



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

October 30, 2008

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

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

Dear Mr. Cherry:

The Solid Waste Section has reviewed the *September 29, 2008 Methane Monitoring Status Report* submitted on behalf of Lee County by Terraquest Environmental Consultants, PC (Terraquest) for the Lee County Landfill (closed unlined MSW and C&D). Bi-monthly methane monitoring has been conducted at the landfill since April 2008 based upon consistent LEL violations. On June 16, 2008, vent wells M36 and M37 were installed, and methane wells M8, M28, and M29 were converted into venting wells. In addition, methane well M38 was installed approximately 100 feet from venting well M29 along the property boundary to delineate the extent of the methane LEL violations. On September 26, 2008, methane monitoring was conducted and LEL violations were again documented in M8, M29, M36, and M37. Terraquest is requesting monthly sampling of the methane and venting wells with documented LEL violations and quarterly sampling of all methane monitoring wells. As a result, the request is approved as described. Please call me at (919) 508-8500 if you have any questions or concerns regarding this letter.

Sincerely,

Jaclynne Drummond
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc: Ryan Kerins, Terraquest
Mark Poindexter, Field Operations Supervisor
Jason Watkins, Central District Supervisor
Solid Waste Central Files