



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews
Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

March 31, 2010

Mr. Jerry Mears
Buncombe County Solid Waste Manager
85 Panther Branch Road
Alexander, North Carolina 28701

Subject: Landfill Gas Monitoring Plan for the Proposed C & D Landfill
Buncombe County Solid Waste Management Facility
Permit to Construct Application, Substantial Amendment and Phase 5, Permit 11-07
Doc ID 10094

Dear Mr. Mears:

The Solid Waste Section (SWS) completed its second technical review of the Landfill Gas Monitoring Plan (plan). Camp, Dresser & McKee (CDM) submitted the plan, which has been entered into the SWS record as Doc ID 9949. Hydrogen sulfide (H₂S) or any toxic or explosive gas migrating from the proposed C&D landfill will reach the nearby structures before detected in distant wells at the existing MSW. Therefore, include sampling in the structures in the plan for the C&D. CDM explained in its letter, dated March 5, 2010 (Doc ID 9940) that sampling is already conducted in the structures but not for H₂S. Making sampling in the structures part of the plan and including H₂S among the sampled constituents will meet the specification in Regulation 15A NCAC 13B .0544(d)(1)(A) that addresses monitoring "in on-site facility structures". A sentence or two explaining the revision can be included somewhere in Section 3.2 or where you feel is logical. After this revision, a plan reflecting the change should be submitted for approval.

If you have questions, I can be reached at zinith.barbee@ncdenr.gov or at 919-508-8401.

Sincerely,

Zinith Barbee
Hydrogeologist
Solid Waste Section

cc: Kenton J. Yang Camp, Dresser & McKee
Allen Gaither Environmental Engineer, SWS
Andrea Keller SWS/ARO
Ed Mussler SWS Permitting Branch
Mark Poindexter SWS Compliance Branch
Central File