



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

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State Health Director

May 17, 1989

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Mr. Randall Fletcher
County Manager
Avery County Courthouse
Newland, North Carolina 28657

Re: Installment of Ground-water Monitoring Wells at the Avery
County Landfill (Permit #06-01)

Dear: Mr. Fletcher,

As referenced in the letters from this office dated March 31, 1987 and September 21, 1987, solid waste facilities are required to construct ground-water monitoring wells and implement a ground and surface water monitoring program by June 30, 1989. The ground-water monitoring system should be constructed and implemented in a manner consistent with the specifications of the "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities".

It is my understanding that ground-water monitoring wells have been installed at the Avery County facility. However, our office has not received any information regarding the ground-water monitoring system established at your landfill. We have no record of sampling data from the new wells. Nor do we know who has been contracted to perform your sampling, or what the annual sampling date will be. Please furnish our office with this information immediately.

Our office requires that within 15 days of the completion of well installation, a complete and accurate Well Completion Record (DHS 3342) should be submitted to this office for all ground-water monitoring wells. These records should clearly indicate the following:

- Well construction specifications pertaining to inner/outer casing diameter
- Borehole depth
- 24-hour water table elevations
- Screen length
- Screen slot size
- Vertical extent of screen (e.g. where the screen is placed in the aquifer).

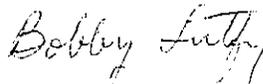
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- All other data required on well construction forms as specified in the "N.C. Water Quality Monitoring Guidance Document for Solid Waste Facilities".

In addition, please submit to us a summary of the hydro-geological data accumulated for the landfill site from the boring operation. Include boring logs and other pertinent subsurface information. Also, within 15 days of well installation, facilities are required to designate in writing to this office the name of the contractor they have chosen to perform their annual ground and surface water monitoring extractions, and the date on which they plan to perform their annual sampling.

If you have further questions or comments please contact this office at (919) 733-0692.

Sincerely,



Bobby Lutfy
Hydrogeological Technician
Solid Waste Branch
Solid Waste Management Section

BL

cc: Mike Babuin
Owen Setzer

Attachment