



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

September 27, 2007

Charles Brushwood
Davidson County Integrated Solid Waste
220 Landfill Road
Lexington, NC 27292

Re: Permit to Construct Phase 2 Area 1
Davidson County MSW Lined Landfill
Davidson County, North Carolina
Permit No. 29-06
Doc ID No. RCO3106

Dear Mr. Brushwood:

Attached is a Permit to Construct the above referenced municipal solid waste landfill facility. Please review the permit carefully. According to 15A NCAC 13B .0203(d), by beginning construction and receiving waste in the cells, the applicant shall be considered to have accepted the conditions of the permit.

No comments were received during the public hearing for the referenced facility, which was held June 25, 2007, or comment period, which closed July 26, 2007. The permit was administratively completed prior to August 1, 2007, but the branch supervisor was not available to execute the document at that time. Because the permit was ready to be issued with no permitting decisions pending before August 1, 2007, no permit application fee is due at this time. However, please be aware that you will be subject to all other fees when due in the future.

The Division appreciates your efforts and cooperation in this matter. If you have questions about the permit conditions or questions arise during construction, please contact either me at 919.508.8498 or Hugh Jernigan, Waste Management Specialist for the facility, at 336.771.5093.

Sincerely,

Geoffrey H. Little
Permit Engineer

c: Paul Crissman, DWM
Ed Mussler, DWM
Pieter Scheer, Richardson, Smith, Gardner and Associates
Deb Aja, DWM
Hugh Jernigan, DWM

Enclosure

Fact Sheet
Permit Number: 29-06
Davidson County Integrated Solid Waste Management

OWNER: Davidson County
102 East Spring Street
Lexington, North Carolina

COUNTY: Davidson

CITY: Lexington, North Carolina

DOCUMENT ID: RCO2421

DESCRIPTION

In accordance with the North Carolina Solid Waste Management Rules, specifically Rule 15A NCAC 13B .1603(a)(1)(E), Davidson County proposes expansion of an existing municipal solid waste landfill (MSWLF) that requires a new facility permit. After technical review of Davidson County's application for expansion, the Division of Waste Management prepared a draft permit that is now available for public review and comment. The draft permit authorizes the construction of additional landfill disposal capacity, but does not change the service area or characteristics of the approved waste stream established in the previous permit.

The Division has determined that the proposed facility plan, engineering plan, construction quality assurance plan, operation plan, closure and post-closure plan, and the water quality monitoring plan submitted in application of a permit complies with the requirements of the North Carolina Solid Waste Management Rules as codified in Solid Waste Management Rules 15A NCAC 13B .1600.

Davidson County proposes to expand the existing municipal solid waste (MSW) landfilling operations, designated as Phase 1, located off Roy Lopp Road in Lexington, Davidson County, North Carolina. The expanded area, designated as Phase 2, consists of approximately 290 acres located to the north of the Phase 1 area. Phase 2 is bounded to the north by Old Highway 29, to the east by adjacent properties, to the south by the Southern Railway right of way, and to the west by Rich Fork Creek.

The current Phase 1 MSW landfill consists of a total of approximately 31.9 acres and 1,913,700 cubic yards of disposal space. The proposed Phase 2 MSW landfill would provide approximately 73.3 acres of additional area holding approximately 9,014,020 cubic yards of disposal space, and approximately 35.8 years of life expectancy. Both Phase 1 and Phase 2 facilities comply with the design requirements contained in the North Carolina Solid Waste Management Rules and Federal Subtitle D regulations.

Construction is proposed by Davidson County to progress in stages. The initial Permit to Construct would approve construction of Phase 2 Area 1, which consists of approximately 14.7 acres, which is designed for 5.3 years of capacity. Davidson County would be required to submit Permit Amendment applications for construction and operation of each subsequent stage of operation. As described below, Permits to Operate are issued for 5 year increments of operation.

The C&D and MSW landfills at the facility accept for disposal approximately 140,100 tons per year combined or approximately 455 tons per day from a service area that consists of Davidson County.

Current Solid Waste Management Services

No changes in solid waste management services or activities are proposed under this permit action. Davidson County currently provides the following services or activities at the existing facility on Roy Lopp

Road: Convenience Center for drop-off of solid waste, a White Goods handling area for waste appliances, a waste tire processing area, a Recycling building, a Household Hazardous Waste collection center, a Construction and Demolition (C&D) landfill, and the lined Phase 1 MSW landfill.

Permit Structure

As provided in North Carolina Solid Waste Management Rule 15A NCAC 13B 0.201, a permit for a new facility consists of two parts: the Permit to Construct (PTC) and the Permit to Operate (PTO), which is issued for 5 year increments of operation. A copy of the draft Permit to Construct is attached. A Permit to Operate would only be issued after issuance of a Permit to Construct and completion of construction in accordance with Solid Waste Rules and Permit to Construct. The draft Permit to Construct includes general and specific conditions for the MSWLF unit as well as conditions for construction, facility monitoring and reporting.

Public Comment Period

North Carolina Solid Waste Management Rules require that the public be given an opportunity to comment on a draft permit for a municipal solid waste management facility. The 45-day comment period began 9:00 AM, Monday, June 11, 2007, and ended at 5:00 PM, Thursday, July 26, 2007. The draft permit was available for review by appointment from 9 AM to 4 PM, Monday-Friday, at the Division of Waste Management, 401 Oberlin Road, Raleigh, NC. All data submitted by the applicant was available as part of the administrative record. Comments were to be sent to the address shown below.

Division Contact

Comments and requests for more information should be sent to:

Geoffrey H. Little

North Carolina Solid Waste Section

1646 Mail Service Center

Raleigh, North Carolina 27699-1646

Telephone: (919) 508-8498

Fax: (919) 733-4810

email-Geof.Little@ncmail.net

Public Hearing Notice

A public hearing for accepting public comments for the new facility permit was held as follows:

Monday, June 25, 2007, at 6:00 PM

Davidson County Board of Commissioners Meeting Room

4th Floor, Davidson County Government Center

913 Greensboro Street, Lexington, NC.

Result of Public Hearing and Comments

No outside interests attended the public hearing and no public comments were received.