



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

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

**FACT SHEET**  
**SOLID WASTE PERMIT NUMBER 02-01**

**FACILITY:** Alexander County Construction and Demolition Debris Landfill  
**COUNTY:** Alexander  
**CITY:** Taylorsville, North Carolina  
**DIN:** 9020

**OWNER & OPERATOR:** Alexander County  
Alexander County

**DESCRIPTION**

Alexander County owns and operates a construction and demolition debris landfill (C&DLF) unit on top of a closed municipal solid waste landfill (MSWLF). The County through its consultants submitted an application for continued operation of the landfill in June 2008 in accordance with Solid Waste Management Rule 15A NCAC 13B .0547. The Division of Waste Management has determined that the proposed closure and post-closure plan for the C&DLF, the proposed operations plan and waste acceptance plan for the next five-year phase of development of the C&DLF, the corrective action plan to restore groundwater quality and effectively reduce groundwater contamination at the facility, and the documentation of public meetings and local government approval satisfied the requirements of the Solid Waste Management Rules as codified in 15A NCAC 13B .0531, et seq. and 15A NCAC 13B .1630 through .1637. A draft permit has been prepared for public review.

The Alexander County C&DLF is located on State Road 1620, at the Alexander County Landfill, Taylorsville, Alexander County. The County has operated the landfill under the current permit since December 2005. The landfill was originally permitted as a MSWLF. At closure, the largest area footprint that ever needing closure will be 4.26 acres. The estimate of the maximum inventory of wastes ever on-site over the active life of the landfill is 130,296 cubic yards from FY 98-99 through FY 08-09. The operation of the landfill as a C&DLF over closed landfill units began in 1997.

The County Commissioners voted on June 16<sup>th</sup>, 2008 to approve to continue operation of the construction and demolition landfill on top of closed municipal solid waste.

A Corrective Action Plan to address groundwater contamination associated with the closed municipal waste landfill was prepared in accordance with the Solid Waste Management Rules .1635 through .1637. An Assessment of Corrective Measures for groundwater treatment was presented at public meeting held in June of 2008. The selected remedies have been approved. The draft permit contains conditions for the implementation, operation, and assessment of the action plan.

### **PERMIT STRUCTURE**

The permit is divided into two parts, the Permit to Construct and the Permit to Operate. The permit includes a list of approved documents and specific conditions for the construction, operation, and monitoring of the landfill units. The vertical expansion of the construction and demolition debris landfill does not require new construction and a permit to construct is not necessary. Permits to Operate are issued for 5-year increments of operation. Specific conditions are included for the implementation, operation, and assessment of the groundwater Corrective Action Plan and post-closure care associated with the closed municipal solid waste landfill.

### **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 modification to a permit involving a corrective action remedy selection for a municipal solid waste landfill and for a substantial amendment to a construction and demolition debris landfill. The 45-day comment period begins on August 20, 2010, and ends on October 4, 2010, at 5:00 pm.

The application and draft permit is available for review by appointment from 9:00 a.m. to 4:00 p.m., Monday through Friday, at the Asheville Regional Office, 2090 US Highway 70, Swannanoa, North Carolina. The administrative record including the application, fact sheet, and draft permit may be viewed online at <http://www.wastenotnc.org/sw/swdocuments.asp>. Select 0201 in the permit box and then click "Search Documents."

Persons wishing to comment on the draft permit or to object to the permit issuance should submit their comments in writing by 5:00 p.m., October 4, 2010. 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 determination regarding the permit.

### **DIVISION CONTACT**

Comments and requests for additional information should be sent to:

Mr. Larry Frost  
North Carolina Division of Waste Management  
Solid Waste Section  
Asheville Regional Office  
2090 US Highway 70  
Swannanoa, North Carolina 28778

Telephone: (828) 296-4500  
Fax: (828) 299-7043  
Email: [Larry.Frost@ncdenr.gov](mailto:Larry.Frost@ncdenr.gov)

### **PUBLIC HEARING**

Public hearings have been conducted in accordance with the Solid Waste Management Rules to address the continued operation of the construction and demolition landfill, the Corrective Action Plan for the municipal solid waste landfill, and increases in service area and landfill volume. The Division believes the pertinent issues involved in the permit decision were addressed in these hearings and does not plan to conduct a public hearing.

A request for a public hearing may be made during the public comment period by submitting a written request stating the nature of the issues proposed to be raised in the hearing. Requests must be received by 5:00 pm, October 4, 2010. The Division may hold a public hearing if there is a significant degree of public interest.

### **NOTIFICATION**

Persons who want to receive notice of the final permit decision should register with the Division contact.