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Backus	4/02/2012	16370	4103-CDLF-1998

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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

March 30, 2012

FACT SHEET AND PERMIT DECISION
SOLID WASTE PERMIT NUMBER 41-03-CDLF

Document ID No. : 16370

FACILITY: City of Greensboro Construction and Demolition Debris Landfill
COUNTY: Guilford
CITY: Greensboro, North Carolina

OWNER & OPERATOR: City of Greensboro
2503 White Street
Greensboro, North Carolina 27405

NOTIFICATION OF FINAL PERMIT ACTION

On March 30, 2012, the Division of Waste Management (Division) issued Solid Waste Permit No. 41-03-CDLF, Permit to Operate, for the City of Greensboro Construction and Demolition Debris Landfill (C&DLF), also referenced as Phase II of the White Street Landfill. The permit approves the overall facility plan allowing the City of Greensboro C&DLF to continue operation. The Division 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 treat groundwater contamination associated with the closed municipal solid waste landfill (MSWLF), 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 permit expires on March 30, 2017.

DESCRIPTION

The City of Greensboro (City) owns and operates a construction and demolition landfill (C&DLF) unit on top of a closed municipal solid waste landfill (MSWLF) under Permit 41-03-CDLF and submitted an application for continued operation of the landfill in accordance with Solid Waste Management Rule 15A NCAC 13B .0547(4). The Division of Waste Management (Division) has determined that the proposed operations plan and waste acceptance plan for the next five-year phase of development of the C&DLF, the proposed closure and post-closure plan

for the C&DLF, the corrective action plan to treat groundwater contamination associated with the closed MSWLF, 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 City owns approximately 980 acres at the eastern end of White Street, designated as the White Street Landfill. The area includes both active and inactive solid waste management facilities. The C&DLF unit on top of the closed MSWLF that is the subject of this permit is referenced as Phase II of the White Street Landfill. Phase II was originally permitted in the late 1970s as a 135-acre, unlined MSWLF. A transition plan to close the unlined MSWLF and develop the remaining capacity as a C&DLF over the closed MSWLF was approved in 1996 and revised in 1997. Approximately 70 acres were permanently closed. The remaining 65 acres were permitted as a C&DLF over closed MSWLF in 1998.

No changes were proposed to increase the disposal volume or service area. The C&DLF was surveyed in 2010 and had a remaining gross capacity of approximately 1,327,604 cubic yards. Approximately 209,734 cubic yards will be required for the final cover system, leaving 1,117,870 cubic yards operating capacity for waste and for daily and intermediate cover. The estimated annual waste acceptance rate has dropped since the last permit review from approximately 130,000 cubic yards to the proposed 55,000 cubic yards. This has increased the remaining life of the C&DLF to approximately 20 years with landfill capacity reached in approximately 2030.

The C&DLF is permitted to dispose construction and demolition debris generated in the City of Greensboro and Guilford County consistent with local government solid waste management plan(s) and local government approval. The City Council of Greensboro (City Council) approved the submittal of an application for continued operation of the facility, as required by 15A NCAC 13B .0547(4)(a), in a resolution dated May 20, 2008.

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 meetings held December 20, 2007, and June 7, 2008, prior to the selection of Monitored Natural Attenuation and Phytoremediation as the remedies for implementation. The draft permit contains conditions for the implementation, operation, and assessment of the action plan.

PERMIT STRUCTURE

The permit is divided into two parts, a Permit to Construct and a Permit to Operate. All areas in the approved landfill design have been constructed and a Permit to Construct is not being issued. A Permit to Operate is issued for 5-year increments of operation. Specific conditions are also

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

The Division held a 45-day public comment permit on the draft permit. A notice of the public comment period was published in the Greensboro News-Record on February xx, 2012. The comment period began on February 12, 2012, and ended March 29, 2012. The application and draft permit were available for review by appointment from 9:00 a.m. to 4:00 p.m., Monday through Friday, at the Division of Waste Management office at 217 W. Jones Street in Raleigh. The administrative record including the application, fact sheet, and draft permit was also available online under the "Public Notices" tab at http://portal.ncdenr.org/web/wm/sw.

A public hearing was not held because prior public hearings, conducted in accordance with North Carolina Solid Rules, addressed the issues involved in the permit decision.

No comments were received during the public comment period.

DIVISION CONTACT

Comments and requests for additional information should be sent to:

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