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

DEHNR

February 7, 1996

Mr. Dave Fowler
Solid Waste Coordinator, Jackson County
Jackson County Justice Center
401 Grindstaff Cove Road
Sylva, North Carolina 28779

BC 3/3/10

RE: Jackson County MSW Landfill Water Quality Monitoring Program
Permit No. 50-02

Dear Mr. Fowler,

Enclosed is a copy of the April 1995 water quality data for the Jackson County Landfill that you requested in our telephone conversation today. The Solid Waste Section only has one set of data in our files for 1995.

It appears that Jackson County is out of compliance with the Solid Waste Management Rules for ground-water monitoring. Between the Autumn of 1994 and April 1995 all MSW Landfills were required to perform a baseline monitoring of all detection monitoring wells that included four independent samples for Appendix I constituents. According to our records Jackson County only sampled twice during this period, in October 1994 and April 1995. In the baseline sampling report due in April 1995, the County was required to report on all four of the baseline sampling events, and to report the in-situ hydraulic conductivity, total porosity, effective porosity, direction of ground-water flow, and rate of ground-water flow for each monitoring well. This report should have also included a comparison of the analytical data to the N.C. Groundwater Standards and a statistical analysis of the sample data.

Since some of the analytical data indicates that Groundwater Standards have been exceeded, Jackson County was required to sample for the Appendix II constituent list in July 1995. Another sampling event for Appendix I constituents and detected Appendix II constituents was due in October 1995.

If any of this sampling has been done, it should be reported to the Solid Waste Section immediately. If it has not been done, Jackson County needs to schedule additional sampling as soon as possible and attempt to catch up and re-establish compliance with the Solid Waste Management Rules, .1630 through .1637. If they have not already done so, the County should probably go ahead and sample all monitoring wells for the Appendix II constituent list.

If you have any questions about this letter, you may contact me at (919) 733-0692, extension 258. For questions about ground-water monitoring at Solid Waste Management facilities, you may call either me or Mark Poindexter of our Groundwater Compliance Unit.

Sincerely,

Bobby Lutfy

Bobby Lutfy
Hydrogeologist
Solid Waste Section

cc: Mark Poindexter, Solid Waste Section
Jim Patterson, SWS - Asheville