



5400 Glenwood Avenue, Suite 300  
Raleigh, North Carolina 27612  
tel: 919-325-3500  
fax: 919-781-5730

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April 20, 2010

Ms. Elizabeth Werner  
North Carolina Department of Environment and Natural Resources  
Solid Waste Section  
401 Oberlin Road, Ste. 150  
Raleigh, NC 27605



Subject: Cumberland County, North Carolina  
Wilkes Road Yard Waste Treatment and Processing Facility  
Land Clearing/Inert Debris Landfill  
Closure Certification

Dear Ms. Werner:

Cumberland County does not plan on re-opening the Wilkes Road Land Clearing/Inert Debris (LCID) Landfill - Permit No. 26-F. The 10-acre landfill was capped by the County using a 1-foot-thick compacted soil cover in August 1992 and has not been operated since. On August 23, 2006 the County received a Permit to Operate (PTO) through July 24, 2011 for the Wilkes Road Yard Waste Treatment and Processing Facility (Permit No. 26-10), which included the yard waste treatment and processing area, a household waste collection area and the previously permitted LCID landfill.

As a requirement of the County's Treatment and Processing Permit Application for the facility the County was required to verify the 1-foot-thick compacted soil cover over the LCID landfill in accordance with 15A NCAC 13B .0566 (5). CDM's verification of the minimum cover cap requirement was provided within Section 1.4 of the permit application. It is our understanding that the information provided within the permit application was sufficient to certify closure as indicated in Paragraph 13 (C) of the PTO, which states that "the closure of the LCID Landfill shall become effective upon notification and certification, as provided for in this letter, by the facility owner that the facility complies with closure conditions stated, and shall be maintained in compliance with the post-closure conditions specified in this letter".



Ms. Elizabeth Werner

April 20, 2010

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Since receipt of the PTO, the County has maintained post-closure maintenance conditions of the LCID landfill and all other conditions required by the PTO. For your information and convenience, CDM is enclosing herewith a copy of the January 2006 permit application and the resulting PTO. We trust that this information is sufficient for you to deem the LCID landfill closed. If you have any additional questions, please do not hesitate to call me at (919) 325-3500.

Regards,

A handwritten signature in black ink, appearing to read 'W. Michael Brinchek'. The signature is stylized and cursive.

W. Michael Brinchek, P.E.  
Camp Dresser & McKee

Enclosures

cc: B. Howard, CCSWD  
M. Sanford, CDM

**ATTACHMENT 1  
PERMIT TO OPERATE**



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor

Hiram G. Ross Jr., Secretary

August 23, 2006

Mr. W. Michael Brinczek, PE  
Camp Dresser & McKee  
5400 Glenwood Ave., Ste. 300  
Raleigh NC 27612

Dear Mr. Brinczek:

Enclosed is your permit for Cumberland County to operate a Solid Waste Treatment and Processing Facility at the intersection of Wilkes Road and NC 87 in Cumberland County. The Operation and Maintenance Manual for the facility has been incorporated into the permit conditions.

Please carefully read all permit conditions. Note that post-closure maintenance conditions for the previously permitted demolition landfill are included in the permit conditions. The permit conditions also address processing requirements for existing pallets at the site.

Dennis Shackleford, Waste Management Specialist, will be responsible for facility inspections. Mr. Shackleford can be contacted at 910-433-3300. Should you have questions, please feel free to contact me at 919-508-8508.

Sincerely,

Ted Lyon, Supervisor  
Composting & Land Application Branch

Cc: Dennis Shackleford, Waste Management Specialist, Fayetteville Regional Office

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

Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Dexter R. Matthews, Director



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

**Cumberland County**

is hereby issued a permit to operate

**Wilkes Road Yard Waste Treatment and Processing Facility**

Located at

At NW Corner of intersection of Wilkes Road and NC 87 South  
in Cumberland County, NC

**Permit Number 26-10**

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.

