



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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

Solid Waste Section

February 09, 2012

Mr. Tim Broome, Director
Johnston County Public Utilities Department
Post Office Box 2263
Smithfield, NC 27577-2633

Re: Authorization for Operating a Landfill Gas Collection and Control System (LFGCCs)
Johnston County Municipal Solid Waste Landfill (MSWLF),
Johnston County, North Carolina
Permit No. 51-03, Document ID No. (Doc ID) 16069

Dear Mr. Broome:

The Division of Waste Management (DWM), Solid Waste Section has reviewed the following submittal:

- *Construction Documentation Report (CDR) – Landfill Gas Collection and Control System Expansion 2011, Johnston County Landfill.* Prepared by SCS Engineers, PC (SCS) in Charlotte North Carolina. Dated November 17, 2011 and revised through December 29, 2011 (Doc ID 16068).
- *Operations Manual and Closure and Post-Closure Plan, Johnston County Landfill.* Prepared by Richardson Smith Gardner & Associates (RSG) in Raleigh North Carolina. Dated December 2011 (Doc 15771).

The Solid Waste Section has determined that Johnston County has met the pre-operation conditions established in the February 18 2011 DWM letter of authorization for installing the LFGCCs at the Johnston County Landfill Facilities (Doc ID 12976) and hereby grants Johnston County an approval for operating the constructed LFGCCs according to the NC Air Permit No. 08844R05, the site-specific LFGCCs operation and maintenance plan, and the revised plans (Doc 15771). The cover page of the approved CDR is also enclosed. The electronic format of the approved documents can be directly downloaded from the DWM's web site at <https://edm.nc.gov/DENR-Portal/>. Then search for the referenced Document ID Numbers in the "Description" Box in the "Property Criteria Area."

Johnston County must take the following actions:

- Pursuant to the North Carolina Solid Waste Management Rule (Rule) 15A NCAC 13B .1626(10), place the authorization letters, the approved documents, and the site-specific operation and maintenance plan associated with this LFGCCs project in the operating record.
- Revise the year 2011 financial assurance for the post-closure cares at Johnston County Landfill according to the approved post-closure cost estimates (Doc 15771). The financial assurance shall be updated annually pursuant to Rule 15A NCAC 13B .1628 and NCGS 130A 295.2(h).

Please note that this authorization for operating LFGCCs at Johnston County Landfill does not remove any responsibilities that Johnston County may have to comply with any permit condition, or any local, state or federal regulations. If you have any questions, regarding this authorization, please contact myself at (919) 707-8251.

Sincerely,

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

Enclosure

cc:

J. Morgan, P.E., SCS
Ming-Tai Chao, DWM
Dennis Shackelford, DWM
Shawn McKee, DWM

Pieter K. Scheer, P.E., RSG
Donna Wilson, DWM
Mary Whaley, DWM
Central File