



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

February 28, 2008

Mr. Joe Cherry
Lee County Public Works Department
805 S Fifth Street
Sanford, NC 27330

Re: Methane Monitoring Status
Lee County Landfill, Permit #53-01

Dear Mr. Cherry:

The Solid Waste Section has reviewed the *February 20, 2008 Methane Monitoring Status* report submitted on behalf of Lee County by Terraquest Environmental Consultants, PC for the Lee County Landfill (closed MSW and active C&D). On January 29-30, 2008, twenty three methane monitoring probes were installed around the landfill. On February 12, 2008, the first methane monitoring event was conducted. During this methane monitoring event, methane readings exceeding the 100% lower explosive limits (LEL) were recorded at methane monitoring probes M2, M8, M9, and M13. A confirmation methane monitoring event was conducted on February 19, 2008, and the four methane monitoring probes once again exceeded the LEL. Pursuant to the approved *Methane Monitoring Plan*, three additional methane monitoring probes will be installed at each violation location. As a result, the *Methane Monitoring Status* report is approved as described, and twelve new methane monitoring probes should be installed at the landfill.

Please call me at (919) 508-8500 if you have any questions or concerns regarding this letter. Thank you for your continued cooperation in this manner

Sincerely,

Jaclynne Drummond
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc: Ryan Kerins, Terraquest
Mark Poindexter, Field Operations Supervisor
Robert Hearn, Waste Management Specialist
Dennis Shackelford, Eastern District Supervisor
Solid Waste Central Files