



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Dexter R. Matthews
Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

May 18, 2010

Mr. J.V. Potter
Watauga County Recycling Director
336 Landfill Road
Boone, North Carolina 28607

Subject: LFG Well Replacement Authorization
Closed MSW Landfill Unit
Watauga County, Permit #95-02, Document ID No. 10628

Mr. Potter:

The Division of Waste Management, Solid Waste Section (Section) has received the notification document titled *Maintenance on Existing Landfill Gas System (DIN10625)*. The document was submitted on your behalf by Carlson Environmental Consultants, PC and was received in the Asheville Regional Office on May 17, 2010.

The document indicates the County intends to re-drill three (3) existing landfill gas extraction wells (EW-13, EW-14, and EW-15). The new wells will be drilled in close proximity to the existing wells, connected to the existing piping and installed and constructed in accordance with the plans approved by the Section in 2004.

This letter serves as an authorization for the replacement of landfill gas extraction wells EW-13, EW-14, and EW-15. As a reminder, any significant deviations from the plan must be approved by the Section prior to work commencing. Also, the following information must be submitted and approved by the Section prior to operation of the system:

- a. A description of the tasks completed, parties involved, material & equipment used, and accounting of waste disposal for this project;
- b. Landfill gas extraction well logs;
- c. Daily construction log/document and non-conformance or variance reports;
- d. QA/QC testing results;
- e. As-built drawings (surveyed-in locations of wells & valves);
- f. Certification from a professional engineer registered in the State of North Carolina that the completion of construction meets the design specification and function.

Mr. J.V. Potter
LFG Well Replacement Authorization
May 18, 2010
Page 2 of 2

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

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Gaither', with a stylized flourish at the end.

Allen Gaither
Environmental Engineer

Cc: Kristofer Carlson – Carlson Environmental
John Patrone – SWS/WSRO