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Fac/Perm/Co ID #	Date	Doc ID#
BC	06/13/09	DIN

State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

May 18, 1992

Mr. Craig Greer
Alexander County Administrator
255 Liledoun Road
Taylorsville, North Carolina 28681

Re: Review Of Ground Water Compliance Monitoring Data From The Alexander County Sanitary Landfill (Permit #02-01)

Dear Mr. Greer,

A review of the routine detection monitoring data from the 1991 sampling of the ground water monitoring wells at the Alexander County Sanitary Landfill indicates the presence of chemical constituents at levels that exceed the State's Groundwater Standards (NCAC Title 15 Subchapter 2L). A copy of this data is enclosed for your review.

Since this data indicates the presence of possible ground water contamination at the site, additional investigation is necessary in order to confirm and better define the types of chemical contaminants found. Therefore this year's annual sampling event should include analysis for volatile and semi-volatile organic compounds in addition to the routine list of 23 standard landfill parameters. The volatile organic analysis should be done using EPA Method 8240 or 8260. The semi-volatile organic analysis should be done using EPA Method 8270.

All private and public water supply wells within a half mile's radius of the landfill site should be identified and a map locating these wells should be submitted along with this year's ground water monitoring data. The nearest downstream surface water intake should also be identified and reported.

Thank you for your cooperation. If you have any questions or comments, please contact the Solid Waste Section at (919) 733-0692.

Sincerely,

Bobby Lutfy

Bobby Lutfy, Hydrogeologist
Solid Waste Section

cc: Rick Doby
Attachment