



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

August 15, 2012

Mr. Sid Williamson  
Solid Waste/Recycling Manager  
Environmental Compliance Branch  
Environmental Sustainment Division  
Directorate of Public Works  
Fort Bragg, NC 28310

Re: Landfill Gas Lower Explosive Limit Exceedances  
Fort Bragg C&D Landfill, Permit #26-08

Dear Mr. Williamson,

The Solid Waste Section has reviewed the results of monthly landfill gas monitoring events conducted at the facility during the previous year. Lower explosive limit exceedances have persisted in landfill gas monitoring well GP-13 and additional actions are necessary. Title 15A NCAC 13B.0544(d)(1)(b) states "Owners or operators of all C&DLF units must ensure that the concentration of methane gas or other explosive gases does not exceed the lower explosive limit for methane or other explosive gases at the facility property boundary". Although there are currently no exceedances at the property boundary, the extent of landfill gas migration must be determined. Within 30 calendar days of receiving this letter, submit a Landfill Gas Assessment Plan including the proposed methodology for determining the extent of landfill gas migration and an implementation schedule.

If you have any questions or concerns, please feel free to contact me at (919) 707-8288 or by e-mail at [erwin.lane@ncdenr.gov](mailto:erwin.lane@ncdenr.gov). Thank you in advance for your anticipated cooperation in this matter.

Sincerely,

Ervin Lane

Compliance Hydrogeologist  
Solid Waste Section

cc: Mark Poindexter, Field Operations Branch Head  
Dennis Shackelford, Eastern District Supervisor  
Drew Hammonds, Environmental Senior Specialist  
Solid Waste Central Files