



Facility Permit No: 60-13
North Mecklenburg C&D Landfill Facility
Part 1-Permit to Construct
Expansion II, Phases 2 & 3
June 26, 2006

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Dexter R. Matthews, Director
Division of Waste Management
Michael F. Easley, Governor
William G. Ross Jr., Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

**SOLID WASTE LANDFILL
FACILITY PERMIT**

C&D Management Company, LLC. (Landowner)
North Mecklenburg Landfill, Inc. (Operator)

are hereby issued a

PERMIT TO CONSTRUCT

The
NORTH MECKLENBURG C&D LANDFILL FACILITY
Expansion II Phases 2 & 3

Located at 15300 Holbrooks Road, southeast of the Town of Huntersville, in Mecklenburg County, North Carolina in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site contained on page two of this permit.

Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Solid Waste Section

LEGAL DESCRIPTION OF REAL PROPERTY

The permitted municipal solid waste landfill is located and described by the legal description of the site or the property map contained within the approved application and includes the following properties recorded in the Mecklenburg County Register of Deeds Office.

1. Property in the Expansion, Mecklenburg County, NC, Register of Deeds.

Mecklenburg County, N.C. Register of Deeds					
Map Legend	Book	Page	Grantor	Grantee	Acres
4	18,455	134	Patsy H Holbrooks	C&D Management Company, LLC	4.510
5	18,690	961	John F Locklear	C&D Management Company, LLC	21.750
6	19,649	894	Catawba Lands Conservancy	C&D Management Company, LLC	3.083
Total Acreage					29.343

Pursuant to N.C. General Statutes 130A-301, whenever the municipal solid waste facility or any portion of the land within this permit is sold, leased, conveyed or transferred, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a sanitary landfill and a reference by book and page to the recordation of the permit.

ATTACHMENT 1

PART 1: PERMIT HISTORY

Issuance	Date
Original Issue (PTO)(Ph.1)	June 24, 1993
Amendment 1 Phase 2	March 7, 1995
Amendment 2 (PTC)	October 19,2001
Amendment 3 (PTO) 4.4 acres	October 26, 2001
Expansion II (PTC) Phase 1.	March 10, 2006
Expansion II (PTC) Phases 2 & 3	June 26, 2006

Part 2: LIST OF APPROVED DOCUMENTS

Documents 1-14 are contained in previous permits, identified above.

15. *North Mecklenburg C&D Reclamation "Center. Expansion II Permit. Site Plan Application Report. North Mecklenburg Landfill, Inc. Griffin Brothers Enterprises, Inc. C&D Management Company, LLC. Huntersville, North Carolina. Prepared for: North Mecklenburg Landfill, Inc. Huntersville, NC, Prepared by: Enviro-Pro, P.C. Fort Mill, SC. September 15, 2005. Revised through March 8, 2006. Project No. EP-1401.*

16. *C&D Landfill Permit Application. Engineering Report for the North Mecklenburg C&D Landfill. Expansion II. Prepared for North Mecklenburg Landfill, Inc. Cornelius, NC. Prepared by; B.P. Barber & Associates, Inc. Columbia, SC. October 27, 2005. Revised through February 15, 2006. Project No. 05185. Includes construction plan drawings (C1 through C17).*

17. "Boundary Survey and Legal description of Expansion II". Prepared by: B. P. Barber Associates Inc. February 15, 2006.

18. *Amendment to Construction and Demolition Debris Landfill Ordinance and Franchise Agreement. Issued by: Mecklenburg County. Issued to: North Mecklenburg Landfill, Inc. Minute Book 42-A. February 14, 2006.*

- End of Section -

ATTACHMENT 2 CONDITIONS OF PERMIT

General Conditions

1. This condition not used.
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a sanitary landfill.
3. The gross facility capacity, including the expansion is 2 million cubic yards. The size of the Expansion II area is 24.92 acres, and adds a gross capacity of 954,200 cubic yards. Gross capacity is defined as top of subgrade through the top of the final contours as identified in the approved plan, Part 2, Document 16. The landfill's disposal rate is approximately 300,000 tons per year. The franchise begins on August 1, 2006 and ends on July 1, 2011 (Attachment 1, Part 2, Doc. 18).
4. This facility may receive solid waste that is generated within a service area consisting of Mecklenburg, Union, Cabarrus, Catawba, Lincoln, Iredell and Gaston Counties in North Carolina and Lancaster and York Counties in South Carolina.
5. The approved plan for this facility is described in Attachment 1, "List of Documents for Approved Plan". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
6. This permit is not transferable.
7. All pertinent records and reports including a copy of this permit and the approved plans shall be maintained at the facility and made available to the Division upon request.
8. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.
9. Prior to operation of the facility and at all times of operation, the permittee shall be in compliance with all applicable lawfully adopted local ordinances.

10. Prior to construction of the Expansion II, Phases 2 & 3, all piezometers, ground-water monitoring wells and borings located in the proposed cell with the exception of non-cased borings are to be properly abandoned by over-drilling and sealing each location with cement grout according to 15A NCAC 2C .0113 (b)(1), "Procedures for Permanent Abandonment of Wells." In portions of the site where soil areas are to be undercut, do not grout in the wells up to pre-grade land surface, but up to proposed base grade surface cutting off excess vertical grout and possibly damaging the grouted wells.

Construction

11. This permit is for the development of the North Mecklenburg Construction and Demolition Landfill, Expansion II, Phases 2 & 3, within the approved facility description, in accordance with the approved plan (Attachment 1, Part 2, Docs 15 and 16). Phases 2 & 3 are approximately 20 acres, 753,300 cubic yards of gross airspace. Construction of additional phases will require written approval of the Division.
12. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.

Monitoring and Reporting

13. Monitoring well design and construction shall conform to the specifications outlined in "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
14. The monitoring well locations for Expansion II, Phases 2 & 3 are illustrated in the approved plans and shall be established to monitor that area.
15. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
16. Prior to the acceptance of any waste at the facility, a baseline-sampling event shall be completed. The results of this sampling event shall be submitted to the Division Hydrogeologist within 30 days after the sampling event unless otherwise approved in writing.
17. Well completion records and boring logs shall be submitted to the Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.

18. Each monitoring well shall be surveyed and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
19. Data shall be used to determine ground water flow directions and rates for the facility.
20. Accessible and unobstructed paths shall be cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
21. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.
22. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event shall be submitted to the Division in a timely manner.

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