



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

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

May 16, 2011

Mr. Sam Dawson  
Anson County Utilities  
907 North Washington Street  
Wadesboro, NC 28170

Re: Groundwater Monitoring Evaluation  
Anson County Landfill, Permit #04-01

Dear Mr. Dawson:

The Solid Waste Section (Section) has reviewed the *Groundwater Monitoring Evaluation* for the Anson County Landfill prepared by Engineering & Environmental Science Company. The evaluation concludes that groundwater monitoring at the facility is no longer necessary due to the absence of residences and presence of only two commercial properties within 3000 feet of the waste boundary, absence of receptors with the exception of lakes and ponds created by nearby mining activities, the results of a Solute Fate Transport Model, and historical contaminant concentrations in groundwater. The facility was granted official closure in a letter dated January 18, 1996 from the Section. Post closure condition # 8a states:

Groundwater quality at this facility is subject to the "Classification and Water Quality Standards Applicable to the Groundwaters of North Carolina," 15A NCAC 2L. This includes, but is not limited to, the provisions for detection monitoring, assessment, and corrective action.

A review of groundwater analytical data indicated the consistent detection of benzene at concentrations exceeding the 2L Standard in groundwater samples collected from MW-C except when laboratory reporting limits were greater than both the 2L Standard and Solid Waste Section Limit (SWSL). Anson County should continue groundwater monitoring on an annual basis for the next five years using laboratory reporting limits at or below the SWSLs in order to determine if the landfill is impacting groundwater. The Section will re-evaluate the need for continued groundwater monitoring at the end of the five year period.

Please contact me at (919) 508-8516 or by e-mail at [ervin.lane@ncdenr.gov](mailto:ervin.lane@ncdenr.gov) if you have any questions or concerns regarding this letter. Thank you in advance for your cooperation in this matter.

Sincerely,

Ervin Lane  
Compliance Hydrogeologist  
Solid Waste Section

cc: T. Patrick Shillington, P.E., Engineering and Environmental Science Company  
Mark Poindexter, Field Operations Branch Head  
Deb Aja, Western District Supervisor  
Teresa Bradford, Environmental Senior Specialist  
Solid Waste Central Files