



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

November 8, 2007

Mrs. Nancy Rickard
Lincoln County Solid Waste Director
5291 Crouse Road
Crouse, NC 28033

Re: Groundwater Contamination and Elevated Methane Concentrations
Owls Den Road Landfill, Permit #55-02, Lincoln County

Dear Mrs. Rickard:

Contaminants exceeding the North Carolina 2L Groundwater Standards are being detected at the closed unlined Owl's Den Landfill. In addition, methane concentrations are exceeding the lower explosive limits (LEL) at the property boundary. Pursuant to North Carolina Code 13B, additional assessment and/or corrective measures are required. At sites where groundwater contamination and methane concentrations are found to migrate to adjacent properties, the landfill owner is liable for any assessment and corrective action that may be required.

Addressing groundwater contamination and elevated methane concentrations at or beyond the compliance boundaries (250 feet from the waste boundary, or 50 feet within the property boundary, whichever point is closer to the source) may include one or several engineered and/or hydraulic controls along compliance boundaries or a combination of corrective measures and the acquisition of additional buffer. As a result, please proceed with addressing the groundwater contamination and elevated methane concentrations at the Owl's Den Landfill. Please submit a groundwater and methane assessment plan within 120 days of receipt of this letter.

Please call me at (919) 508-8500 if you have any questions or concerns regarding this letter.

Sincerely,

Maclynne Drummond
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc: Julie Peterson, S&ME, Inc.
Mark Poindexter, Field Operations Supervisor
Deb Aja, Western District Supervisor
C.T. Gerstell, Waste Management Specialist
Solid Waste Central Files