



Make checks payable to **N.C. Division of Waste Management, Solid Waste Section**, include Permit Number and invoice number on check. If you are paying by electronic transfer, include the invoice number with your electronic transfer. [G.S. 25-3-506: A \$25.00 processing fee will be charged on all returned checks.] Please return a copy of this invoice with your payment.

Applicant Address:	Contact/Billing Information:	Facility Location Address:
	Mr. Jerry Mears Buncombe County MSW Landfill 81 Panther Branch Rd Alexander NC 28701	Mr. Jerry Mears Buncombe County MSW Landfill 85 Panther Branch Rd Alexander NC 28701

INVOICE NUMBER	INVOICE DATE	DUE DATE	AMOUNT DUE
SW09-0081	10-02-2009		\$3000.00

**A. Permit Fee Requirements:** Pursuant to North Carolina General Statute 130A-295.8 you are required to pay fee(s) based on your solid waste management activities. The fee(s) shall be used to support the solid waste management program. An application is deemed incomplete until all fees are received.

**B. Explanation of Invoice Amount is Based on Facility's Current Permit Application**

Facility Permit #	Facility Type	Application Type	Application Date	Fee	Total Amount
1107-MSWLF-1996	MSWLF	Modification-change closure grades	9-18-09	\$3000.00	\$3000.00
Total Amount Due					\$3000.00
Amount Paid					

**C. Remit Payment (including a copy of this invoice) To:**

Division of Waste Management  
 Solid Waste Section  
 1646 Mail Service Center  
 Raleigh, NC 27699-1646  
 Attn: Ellen Lorscheider

*NOTE see email for Allen.*

**D. Solid Waste Contacts:**

- Questions about billing process: Jeff Skabo (919)508-8504 or Ellen Lorscheider at (919) 508-8499
- Questions about the Regulations and Technical Assistance:
  - Ed Mussler (919) 508-8495 Landfills, Transfer Stations
  - Michael Scott (919) 508-8513 Land Application Sites, Compost Facilities

**E. Update Your Information:** Please indicate any changes in Facility or Contact Information.

**Skabo, Jeffery**

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**From:** Gaither, Allen  
**Sent:** Wednesday, September 30, 2009 1:24 PM  
**To:** Skabo, Jeffery  
**Subject:** Yet another invoice  
**Attachments:** 8624.pdf

Hey Jeff,

I don't believe I have sent this request to you before now (please let me know if I have). Per the attached cover letter, Buncombe County is requesting a permit modification for change in closure grades for the MSWLF, permit #11-07. The facility receives waste in excess of 100,000 tons per year. Let me know if you have any questions.

Thanks,  
Allen

Allen Gaither - [Allen.Gaither@ncdenr.gov](mailto:Allen.Gaither@ncdenr.gov)  
North Carolina Dept. of Environment and Natural Resources  
Asheville Regional Office  
Division of Waste Management - Solid Waste Section  
2090 U.S. 70 Highway  
Swannanoa, NC 28778  
Tel: 828-296-4500  
Fax: 828-299-7043

**Notice:**

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and therefore may be disclosed to third parties.

Jerry. Mears@  
buncombecounty.org

SW09-0081

\$3,000.00

PG 701  
~~1107~~  
1107-MSWIF-1996

Mr. Jerry Mears  
Buncombe County MSW Landfill  
81 Panther Branch Rd  
Alexander NC, 28701

85 Panther Branch Rd  
Alexander NC, 28701



5400 Glenwood Avenue, Suite 300  
 Raleigh, North Carolina 27612  
 tel: 919 787-5620  
 fax: 919 781-5730

RECEIVED

SEP 16 2009

SOLID WASTE SECTION  
 ASHEVILLE REGIONAL OFFICE

September 15, 2009

Fac/Perm/Co ID #	Date	Doc ID#
11-07	9,18,09	8624

Mr. Allen Gaither  
 North Carolina Department of Environmental and Natural Resources  
 Division of Waste Management  
 Solid Waste Section  
 2090 US Highway 70  
 Swannanoa, North Carolina 28778

Subject: Buncombe County Solid Waste Management Facility  
 Buncombe County, North Carolina  
 Landfill Gas-to-Energy Project  
 Closure Plan Permit Modification Request

Dear Mr. Gaither:

On behalf of Buncombe County, CDM is pleased to submit two (2) copies of the closure plan permit modification request for the Subtitle D landfill at the Buncombe County Solid Waste Management Facility for your review. The permit modification is requested to meet specific design criteria for the Landfill Gas-to-Energy (LFGTE) project. The LFGTE project design proposes to increase the permitted height of Cells 1-5 in order to provide a 5 percent pre-settlement slope over the Cells 1-5 plateau. This slope ensures that landfill gas condensate in the proposed gas pipes to be installed over the plateau will drain to the existing landfill gas condensate sumps located at low points on the 24-inch gas header. The LFGTE project construction drawings, provided in Appendix A, show the proposed grading and gas pipe layout for the Cells 1-5 plateau.

The final closure plan, Sheet EP-5, which was included in the approved Phase III Engineering Plan permit drawings dated December 2004 (see Appendix B) shows the Cells 1-5 plateau elevation to be El 2110. This elevation is actually top of intermediate cover and not the final cover cap as shown on Sheet EP-6: Cross Section (see Appendix B). The intermediate grades tie into the inside of the containment berm so that when the final closure cap is installed, the closed slope ties directly to the outside of the containment berm, see elevation 2012. Therefore, the permitted final closure cap elevation of the Cells 1-5 plateau is El 2112 (assuming a 2-foot final closure cap thickness).

