

Cheryl Mark

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



MSWLT

JAMES B. HUNT JR.
GOVERNOR

Fac/Perm/Co ID #	Date	Doc ID#
11-07	10 10 12011	DIN 15348

FACILITY PERMIT NO: 11-07
Part 1 - Permit to Construct

Date of Original Issue: November 7, 1995
C&D Amendment: November 25, 1997
Compost Amendment: October 20, 1998
MSW Alternate Liner Amendment: December 14, 1998
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WAYNE McDEVITT
SECRETARY

MUNICIPAL SOLID WASTE LANDFILL
FACILITY PERMIT

WILLIAM L. MEYER
DIRECTOR

BUNCOMBE COUNTY

is hereby issued a PERMIT to CONSTRUCT a
MUNICIPAL SOLID WASTE LANDFILL FACILITY

located on Panther Branch Road, North Carolina State Road 1745, Buncombe 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 or the property map contained within the approved application.

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

ATTACHMENT 1

Approved Documents

PART I: GENERAL FACILITY

1. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Volume 1 of 2*, dated March, 1995, as revised.
2. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Volume 2 of 2*, dated March, 1995, as revised.
3. Plans entitled *Engineering Plan, Buncombe County Solid Waste Management Facility*, dated March, 1995, sheets EP-1 through EP-6, D-1 through D-4, as revised.
4. Plans entitled *Facility Plan, Buncombe County Solid Waste Management Facility*, dated March, 1995, sheets SD-1, SD-2, LC-1 through LC-4, LO-1 through LO-9, as revised.
5. Plans entitled *Construction Plan, Cells 1 through 3, Buncombe County Solid Waste Management Facility*, dated September, 1995, sheets C-1 through C-9, D-1 through D-4, E-1 and E-2, latest revision.
6. *Response to Technical Review Design Hydrogeologic Report/Water Quality Monitoring Report, Buncombe County Solid Waste Management Facility*, dated June, 1995.
7. *Response to Technical Review Design Hydrogeologic Report/Water Quality Monitoring Report, Buncombe County Solid Waste Management Facility*, dated August, 1995.
8. *Modification to Permit, Construction Plans - Cells 1 through 3, Proposed Buncombe County Solid Waste Management Facility*, dated October 6, 1995.
9. Camp Dresser & McKee letter, dated November 2, 1995, subject: Alternate Monitoring System.
10. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Cell 3 Permit Modifications*, dated October 1998, as revised, prepared by Camp Dresser & McKee.
11. *Buncombe County Subtitle D Landfill Cell No. 3 Point-of Compliance Equivalence evaluation for Proposed Alternative Base Liner*, dated June 10, 1998, as revised, prepared by Camp Dresser & McKee.

PART II: MUNICIPAL SOLID WASTE LANDFILL

1. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Volume 1 of 2*, dated March, 1995, as revised.
2. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Volume 2 of 2*, dated March, 1995, as revised.
3. Plans entitled *Engineering Plan, Buncombe County Solid Waste Management Facility*, dated March, 1995, sheets EP-1 through EP-6, D-1 through D-4, as revised.
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11. *Buncombe County Subtitle D Landfill Cell No. 3 Point-of Compliance Equivalence evaluation for Proposed Alternative Base Liner*, dated June 10, 1998, as revised, prepared by Camp Dresser & McKee.

PART III: CONSTRUCTION AND DEMOLITION LANDFILL

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1. *Buncombe County Solid Waste Management Facility, Construction and Demolition Debris Landfill Permit Application, dated May, 1997, as revised.*

PART IV: LAND CLEARING AND INERT DEBRIS LANDFILL

PART V: COMPOSTING

1. *Solid Waste Compost Facility Application for Permit, dated July 21, 1998, prepared by Camp Dresser & McKee.*

PART VI: MISCELLANEOUS FACILITIES

ATTACHMENT 2

Conditions of Permit to Construct

PART I: GENERAL FACILITY

GENERAL FACILITY CONDITIONS

1. This permit shall be effective upon compliance with 15A NCAC 13B .0204 and when the certified copy with the page, book number, date of recordation, and Register's seal is returned to the Solid Waste Section (Section).
2. This permit approves the Facility Plan which in accordance with 15 NCAC 13B .1619 defines the comprehensive development of the facility including the total municipal solid waste landfill capacity, the municipal solid waste stream, all on site solid waste management facilities and related facility infrastructure.

The approved plans are described in Attachment 1, "Approved Documents". Where discrepancies may exist, the most recent approved submittal and Conditions of Permit shall govern.

3. The facility has an approved total volume capacity of approximately 8,503,820 cubic yards consistent with the approved final contours. A 4:1 waste to cover ratio yields a facility waste disposal capacity of approximately 6,803,056 cubic yards. Actual waste disposal capacity may vary depending upon amount and type of operational cover.

