



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 33-01**

**FACILITY:** Edgecombe County Construction and Demolition Debris Landfill  
**COUNTY:** Edgecombe  
**CITY:** Tarboro, North Carolina  
**OWNER/OPERATOR:** Edgecombe County  
2872 Colonial Road (State Route 1601)  
Tarboro, North Carolina 27886

**DESCRIPTION**

Edgecombe County has applied for a permit to continue to operate the existing Edgecombe County Construction and Demolition Debris Landfill (C&DLF) and has submitted a groundwater corrective action plan, in accordance with 15A NCAC 13B .0547 (4). The landfill facility that consists of a C&DLF unit on top of the closed Municipal Solid Waste Landfill (MSWLF) unit and other specific waste management areas is located on 2872 Colonial Road (State Route 1601) in Tarboro. The landfill facility is owned and operated by Edgecombe County.

The 68-acre unlined MSWLF received municipal solid wastes (MSW wastes) from 1979 to 1997 and started incremental closure from 1991 to 2000. Following termination of receiving MSW wastes in 1997, the C&DLF, encompassing 21.2 acres, was approved and began receiving C&D wastes for disposal on top of the closed MSWLF landfill on December 30, 1997. The C&DLF unit has total capacity of approximately 1.7 million cubic yards.

No changes are proposed at this time to increase the volume, waste acceptance rate, or service area. The C&DLF unit has remaining capacity of approximately 1,094,500 cubic yards, as of October 26, 2008. The C&DLF unit is expected to reach its capacity in 2048 based on the average disposal rate of 42 tons per day (or 12,600 tons per year). If waste receipts are less, the project could last longer. The facility is permitted to receive construction and demolition debris generated by and in the counties including Edgecombe, Nash, Halifax, Wilson, Pitt, and Martin Counties.

This C&D Landfill unit is permitted to dispose of land clearing/inert debris and construction/demolition debris resulting solely from construction, remodeling, repair, or the demolition of pavement, buildings, or other structures. The unit is also permitted to dispose other wastes which are generated within the territorial boundaries of Edgecombe County and are similar to wastes typically found in the land clearing/ inert debris and C&D wastes streams including roofing shingle waste from the manufacturers and waste building material from mobile home/ modular home manufacturers. Regulated-asbestos containing material as defined in 40 CFR 61 must be managed in accordance with 40 CFR 61 and maybe accept for disposal. Hazardous wastes or other banned wastes such as municipal or industrial solid wastes, liquid waste, medical waste,

radioactive waste, PCB wastes, yard trash, white goods, septage, sludge, and special wastes are not approved for disposal.

A corrective action plan to address groundwater contamination associated with the closed unlined MSWLF was prepared in accordance with the Solid Waste Management Rules .1635 through .1637. An assessment of corrective measures for groundwater treatment was presented at a public meeting held on August 4, 2008. Monitored natural attenuation coupled with in-situ isolation by installing an upgradient groundwater barrier wall and with stormwater improvement on the western half of the landfill was selected as the remedies for implementation to correct the groundwater issues. The draft permit contains conditions for the implementation, operation, and assessment of the action plan.

The Division of Waste Management (Division) has determined that the proposed facility plan, operations plan, closure and post-closure plan, construction quality assurance plan, water quality monitoring plan, corrective action plan, 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. The Division has prepared Draft Solid Waste Permit 33-01 allowing the continued operations of the existing Edgecombe County C&DLF unit on top of the closed MSWLF.

### **PERMIT STRUCTURE**

The permit is divided into two parts, the Permit to Construct and the Permit to Operate. A Permit to Operate is issued for 5-year increments of operation. The permit includes a list of approved documents and specific conditions for the operations of landfill units and other specific waste management areas, implementation of the groundwater Corrective Action Plan, and closure and post-closure cares associated with the closed municipal solid waste landfill. This draft permit and approved application documents are available for public review.

### **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. This 45-day comment period began on January 10, 2010, and ends on February 23, 2010. The draft permit is available for review by appointment from 9 AM to 4 PM, Monday-Friday, at the Division of Waste Management, at the address shown below, and can be viewed online at [http://acp.ncdenr.org/pls/apex/f?p=2136:25:1966688607568016::CIR:IR\\_PERMITID:3301-CDLF-1997](http://acp.ncdenr.org/pls/apex/f?p=2136:25:1966688607568016::CIR:IR_PERMITID:3301-CDLF-1997). All data submitted by the applicant is available as part of the administrative record. Persons who wish to comment on the proposed permit conditions or to object to the permit issuance should submit their comments in writing by February 23, 2010, at 5:00 PM. 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. A final permit decision and response to comments will be prepared soon after the conclusion of the comment period.

**PUBLIC HEARING**

Public hearings have been conducted in accordance with the Solid Waste Management Rules to address the continued operation of the C&DLF and the Corrective Action Plan for the MSWLF. 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, February 23, 2010. The Division may hold a public hearing if there is a significant degree of public interest.

**NOTIFICATION**

Persons interested in receiving notification of the final permit decision should make their request known in writing to the division contact listed below.

**DIVISION CONTACT**

North Carolina Division of Waste Management  
Solid Waste Section  
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