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

Ronald H. Levine, M.D., M.P.H.
State Health Director

August 2, 1989

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

Re: Documentation for Ground-water Monitoring Wells at the Alleghany County Landfill (Permit #03-02)

Dear Mr. McMillan,

Upon a recent review of our files, our office found that we do not have sufficient documentation on the ground-water monitoring wells at the Alleghany County Landfill. Within the next 30 days would you please provide our office with the following information:

1. A map (preferably 8 1/2" x 11") delineating the entire landfill and adjacent property owned (or leased) by you. This map should clearly show the location of the landfill with respect to the entire property.

2. A specific site map of the landfill itself illustrating the configuration of the landfill <u>per the original permit description</u>. On this map also indicate the following:

   a. Areas of <u>past</u> landfilling activity
   b. Area of <u>present</u> landfilling activity
   c. Area of proposed <u>future</u> landfilling activity
   d. Areas of demolition waste landfilling
   e. Locations of existing monitoring wells; Each well should be numbered on the map (e.g. MW-1; MW-2; etc.) in a manner corresponding to the designations of the wells in the field.

3. Complete and accurate Well Completion Records (DHS 3342) for all ground-water monitoring wells. These records should clearly indicate the following:

a. Well construction specifications pertaining to inner/outer casing diameter
b. Borehole depth
c. 24-hour water table elevations
d. Screen length
e. Screen slot size
f. Vertical extent of screen (e.g. where the screen is placed in the aquifer).
g. 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 hydrogeological data accumulated for the landfill site from the boring operation. Include boring logs and other pertinent subsurface information. Also, designate in writing to this office the name of the contractor you have chosen to perform your annual ground and surface water monitoring extractions, and the date on which you plan to perform your annual sampling.

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

Sincerely,

Bobby Lutfy

Bobby Lutfy
Hydrogeological Technician
Solid Waste Branch
Solid Waste Management Section

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cc: Mike Babuin
Owen Setzer

Attachment

BL/L DO