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

\_\_\_\_\_  
Date

1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
Phone: 919-733-0692 \ FAX: 919-733-4810 \ Internet: [www.enr.state.nc.us](http://www.enr.state.nc.us)

Wilkes Road Yard Waste Treatment and Processing Facility  
Cumberland County  
Permit # 26-10

Permit Conditions

1. Operation and maintenance of this facility shall be in accordance with the Solid Waste Management Rules (15A NCAC 13B, Section .0302), the permit application and the Operation Plan submitted with the permit application. Failure to comply may result in compliance actions or permit revocation.
2. This permit includes a yard waste treatment and processing area, a household waste collection area, and a previously permitted demolition landfill. The previous permit number was 26-F.
3. Any leachate generated at the treatment and processing facility and the waste collection area shall be managed in such a manner that there will be no degradation of ground or surface waters.
4. This facility shall be operated in such a manner that soil erosion and runoff from the site shall be controlled. Runoff control structures shall be maintained as approved. It is the responsibility of the facility to assure that surface water standards are not violated.
5. All waste and processed materials shall be maintained at least 50 feet from property lines and the at least 50 feet from the ditch adjacent to Wilkes Road. Wastes and processed materials shall be maintained a least 10 feet from the edge of any surface drainage features at the facility. Vegetative buffers shall be maintained around maintained
6. Non conforming waste received at the facility shall be maintained in the on-site dumpster or removed and recycled or disposed of at the adjacent landfill facility.
7. Groundwater monitoring wells may be required if there is indication of the potential for groundwater contamination.
8. This facility shall be operated and maintained with sufficient dust control measures to minimize airborne emissions and to prevent dust from becoming a nuisance or safety hazard.
9. The amount of waste received and the amount and type of products sold or otherwise distributed shall be reported to the Division of Waste Management by August 1<sup>st</sup> of each year for the previous July 1 to June 30.
10. 75% of materials received shall be treated or processed and distributed within 12 months of receipt unless a treatment or process, that is approved by the Solid Waste Section, is used which takes longer than 12 months.
11. This permit shall expire on **July 24, 2011**. Changes in ownership, increase in facility capacity, process changes or receiving additional wastes shall require a permit modification. Any modifications to the Treatment and Processing Rules will have to be addressed within 90 days of the effective date of those rules.
12. Pallets received prior to January 1, 2006 shall be processed and removed from the facility by November 1, 2006.

Wilkes Road Yard Waste Treatment and Processing Facility  
Cumberland County  
Permit # 26-10

13. **POST-CLOSURE MAINTENANCE CONDITIONS:** The required post-closure maintenance for the previously permitted demolition landfill located at this facility shall consist of whatever measures, procedures, and activities required to maintain this facility in compliance with those closure conditions specified within these conditions. More specific closure conditions, in addition to Section .0510, for this facility include:
- A. Closure, in accordance with the "Operational Requirements for Landfills" Section .0566, unless otherwise specified in the permit for this facility is as follows:
    - I. The final cover thickness of one foot (1') of suitable compacted earth shall be maintained;
    - II. Permanent erosion control measures shall be maintained;
    - III. Drainage control measures shall be implemented as part of site maintenance to prevent the impoundment of surface water over disposal areas at the facility;
    - IV. Temporary seeding, covered with straw and tacking, or similar material shall be used to prevent erosion in the event of site maintenance involving earth moving/filling activities.
    - V. Vegetation consisting of native grasses or combination of grasses to promote a year round vegetative cover sufficient to restrain erosion shall be maintained. This includes establishing property fertility, seeding and mulching.
    - VI. Ground water separation of four (4) feet shall be maintained and/or devices utilized to maintain ground water at four (4) feet.
    - VII. Leachate control measures shall be implemented for containment of leachate on-site.
  - B. All disposal sites, either operating or closed are subject to the explosive gas requirements of Section .0566 (13) (a & b), and the ground water requirements of Section .0566 (15), if applicable.
  - C. The closure of the LCID Landfill shall become effective upon notification and certification, as provided for in this letter, by the facility owner that the facility complies with closure conditions stated, and shall be maintained in compliance with the post-closure conditions specified in this letter.
  - D. Documentation exists in the Solid Waste Section files, that Permit No. 26-F was recorded with the Register of Deeds office in Cumberland County for the subject property.

**ATTACHMENT 2  
WILKES ROAD YARD WASTE FACILITY  
TREATMENT AND PROCESSING PERMIT APPLICATION**