



State of North Carolina  
Department of Environment, Health, and Natural Resources  
512 North Salisbury Street • Raleigh, North Carolina 27604

James B. Hunt, Jr., Governor

**SOLID WASTE MANAGEMENT DIVISION**  
TELEPHONE: (919) 733-0692

Jonathan B. Howes, Secretary

**June 24, 1993**

**SOLID WASTE PERMIT NO. 60-13**

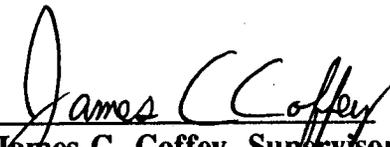
**Mr. Larry A. Griffin and Mr. O.L. Parker**

are hereby issued a permit to construct and operate a

**Construction and Demolition Landfill**

**on Holbrooks Road southeast 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.

  
**James C. Coffey, Supervisor**  
**Permitting Branch**  
**Solid Waste Section**

3. The permittee shall maintain a record of the amount of solid waste received at the facility, compiled on a monthly basis. Landfill Scales shall be used to weigh the amount of waste received.
4. On or before 01 August 93, and each year thereafter, the permittee shall report the amount of waste received (in tons) at this facility and disposed of in the landfill to the Solid Waste Section and to all counties from which waste was accepted, on forms prescribed by the Section. This report shall include the following information:
  - a. The reporting period shall be for the previous year, beginning 01 July and ending on 30 June;
  - b. The amount of waste received and landfilled in tons, compiled on a monthly basis, according to Condition 6 described above; and
  - c. Documentation that a copy of the report has been forwarded to all counties from which waste was accepted.
5. All records shall be maintained on-site and made available to the SWS upon request.

8. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:
  - a. Design of a final cover system;
  - b. Construction and maintenance/operation of the final cover system and erosion control structures;
  - c. Surface water, ground water, and explosive gas monitoring.

#### MONITORING AND REPORTING REQUIREMENTS

1. Ground-water monitoring wells and monitoring requirements for the C&D landfill units:
  - a. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities".
  - b. A total of six locations as illustrated in the approved plan shall be established to monitor the facility.
  - c. 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 SWS Hydrogeologist at the time of well installation.
  - d. For each monitoring well constructed, a well completion record shall be submitted to DSWM within 30 days upon completion.
  - e. Prior to the acceptance of any waste at the facility, a baseline sampling event shall be completed.
  - f. Sampling equipment, procedures, and parameters shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by DSWM at the time of sampling.
  - g. In order to determine ground-water flow directions and rates, 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.
  - h. The permittee shall sample the monitoring wells semi-annually or as directed by the SWS Hydrogeologist.
  - i. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
2. 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 DSWM in a timely manner.

- f. Signs shall be posted stating that no MSW, hazardous waste or liquid waste can be received.
- g. Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
- h. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face.
- i. Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein, except fiber drums containing asbestos.
- j. Open burning of solid waste is prohibited.
- k. The concentration of explosive gases generated at the facility shall not exceed:
  - i. twenty-five percent of the limit for gases in site structures (excluding gas control or recovery system components; and
  - ii. the lower explosive limit for gases at the facility boundary.

#### Erosion and Sedimentation Control

- a. Adequate sedimentation and erosion control measures shall be practiced to prevent silt from leaving the site.
- b. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
- c. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill development.

#### Drainage Control and Water Protection Requirements

- a. Surface water shall be diverted from the operational area.
- b. Surface water shall not be impounded over or in waste.
- c. A separation distance of at least four feet shall be maintained between waste and the ground-water table.
- d. Solid waste shall not be disposed of in water.
- e. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters.

All pertinent landfill operating personnel will receive training and supervision necessary to properly operate this landfill.

- 7. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B.

