8, 2008.

6. **CCB generator:** Roanoke Valley Energy Plant
Location of generating plant: 290 Power Place, Weldon, NC
Mailing address: PO Box 351, Weldon, NC 27890
Contact: Glenn Outland
Telephone number: (252) 536-3200 x246
Statement that notification will be given to DWM if changes are to occur.

Construction may now begin on this project. The applicant should consider the following:

- Rule .1704(a)(3) states the bottom of the structural fill must be at least two feet above the seasonal high groundwater table. In the application, it was shown that the water table is approximately 3 feet below ground surface in well 12. These groundwater measurements were taken during a severe drought. When the groundwater table rebounds, the water table may be less than two feet from the bottom of the structural fill and may even intersect with the structural fill at certain areas. The Section suggests using native soil to raise the bottom of the desired fill area at least one foot in the area surrounding well 12.

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

If you have any questions or concerns, please contact myself at (919) 508-8495 or Elizabeth Werner via email elizabeth.werner@ncmail.net or phone at (919) 508-8496.

Sincerely,

Edward F. Mussler
Permitting Branch Supervisor
Solid Waste Section

Cc: Henry Grant – Plumblin Corp.
Wayne Long – property owner
Mary Whaley – SWS
Elizabeth Werner - SWS
Central file