



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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

March 2, 2009

Mr. Mike Lambert, Public Works Director
City of Albemarle
PO Box 190
Albemarle, North Carolina 28002-0190

Re: Approval of Corrective Action Plan
City of Albemarle Landfill Facility, Permit #84-01
Stanly County

Dear Mr. Lambert:

The Solid Waste Section has reviewed the *June 2008 City of Albemarle Landfill Corrective Action Plan* and the *Revised February 2009 City of Albemarle Corrective Action Plan*, submitted on behalf of the City of Albemarle, by Municipal Engineering Services Company, P.A. Pursuant to 15A NCAC 13B .1636, the City of Albemarle selected a remedy to restore groundwater quality and effectively reduce the groundwater contamination at the facility. The Solid Waste Section approved the selected remedy for the City of Albemarle Landfill Facility on July 8, 2008.

The Corrective Action Plan proposes implementation of the approved selected remedy:

- Monitored Natural Attenuation (MNA) – Eastern Plume
- MNA with HRC Injection & Phytoremediation - Western Plume

A comprehensive MNA baseline will be established at the facility consisting of four consecutive semiannual sampling events commencing after approval of this Corrective Action Plan. At the completion of the MNA baseline, the Solid Waste Section will re-evaluate the MNA parameter list to determine if any modifications to the MNA parameter list are warranted based upon its technical relevance to the specific site conditions at the facility. In addition, preliminary plans for phytoremediation (i.e. thinning of existing trees and planting of willow trees) and obtaining HRC injection permits shall commence in March/April 2009, according to the time schedule Table 9, of the Corrective Action Plan.

As a result, the Solid Waste Section hereby approves the Corrective Action Plan for immediate implementation as outlined in the Corrective Action Plan. Implementation of the approved corrective measure shall now take place in accordance with 15A NCAC 13B .1637 and .0547. If the selected remedy proves to be ineffective, then the contingency plan outlined within the Corrective Action Plan shall be implemented. If you have any questions or concerns regarding this letter, please contact me at 919-508-8524. Thank you for your continued cooperation with this matter.

Sincerely,

A handwritten signature in cursive script that reads "Brian Wootton".

Brian Wootton
Hydrogeologist
Solid Waste Section

cc: Sean Patrick, MESCO
Ed Mussler, Permitting Branch Supervisor
Mark Poindexter, Field Operations Supervisor
Deb Aja, Western District Supervisor
Pat Backus, Permitting Engineer
Ellen Lorscheider, Planning and Programs Manager
Solid Waste Section Central Files