



FACILITY PERMIT NO: 18-H  
Closure of DEMO LANDFILL Unit  
Date: 29 September, 2005

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT  
1646 MAIL SERVICE CENTER; RALEIGH, N.C. 27699-1646

**DEMOLITION LANDFILL  
FACILITY**

Catawba County, North Carolina, LANDOWNER

is hereby issued a

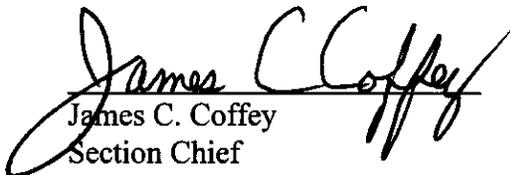
**LETTER OF CLOSURE**

for the Blackburn Demolition Landfill  
UNLINED LANDFILL UNIT

**located on property recorded in DEED BOOK: 1622 PAGES: 146 to 149  
1586 PAGES: 799 to 801**

located off SR 2019 in Catawba 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 letter of closure.

  
James C. Coffey  
Section Chief  
Solid Waste Section  
Division of Waste Management

**POST CLOSURE CONDITIONS**

1. **MANAGEMENT OF LANDFILL GAS:** The owner and/or operator shall take the measures necessary to ensure that the closed site shall continue to meet the design standards for landfill gas found in Rule .0503(2)(a).
2. **MANAGEMENT OF SURFACE WATER:** The owner and/or operator shall take the measures necessary to ensure that the closed site shall meet the requirements of Rule .0503(2)(c). In addition, the landfill unit shall be maintained such that surface water runoff occurs in a controlled manner, and surface water shall not be impounded over waste.
3. **AIR QUALITY:** The owner/operator shall ensure that landfill units do not violate any applicable requirements developed under a State Implementation Plan approved or promulgated by the U.S. EPA Administrator pursuant to Section 110 of the Clean Air Act, as amended.
4. **FINAL COVER SYSTEM:** The integrity and effectiveness of the final cover system and any permanent erosion control devices must be maintained. This could include making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other events. An additional inspection will be made when the cover is mowed this fall. Notify Teresa Bradford when this occurs.
5. **PROPOSED USES:** The owner/operator shall submit a proposal for the Section's review and approval addressing post closures uses of the facility. Proposed post closure uses shall not violate any post closure conditions found in this letter. In particular, plans for post closure uses shall avoid possibilities for the entrapment of methane gas. Routine landfill gas monitoring within structures and at the facility boundary may not be sufficient to detect potentially dangerous situations.
6. **ONGOING SOLID WASTE MANAGEMENT ACTIVITIES:** Continuing solid waste management activities (e.g. yardwaste, composting, scrap tire collection, solid waste transfer) shall not violate any post closure conditions found in this letter, and must meet any other applicable requirements.
7. **RECORDATION:** The owner/operator shall ensure that the recordation requirements for land disposal sites found in Rule .0204 are met.

**8. WATER QUALITY MONITORING AND REPORTING REQUIREMENTS:**

- a. Groundwater quality at this facility is subject to the "Classification and Water Quality Standards Applicable to the Groundwaters of North Carolina," 15A NCAC 2L. This includes, but is not limited to, the provisions for detection monitoring, assessment, and corrective action.
- b. The permittee shall sample the detection monitoring wells and surface water sampling location(s) at a minimum on a semi-annual basis or as requested by the Solid Waste Section.
- c. Water quality detection monitoring shall continue for a minimum of five years from the date of the Section's receipt of the owner/operator's notification that the facility will be maintained in compliance with the post-closure conditions specified in this letter. After five years the Sections will determine if further monitoring is to be required.
- d. Sampling equipment and methods shall conform to specifications in Attachment 1, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities." The sampling parameters and methods shall be those found in Attachment 2, "Sampling and Analysis Requirements for Construction and Demolition Landfills and Closed Sanitary Landfills", or an alternate list of sampling parameters as approved by the Solid Waste Section.
- e. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the sampling events and analytical data shall be submitted to the Section in a timely manner.
- f. The water quality assessment at this facility shall continue in accordance with the conditions of the plan approved by the Solid Waste Section and any or all requests/requirements in the future.

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Mr. Barry Edwards, Catawba County

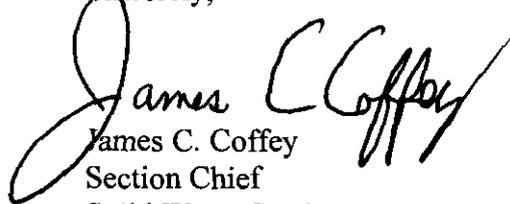
Sept 29, 2005

The owner and/or operator of the facility, Cleveland County, are responsible for compliance with these conditions. Condition #8 addresses continued water quality monitoring for the existing ground water monitoring system. As part of your Closure Approval you have 90 days to meet the requirements included in the letter dated July 29, 2005 from Brian Wooten, SWS, to Barry Edwards, P.E., Director of Utilities and Engineering Department.

**Please note, that this closure shall become effective upon written notification by the owner/operator that the facility shall be maintained in compliance with the post closure conditions specified in this letter.** Rule .0510 also states that when a disposal unit is closed, the permit to operate that unit is terminated and any future disposal operations will require approval by the Section.

If there are questions regarding this closure letter please contact me at (919) 508-8497.

Sincerely,

A handwritten signature in black ink that reads "James C. Coffey". The signature is written in a cursive style with a large, looping initial "J".

James C. Coffey  
Section Chief  
Solid Waste Section

cc: Brent Rockett, SWS  
Teresa Bradford, SWS  
John E. Murray, P.E., SWS  
Raleigh Central Files: Permit No. 18-H (Closure)