



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management
Solid Waste Section

Michael F. Easley, Governor
William G. Ross Jr., Secretary

October 26, 2006

Mr. Sam K. Greenwood, Manager
Macon County
Macon County Courthouse Annex
5 West Main Street
Franklin, NC 28734

Re: Modification to the Permit, Spray Irrigation of Wastewater
Macon County Municipal Solid Waste Landfill, Permit Number 57-03, Doc ID# RCO547

Dear Mr. Greenwood:

This letter is in response to your request to modify the permit for the referenced landfill to allow the spray irrigation of wastewater from the adjacent Town of Franklin Wastewater Treatment Plant. The plan is to utilize only future Cell 3 for the spray irrigation site and not to use any portions of the active Cells 1 or 2. The portable spray irrigation system will be installed above ground and will be removed prior to use of this area as a landfill.

By copy of this letter, the Solid Waste Section (Section) hereby issues the Modification to the Permit to allow the use of the portable spray irrigation system in accordance with the Approved Plan.

Please note that from the Section's perspective, Macon County as the landfill owner/operator is responsible for ensuring compliance with 15A NCAC 13B, Section .1600 Requirements for Municipal Solid Waste Landfill Facilities. Under these rules, any increase above background detected in the ground water monitoring wells for the landfill automatically trigger assessment monitoring and, if required, corrective action. If Macon County as owner/operator of the landfill believes that the contamination is from the spray irrigation system, a demonstration will have to be made that a source other than the landfill caused the increase above background or the County will be required to initiate assessment monitoring in accordance with 15A NCAC 13B Rules .1634-.1638.

It is important to note that the use of the spray irrigation system in an area proposed for future landfill disposal could effect the development of that phase. A significant part of the permit application for landfill expansion into Cell 3 will be a site characterization, which will include an assessment of the ground water quality in Cell 3. If the spray irrigation system has impacted

Mr. Sam Greewood
Permit Modification
October 26, 2006
Page 2

groundwater in the proposed area, an assessment will be required. It is important to note that the results of this assessment could significantly impact the use of this cell for landfill expansion.

If you have any questions, please call Jim Coffey, phone number 828-296-4703 at the Asheville Regional Office.

Sincerely,

Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Solid Waste Section

cc. Jim Coffey
Jim Patterson
Chris Stahl, Macon County Solid Waste
Mike Waresak, Mark Cathey, McGill Associates