

**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) landfiling 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 begins 9:00 AM, Monday, June 11, 2007, and ends at 5:00 PM, Thursday, July 26, 2007. The draft permit is 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 is available as part of the administrative record. Comments should be sent to the address shown below and include the permit number. All comments received within the 45-day period will be considered in making the final determinations regarding the permit.

#### 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 is scheduled 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.

#### Notification

Persons who want to receive notice of the final permit decision should register with the division contact before the close of the public comment period 5:00 PM, Thursday, July 26, 2007.