



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 6, 2004

Mr. Steve Cockman
McGill Environmental Systems
634 Christian Chapel Church Road
New Hill, North Carolina 27562

Re: McGill Environmental Systems – SWC-19-06

Dear Mr. Cockman:

Enclosed is the permit for McGill Environmental Systems of North Carolina, Inc. to operate a Large Type 4 Solid Waste Compost Facility at 634 Christian Chapel Church Road in Chatham County, North Carolina. Please carefully review all permit conditions. Your permit number is SWC-19-06.

Mr. Robert Hearn, Waste Management Specialist, is responsible for inspecting solid waste facilities in Chatham County. Mr. Hearn can be contacted at 919-571-4700.

Should you have any questions please feel free to contact me at 919-733-0692, extension 253.

Sincerely,

Ted Lyon, Supervisor
Composting & Land Application Branch

cc: Robert Hearn, Waste Management Specialist, Raleigh Regional Office
Central File, Solid Waste Section

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
1646 Mail Service Center RALEIGH, N.C. 27699

McGill Environmental

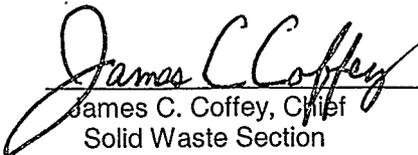
is hereby issued a permit for the operation of a

LARGE, TYPE 4 SOLID WASTE COMPOST FACILITY

At 634 Christian Chapel Church Road
In Chatham County, NC

Permit Number SWC-19-06

In accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit.


James C. Coffey, Chief
Solid Waste Section

12/1/2007
Date

Permit Conditions

1. Operation and maintenance of this facility shall be in accordance with the Solid Waste Compost Rules (15A NCAC 13B, Section .1400), the permit application and the Operation and Maintenance Manual submitted with the permit application. Failure to comply may result in compliance actions or permit revocation.
2. A copy of the permit to operate the facility, the permit application and the operation plan shall be on site at all times in accordance with Rule .1406(1)(B).
3. This facility shall be operated in such a manner that runoff from the site shall be controlled. Any leachate generated at the facility, including the biofilter, shall be managed in such a manner that it will not be allowed to adversely impact ground or surface waters.
4. Only materials specifically listed in the permit application may be managed at this facility without adequate testing and prior approval of the Division of Waste Management. Additional materials shall only be added in accordance with the procedure in the application.
5. Carbon:Nitrogen ratios shall be maintained at or above 20:1. Any variation from this must be given prior approval by the Division of Waste Management.
6. Odor shall be controlled at the property boundary in accordance with Rule .1404(c) (3) & (4). Odor and dust control structures shall be maintained in optimum working condition at all times. A minimum of 3 feet of cover shall be maintained over the biofilter distribution system at all times. Roof ventilation fans may not be put back into use without prior written approval from the Division of Waste Management and the prior notification of the appropriate local government.
7. Local Government officials and the Waste Management Specialist responsible for inspecting this facility shall be notified prior to any demonstrations, tests, or other activities at the facility which might affect odor released from the facility.
8. Wastes with low carbon-nitrogen ratios shall be blended and composting started or covered prior to creating odors or attracting vectors.
9. Compost produced at the facility shall meet the requirements of Rule .1407 of the Solid Waste Compost Rules and the permit application.
10. **Compost shall not be distributed prior to approval by the Division of Waste Management, in accordance with .1407(e) of the Municipal Solid Waste Compost Facility Rules.**
11. Testing and reporting shall be conducted in accordance with the requirements of Rule .1408 and the permit application. Any compost containing wastewater treatment plant sludge shall be tested in accordance with and shall meet the requirements of 40 CFR 503 as well as the Solid Waste Compost Rules.
12. An annual report of facility activities for the fiscal year July 1 to June 30 shall be submitted to the Solid Waste Section and to the Waste Management Specialist that inspects the facility by August 1 of each year. This report shall include the amount of materials composted in tons.
13. Groundwater monitoring wells may be required if there is indication of the potential for groundwater contamination.

14. The Division shall receive prior notification of all Advisory Panel meetings. Minutes shall be taken during panel meetings and a written copy of the Minutes shall be provided to the Division of Waste Management within two weeks of the meeting.
15. This permit shall expire on June 1, 2009. A properly completed application shall be submitted at least 90 days prior to the permit expiration date. Changes in ownership, increase in facility capacity, or receiving additional feedstocks shall require a permit modification.