FINAL FACT SHEET AND PERMIT DECISION
PERMIT NUMBER: 51-03

FACILITY: Johnston County Landfill
COUNTY: Johnston
CITY: Smithfield, North Carolina
DOC ID: RCO389
OWNER & OPERATOR: Johnston County
PO Box 2263
Smithfield, NC 27577

Description

A Solid Waste Permit, Part 1: Permit to Construct, has been prepared by the Division of Solid Waste Management (Division) for the expansion of disposal capacity at the Johnston County Municipal Solid Waste Landfill (MSWLF) and for the construction and operation of Area 2 (Cell 1) construction and demolition (C&D) disposal unit at the existing MSWLF. The new facility permit also expands the service area of the facility to include the entire state of North Carolina. 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, as identified in the application, satisfy the requirements and intent of the North Carolina Solid Waste Management Rules, codified as 15A NCAC 13B .1600.

The Johnston County Landfill is owned and operated by Johnston County. The facility is located on County Home Road off Highway 210 near Smithfield, North Carolina and operates under NC Solid Waste Permit 51-03. The landfill facility includes an active MSWLF, a separate active C&D landfill unit (Area 1), a landfill office, scales and scale house, a citizen's convenience center, and a yard waste processing area. The facility boundary encompasses approximately 500 acres, including 84.8 acres of closed unlined municipal solid waste (MSW) units, 154.7 acres of lined MSW units existing and proposed, and 32 acres of C&D area existing and proposed. Area 2 will be a 15.8 acre lined C&D landfill unit adjacent to and east of the closed Phase 3 MSW unit in a former borrow area. A portion of Area 2 will overlie (piggyback) the Phase 3 side slopes. Area 2 C&D unit has a projected life of 11 years with a gross disposal capacity of approximately 914,269 cubic yards. This permit approves the facility plan and construction of Cell 1 of Area 2. Any future cells or areas will be reviewed for permitting and construction in the future. Cell 1 of Area 2 will be 11.3 acres and has been designed for approximately 6 years of disposal volume with a gross capacity of 451,611 cubic yards. If waste receipts do not reach the permitted levels, the project could last longer. The total annual disposal rate for the MSWLF and the C&D units shall be no more than 350,000 tons/year, and no more than 156,000 tons/year (500 tons/day) shall be waste generated outside of Johnston County in accordance with the local approval granted by the Board of County Commissioners of Johnston County.

The MSWLF is permitted to dispose of household, industrial, and commercial solid waste. Hazardous or other banned wastes, such as yard waste and white goods, are not approved for disposal. Separate areas are provided for the management of construction and demolition debris,

yard waste, white goods and scrap tires. A convenience center is also provided for the public. The facility will accept waste from the state of North Carolina. This revised facility plan adds approximately 12,300,000 cubic yards of gross disposal capacity to the facility. The facility will have a total gross disposal volume of approximately 19,900,000 cubic yards.

Permit Structure

The permit is divided into sections. Part 1 is the Permit to Construct and Part 2 in the Permit to Operate.

Public Comment Period

North Carolina Solid Waste Management Rules require that the public be given a 45-day period to comment on the draft permit. This 45-day period began on June 26, 2006. The permit was, and still 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. Persons wishing to comment on either this permit or the proposed permit conditions should have submitted their comments in writing by 5 PM, August 10, 2006. Comments should have been sent to the address shown below and included the permit number. No comments were received within the 45-day period to be considered in making the final determinations regarding the permit.

Division Contact

Comments and requests for more information should be sent to:

Ms. Toni Wyche, EI
North Carolina Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646
(919) 508-8510
FAX (919) 733-4810
E-mail: Toni.Wyche@ncmail.net

Public Hearing Notice

The North Carolina Solid Waste Management Rules provide for a public hearing. A public hearing on the draft permit has not been scheduled for this permit. No parties contacted the Division to request a public hearing, therefore a hearing was not held.

Permit Decision

The Permit to Construct, 51-03, was issued to Johnston County on August 31, 2006.