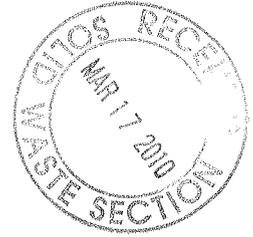




March 15, 2010



NCDENR - DWM  
Solid Waste Section  
Compliance Section  
1646 Mail Service Center  
Raleigh, North Carolina 27699-1646

RE: North Carolina Solid Waste Groundwater  
Corrective Action Permit Modification  
Application  
Macon County MSW Landfill  
Macon County, North Carolina

Dear Madame or Sir:

On behalf of the Macon County, please find enclosed the North Carolina Solid Waste Groundwater Corrective Action Permit Modification Application for the Macon County Municipal Solid Waste Facility, Permit No. 57-03. The applicable attachments are included with the permit modification application.

Should you have any questions or if we can be of further assistance, please give us a call at (828) 252-0575.

Sincerely,  
McGILL ASSOCIATES, P.A.



WILLIAM H. SPERRY, PE  
Project Manager

Enclosure

cc: Mr. Chris Stahl, Director, Macon County Solid Waste Department w/enclosures

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**North Carolina Department of Environment and Natural Resources  
Division of Waste Management  
Solid Waste Section**

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**North Carolina Solid Waste Groundwater Corrective Action Permit Modification Application**

Pursuant to 15A NCAC 13B .1636, "Within 14 days of selecting a remedy, the permittee shall submit an application to modify the permit describing the selected remedy to the Division for evaluation and approval." The application shall include the demonstrations necessary to comply with the financial assurance requirements set forth in Paragraph (d) of Rule .1628.

Please attach the following: (1) a copy of the minutes from the public meeting discussing the Assessment of Corrective Measures, (2) a signed resolution/proclamation/document adopting the remedy, (3) a site map designating locations of groundwater monitoring wells and surface water monitoring locations that will be impacted by the remedy, (4) any draft conceptual schematics/figures/plans relating to the selected remedy, (5) a list of any required registrations, permits, and approvals, (6) a copy of most recent permit issued by the Solid Waste Section, and (7) an amendment to the Financial Assurance Mechanism, including a break-down of the cost estimates for closure, post-closure and corrective action.

Send the application and attachments to NCDENR-DWM, Solid Waste Section, Compliance Unit, 1646 Mail Service Center, Raleigh, NC 27699-1646. This application and any documents attached to this application are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Please type or print all information legibly.

**I. Site Identification**

Permit Number: 57-03

Solid Waste Rule Designation (.0500 or .1600): .1600

Facility Name: Macon County Municipal Solid Waste Facility

Facility Physical Address: 1448 Lakeside Drive

City: Franklin

Zip: 28712

County: Macon

Waste Type: Municipal Solid Waste (MSW)

**II. Owner and Operator Information**

Check box, if owner and operator are the same.

**Owner**

Name: Macon County, North Carolina

Address: 5 West Main Street, Franklin, North Carolina 28734

Phone Number: (828) 349-2000

**Operator**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

**III. Groundwater Corrective Action**

Selected remedy (include addition lines if needed):

(1) Alterations to the grading of Phase I cell to prohibit or reduce the impoundment and infiltration of groundwater.

(2) Installation of landfill gas cut-off trench.

(3)

Contingency Plan A:

Contingency Plan B:

**IV. Financial Assurance**

Financial Assurance Mechanism: Local Government Financial Assurance Test

Total Cost Estimate for 30 Years (based upon ACM): \$ 8,357,634.00

**V. Project Schedule (upon Division approval)**

Approximate Date of Remedy Construction Completion (if applicable): July 1, 2010

Approximate Date of Implementation of Remedy: April 1, 2010

Approximate Date of Baseline Sampling Completion (if applicable): N/A

Approximate Date of First Remedy Performance and Effectiveness Report Submittal: December 2010

**VI. Environmental Consultant**

Consulting Company: McGill Associates, P.A.

Address: 55 Broad Street, Asheville, North Carolina 28801

Phone Number: (828) 252-0575

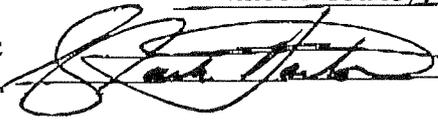
**VII. Signatures**

To the best of my knowledge, the information reported and statements made in this North Carolina Solid Waste Groundwater Corrective Action Permit Modification Application are true and correct. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of fine and imprisonment.

If Owner and Operator are the same, please sign for Owner and type or write SAME for Operator.

**Owner**

Owner Name (Printed or Typed): Macon County, North Carolina

Owner Signature:  (Jack Horton - Cty. Mgr.) Date: 3/15/10

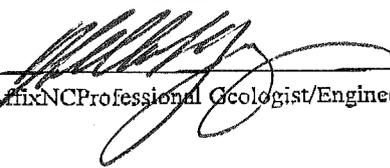
**Operator**

Operator Name (Printed or Typed): Same

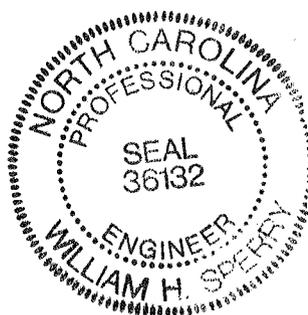
Operator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**NC Professional Geologist or NC Professional Engineer**

Name (Printed or Typed): William H. Sperry, PE

Signature:  Date: 3/15/10

Affix NC Professional Geologist/Engineer Seal:



**MACON COUNTY BOARD OF COMMISSIONERS  
MAY 9, 2009**

**PUBLIC HEARINGS:**

**SOLID WASTE/ CORRECTIVE MEASURES ASSESSMENT:** Chairman Beale convened the public hearing for the purpose of discussing the results of a corrective measures assessment prepared by Bunnell-Engineering, Inc. and to receive feedback on the potential remedies in the report as noticed. Solid Waste Director Chris Stahl explained the assessment, recommendations and conclusions. (Attachment #1) No one from the public wished to comment and the public hearing was closed. Upon motion by Commissioner McClellan, seconded by Commissioner Simpson, the Board unanimously voted to accept the recommendation and rationale for corrective action as recommended on page 13 of the attached report.

**STATE OF NORTH CAROLINA )**

**COUNTY OF MACON )**

I, Wilma J. Anderson, duly appointed Deputy Clerk of the Board of Commissioners of the County of Macon, North Carolina, do hereby certify that the foregoing is a true and accurate report of the public hearing by the Board of Commissioners of the County of Macon, North Carolina, held on May 11, 2009, and that such report has been duly recorded in the minutes of the Board of Commissioners.

*11* <sup>th</sup> **WITNESS** my hand and seal of the County of Macon, North Carolina, this the day of *March*, 2009.

[SEAL]



By:

*Wilma J. Anderson*  
Wilma J. Anderson  
Deputy Clerk  
Board of Commissioners  
County of Macon, North Carolina