

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Solid Waste Management

James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
William L. Meyer, Director



January 14, 1994

Mr. Daniel F. McMillan  
Alleghany County Manager  
P.O. Box 366  
Sparta, N.C. 28675

Re: Ground-Water Contamination at the Alleghany County Sanitary  
Landfill (Permit #03-02).

Dear Mr. McMillan,

Ground-water monitoring data collected at the Alleghany Landfill over the past several years (since May, 1991) indicates the presence of ground-water contamination at the site. As was referenced in the letter of May 19, 1992 and again on July 6, 1993, additional assessment of ground-water contamination at the Alleghany County Landfill site may be necessary. Additional investigation is now needed in order to determine the nature, degree, and extent of contamination and the possible impact on the public health and the environment. The County was asked to provide information pertinent to this investigation in both letters mentioned above. Since the County has failed to respond a Notice of Violation will be issued if the following information has not been received by our office in 30 days.

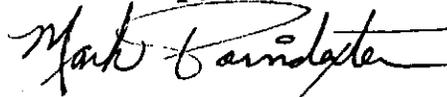
All private and public water supply wells within a one half mile radius of the landfill site should be identified and a map locating these wells is required. The nearest downstream surface water intake should also be identified and reported. A large scale topographic map should be prepared that clearly shows the property boundaries, permit boundaries, fill areas (past and present), existing monitoring wells, proposed upstream and downstream surface water sampling locations on both streams adjacent to the landfill, and other pertinent information. The above information should be submitted immediately.

In addition, in order to confirm and better define the types of chemical contaminants in the groundwater, the next sampling event should include analysis for volatile organic compounds in addition to the routine list of standard landfill parameters on all the monitoring wells and surface water locations. The volatile organic analysis should be done using EPA Method 8240 or 8260.

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Thank you in advance for your prompt reply concerning this matter. If you have any questions or comments, please contact the Solid Waste Section at (919) 733-0692.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark Poindexter".

Mark Poindexter, Hydrogeologist  
Solid Waste Section

cc: Brent Rockett