



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

December 15, 2008

Mr. Steve Waters
Barnhill Contracting Company
P.O. Box 35376
Fayetteville, North Carolina

Subject: Application for Barnhill Contracting Company
LCID Landfill Permit Renewal at Crowell Site
Cumberland County, NC
LCID Landfill Permit No.: 26-K
Document ID No.: 6456

Dear Mr. Waters:

The subject permit renewal application and engineering plans have been submitted by ESP Associates, P.A. on behalf of Barnhill Contracting Company on September 26, 2008. There are, however, a few items in the Permit Renewal Application and the Engineering Plans that require clarification and/or revision before the Division of Waste Management (DWM) can complete its technical review. The inquiry for these items are also being made to your consulting engineer ESP Associates, P.A., by copy of this letter. Providing thorough and complete responses to the request in a timely manner is necessary to avoid delays of the Division's decision on the Permit Application.

If you or your engineer have any question or need assistance in resolving the technical review issues, please contact Mr. Zi-Qiang Chen, PhD, at (919)-508-8523. Also, you may contact me at (919)-508-8495.

Sincerely,

Zi-Qiang Chen, Ph.D.
Solid Waste Section Permitting Branch

Attachment (all cc's)

cc: David W. Wasiela, P.E., ESP Associates, P.A.
Mark Poindexter, DWM Solid Waste Section
Ed F. Mussler, P.E., DWM Solid Waste Supervisor
Jeff Skabo, DWM Solid Waste Section
Jason Watkins, DWM Solid Waste Section



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CUMBERLAND COUNTY

**Preliminary Technical Review Comments
For Barnhill Contracting Company
LCID Landfill (Crowell Site) Permit Renewal Application
LCID Permit No.: 26-K
Doc ID No.: 6230**

December 15, 2008

NOTE: Please provide a response to all of the comments on a “comment for comment” basis. Where appropriate, revise the text of the Permit Renewal Application and/or the Engineering Plans that addresses the issues discussed in the comments.

1. Page 2: Provide an update of the County’s new erosion and sedimentation control plans that have been submitted to the Division of Land Quality.
2. Page 2: Confirm that the average waste flow rate at the site still remains at the level of 5,000 cubic yards per year for now and for the next 5-year permitting period.
3. Provide an update to the original Operation Plan, if appropriate.
4. Confirm that the renewed facility will meet all requirements of any applicable, new zoning ordinance.
5. Pages 1-2, and Sheet 2 of the Engineering Plans: Provide a set of copies of the testing/observing results from the eight test pits in the facility.
6. Pages 1-2, and Sheet 7 of the Engineering Plans: Add a narrative of, and denote on the sheet, which cells are closed and which one(s) is(are) currently active.
7. Sheets 1 and 7 of the Engineering Plans: Clarify if there are gas control devices, such as gas probes and flares, installed in the facility; If yes, where the devices are located on these or other sheets.
8. Sheet 7 of the Engineering Plan: Confirm that the proposed grading and fill material side slopes do not exceed three to one (3:1).
9. Pages 1-2, and the Engineering Plans: Add narratives of the facility’s leachate management practice and denote the leachate collection/piping devices in the facility.

----- End of the Technical Comments. -----