- e. Recordation procedures for the permit shall be implemented as described above in General Conditions Numbers 1 and 2.
6. Operation of the C&D landfill units shall conform to the operating procedures described in the approved plan, in accordance with Section .0505 of the Solid Waste Management Rules, and in accordance with the following requirements:

**Waste Acceptance and Disposal**

- a. The facility shall accept only those solid wastes which it is permitted to receive.
- b. No municipal solid waste, hazardous waste, or liquid waste shall be accepted for disposal.
- c. The permittee shall implement a program at the facility for detecting and preventing the disposal of MSW, hazardous or liquid wastes. The program shall include, at a minimum:
  - (i) Random inspections of incoming loads or other comparable procedures;
  - (ii) Records of any inspections;
  - (iii) Training of personnel to recognize hazardous and liquid wastes;
  - (iv) Development of a contingency plan to properly manage any identified hazardous, liquid or MSW wastes; The plan must address identification, removal, storage, and final disposition of waste.

**Cover Material Requirements**

- a. Operational soil cover of at least six inches shall be placed at least once per week.
- b. Areas which will not have additional waste placed on them for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover.
- c. After final termination of disposal operations at the site or major part thereof, or upon revocation of a permit, the fill areas shall be covered with at least two feet of suitable compacted earth.

**Access and Safety**

- a. The facility shall be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the DSWM to prevent unauthorized entry.
- b. An attendant shall be on duty at the site at all times while it is open for public use to ensure compliance with operational requirements.
- c. The access road to the site shall be of all-weather construction and maintained in good condition.
- d. Dust control measures shall be implemented when necessary.
- e. Signs providing information on dumping procedures, the hours of operation, the permit number, and other pertinent information shall be posted at the site entrance.

CONSTRUCTION AND OPERATION

1. This permit is for development of the North Mecklenburg Landfill within the approved facility description in Document 3 of the approved plan. Within the approved facility, the area permitted for disposal comprises only the approximately eight acre area shown on sheet 3, Document 1 of the approved plans in the detail entitled Plan Showing Finish Grade Elev. This permit is for a five year period or until North Mecklenburg exhausts the capacity of the approximately eight acre area described above, whichever occurs first.
2. This solid waste management facility is permitted to receive the following waste types:
  - a. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste which is generated solely from land-clearing activities, such as stumps, trees, etc.;
  - b. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and clean soil; and
  - c. Asphalt in accordance with G.S. 130-294(m).
  - d. Construction and demolition debris defined as solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures.

Yard trash as defined in G.S. 130A-290, shall not be disposed in the landfill area.
3. The North Mecklenburg Landfill owners shall maintain a minimum buffer of at least 75 feet between waste disposal areas and streams.
4. All sedimentation/erosion control activities will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
5. The following requirements shall be met prior to operation of this facility:
  - a. Site preparation shall be in accordance with the construction plan, and the conditions specified herein.
  - b. Site inspection shall be made by a representative of the Division of Solid Waste Management (DSWM).
  - c. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 5 listed below.
  - d. Groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed in accordance with the approved groundwater monitoring plan. A baseline sampling for water quality shall be performed. Well construction records and sample analysis results shall be submitted to the Section Hydrogeologist for review and approval prior to operation of the facility as a C&D landfill.

**SOLID WASTE PERMIT**  
Permit to Construct and Operate  
North Mecklenburg, Inc.  
Construction and Demolition Debris Landfill

**CONDITIONS OF PERMIT:**

GENERAL

1. This permit shall not be effective unless the certified copy is filed in the Register of Deeds Office, in the grantor index under the name of the owner of the land in the county or counties in which the land is located. After recordation, the certified copy shall be returned to the Solid Waste Section and shall have indicated on it the page and book number, date of recordation, and the Register's seal.
2. When this property 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.
3. This permit will be subject to review every five years as per 15A NCAC 13B .0201(c), according to the issuance date of this permit. Modifications to the facility may be required in accordance with rules in effect at the time of review.
4. The approved plan is described by Attachment 1, "List of Documents for Approved Plan". Where discrepancies may exist, the most recent submittal and the Conditions of Permit shall govern. Some components of the approved plan are reiterated in the Conditions of Permit.
5. This permit is not transferable.
6. A copy of this permit and the approved plans shall be maintained at the facility.
7. The applicant is responsible for obtaining any and all permits and approvals necessary for the development of this project prior to the commencement of construction activities including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

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