Construction of cells within each phase and subsequent phases shall be in accordance with the Division approved plans.

4. The landfill is permitted to receive solid waste as defined in North Carolina General Statute Article 9 Chapter 130A-290(a)(35) generated within Buncombe County, except where prohibited by North Carolina General Statutes Article 9 of Chapter 130A, and rules adopted by the Commission for Health Services.

The owner or operator of a municipal solid waste management facility that is owned or operated by a unit of local government shall not knowingly dispose of any type or form of municipal solid waste that is generated within the boundaries of a unit of local government that by ordinance:

- (1) Prohibits generators or collectors of municipal solid waste from disposing of that type or form of municipal solid waste.

- (2) Requires generators or collectors of municipal solid waste to recycle that type or form of solid waste.
5. This facility is subject to the requirements of all applicable sections of the most recent version of the North Carolina Solid Waste Management Rules, 15A NCAC 13B and the specific conditions contained herein.
6. This facility shall conform to the specific conditions set forth in this permit and the provisions of 15A NCAC 13B .1604(b)(2).
7. This facility permit is issued under the criteria set forth in 15A NCAC 13B.1603(a)(1). Any facility changes that effect these criteria may require a new permit.
8. Buncombe County shall submit an amendment to this permit pursuant to 15A NCAC 13B.1603(a)(2) for any subsequent phase of development.

FACILITY CONSTRUCTION CONDITIONS

9. Buncombe County shall conduct a pre-construction meeting, on-site, prior to initiating construction of any unit at the site and shall notify the Solid Waste Section 10 days prior to said meeting.
10. Construction of all solid waste management units within this facility shall be in accordance with the pertinent approved plans and only for those phases of development approved for construction as described in Attachment 1, "Approved Documents".
11. Additional conditions and revisions of the approved documents or changes during construction of any landfill unit require approval by the North Carolina Solid Waste Section.
12. Any modifications in sedimentation and erosion control activities require approval by the Land Quality Section. The Section shall be notified of any sedimentation and erosion control modifications.

FACILITY PRE-OPERATIVE CONDITIONS

13. Prior to receiving waste at any unit, cell, or phase of this facility, a Permit to Operate, must be obtained from the Solid Waste Section in accordance with 15A NCAC 13B .0201(b).

14. The following requirements shall be met prior to waste disposal for any unit, cell, or phase of this facility:
 - a. Site preparation shall be in accordance with the approved plans, and the conditions specified herein.
 - b. Site inspection shall be made by a representative of the Solid Waste Section.
 - c. Prior to waste disposal for any unit, a pre-operative meeting shall be held on-site with key landfill personnel and representatives of the Solid Waste Section.
 - d. Financial Assurance, as required by 15A NCAC 13B.1628, shall be in place.

PART II: MUNICIPAL WASTE LANDFILL UNIT SPECIFIC CONDITIONS

PRE-OPERATIONAL CONDITIONS

1. Ground water monitoring wells and surface water sampling locations shall be sampled for the Appendix I constituent list prior to issuing the Permit to Operate.

CONSTRUCTION CONDITIONS

2. The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings prior to the placement of any liner materials.
3. The owner's geologist shall be in the field to supervise all well installations. Any modifications to the approved water quality monitoring plan require approval by the Section Hydrogeologist. Documentation of all changes to the approved plan shall be submitted with the well construction records.
4. For each monitoring well constructed, a well construction record, well schematic, boring log and a description of well development activities shall be submitted to the Section within 30 days upon well completion.

PART III: CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS

1. This permit approves the development and construction of Phase 1 of the Construction and Demolition Debris landfill unit and the on-site environmental management and protection facilities as described in the approved plans.

2. Buffer zones are as established in the approved plans. Division approval is required for use of buffer zones other than as described in the approved plans.

PART IV: LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS

PART V: COMPOST UNIT SPECIFIC CONDITIONS

1. The Section Regional Waste Management Specialist shall be notified prior to beginning construction.
2. Prior to receiving waste at the compost facility, a Permit to Operate, Part 2, must be obtained from the Division of Waste Management.
3. The following requirements shall be met in order to receive a Permit to Operate, Part 2 for the compost facility:
 - a. The facility shall be constructed in accordance with the approved plans and North Carolina Solid Waste Management Rules.
 - b. The Division must receive certification that the compost facility was constructed in accordance with the approved plans and North Carolina Solid Waste Management Rules.
 - c. Site inspection and pre-operative meeting shall be held on-site with key landfill personnel and representatives of the Solid Waste Section.

PART VI: MISCELLANEOUS UNIT SPECIFIC CONDITIONS