



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

September 19, 1989

Mr. Wayne Hooper
 Jackson County Manager
 County Administration Bldg.
 8 Ridgeway Street
 Sylva, N.C. 28779

Permit/Co-ID#	Date	Sub ID#
bc	3/3/89	GIN

Re: Documentation for Ground-water Monitoring Wells at the Jackson County Sanitary Landfill (Permit #50-02)

Dear Mr. Hooper,

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 Jackson County Landfill facility. 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 per the current permit description. On this map also indicate the following:
 - a. Areas of past landfilling activity
 - b. Area of present landfilling activity
 - c. Areas of proposed future 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. Which wells are "upgradient" and which wells are "downgradient".
- h. 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, 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 Section
Solid Waste Management Division

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cc: Jim Patterson

Attachment