



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews
Director

Beverly Eaves Perdue
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Dee Freeman
Secretary

January 27, 2010

Mr. Stephen King
Haywood County Solid Waste Director
278 Recycle Road
Clyde, North Carolina 28721

Subject: Request for Additional Information
Francis Farm MSW Landfill
Haywood County, Permit #44-03, Document ID No. 9476

Mr. King:

The Division of Waste Management, Solid Waste Section (Section) has reviewed the document titled *Request for Construction Plan Approval, Gas Collection and Combustion System*, November 6, 2009. This document was submitted on your behalf by McGill Associates and was received by the Section on November 9, 2009.

Based on this review, the Section requires additional information on the project prior to issuing an Authorization for Construction. Please provide a response for each of the following:

1. A technical discussion of the construction practices for drilling, excavation, backfilling, material and fabrication, waste disposal, control of nuisance odors, vectors and windblown material, personnel safety, decontamination of tools and machinery, testing protocols and frequencies, etc.

Once construction is complete an Authorization to Operate will be issued pending receipt and approval of the following:

2. A construction schedule and completion report to include, but not limited to:
 - a. A description of the tasks completed, party involved, material & equipment used, wastes disposal for this project;
 - b. Landfill gas extraction well logs;
 - c. Pipe leaking test results;
 - d. Color photographs to show the major construction features;
 - e. Daily construction log/document and non-conformance or variance reports;
 - f. QA/QC testing results;
 - g. As-built drawings (surveyed-in locations of wells & valves);
 - h. A copy of the updated air quality permit approved by the Division of Air Quality; and
 - i. Certification from a professional engineer registered in the State of North Carolina that the completion of construction meets the design specification and function.

3. Payment of \$1500 permit modification activity fee.
4. Updated Operations Plan which incorporates the requirements and protocols of operation, inspection, monitoring, and maintenance of the landfill gas collection and control systems (LFGCCS). In addition, the Plan should include emergency procedures covering, at a minimum, fire and inclement weather.
5. The costs associated with operation, inspection, and maintenance of the LFGCCS program should be addressed in the Post-Closure Plan. Additionally, the post-closure care cost estimates and financial assurance mechanism should be revised accordingly.

If you should have any questions regarding this matter please contact me at (828) 296-4703, or by email at allen.gaither@ncmail.net.

Sincerely,



Allen Gaither
Environmental Engineer

Cc: Bill Sperry –McGill Associates
Elizabeth Werner – SWS/RCO
Andrea Keller – SWS/ARO