The County proposes to increase the intermediate cover height of the Cells 1-5 plateau to El 2115 as shown on Sheet C-1: Grading Plan in Appendix A and in Figure 1 below. Assuming a 2-foot thick final closure cap, the final closure elevation of the Cells 1-5 plateau will be El 2117





Mr. Allen Gaither  
September 15, 2009  
Page 2

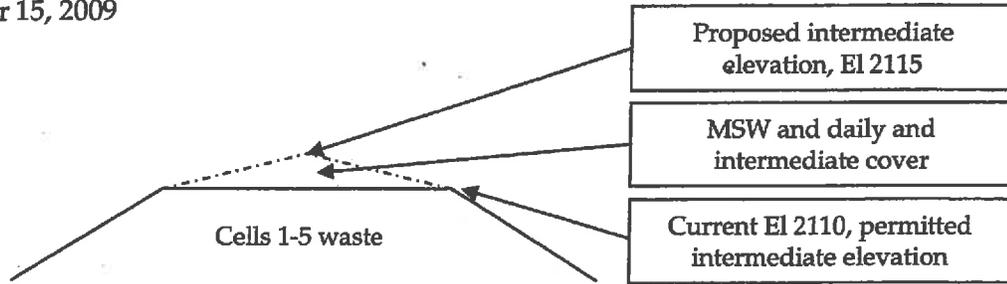


Figure 1: Proposed Intermediate Plateau Elevation Cross-Section

To achieve the desired 5 percent slope, the County proposes to remove the existing intermediate cover in the plateau and stockpile in a location within Cell 6 that will not obstruct daily operations. The County would then place compacted MSW to within one foot of the proposed intermediate grades (at El 2114), and place one foot of intermediate cover in accordance with Sheet C-1: Grading Plan.

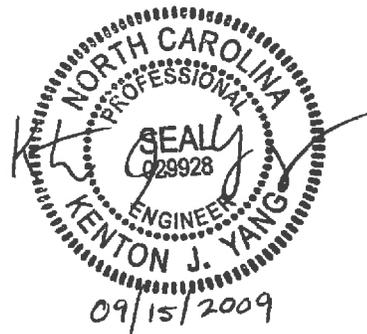
This permit modification will provide long-term positive drainage of condensate for the proposed landfill gas collection system. The County would greatly appreciate your prompt attention to this request as the LFGTE project is subject to American Recovery and Reinvestment Act stimulus funding schedule requirements. If you have any questions or need additional information, please do not hesitate to call me at (919) 787-5620.

Very truly yours,

Kenton J. Yang, P.E.  
Camp Dresser & McKee

xc: E. Mussler, NCDENR SWS  
J. Creighton/J. Mears/K. Smith, BCGSD  
J. Wiseman/J. Boyer/C. Gabel, CDM

Attachments:



## Skabo, Jeffery

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**From:** Gaither, Allen  
**Sent:** Monday, October 26, 2009 3:20 PM  
**To:** Skabo, Jeffery  
**Cc:** Mussler, Ed  
**Subject:** FW: Buncombe LFGTE Submittal

Hey Jeff,

As stated in the email below, Buncombe County has decided not to move forward with the Permit modification for a change in closure grades. Therefore, Application ID No. SW09-0081 should be cancelled/deleted and we should not expect a check to come in for the invoice. Let me know if you need any more information or have any questions.

Thanks,  
Allen

Allen Gaither - [Allen.Gaither@ncdenr.gov](mailto:Allen.Gaither@ncdenr.gov)  
North Carolina Dept. of Environment and Natural Resources  
Asheville Regional Office  
Division of Waste Management - Solid Waste Section  
2090 U.S. 70 Highway  
Swannanoa, NC 28778  
Tel: 828-296-4500  
Fax: 828-299-7043

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**From:** Boyer, John [mailto:BoyerJD@cdm.com]  
**Sent:** Monday, October 26, 2009 2:28 PM  
**To:** Gaither, Allen  
**Cc:** Yang, Kenton  
**Subject:** Buncombe LFGTE Submittal

Allen –

The County has decided not to attempt to place additional waste on top of Cells 1-5, therefore you can disregard the permit submittal dated September 15. I held off putting together an electronic copy for you since it was still undecided. Now that it's official, I assume you don't need an electronic copy for a permit mod that the County does not want to pursue.

Thanks,

John

John D. Boyer, P.E., BCEE, D.WRE  
Principal  
CDM  
5400 Glenwood Avenue Suite 300  
Raleigh, North Carolina 27612

Office: 919-787-5620  
Mobile: 919-593-3499  
Fax: 919-781-5730  
e-mail: [boyerjd@cdm.com](mailto:boyerjd@cdm.com)

Scanned by	Date	Document ID No.
A Gaither	June 16, 2008	4868

## Jackson County Solid Waste Department

Chad S. Parker, Solid Waste Director



401 Grindstaff Cove Road  
Sylva, North Carolina 28779  
Phone (828) 586-7577  
Transfer Station Phone: (828) 586-7509  
Fax (828) 586-7506

June 13, 2008

Mr. Allen Gaither  
North Carolina Department of Environment and Natural Resources  
Solid Waste Section  
2090 US 70 Highway  
Swannanoa, NC 28778

Dear Mr. Gaither:

The Jackson County Transfer Station permit (50-03T) is currently up for a renewal. I had been under the impression that it did not expire until June 24, 2008 since a modification was done June 24, 2003, but the expiration date did not change with the modification. After discussing this with Mr. Troy Harrison, the original permit expired on February 2, 2007.

Therefore, I would like to request information on the renewal process for immediate rectification of this issue. Apparently, Mr. Jim Patterson was also under the impression that it expired in 2008 since the facility audit in July 2007 did not note any notice of violations. Regardless, Jackson County would like to complete the renewal process as soon as possible.

An additional topic of interest dealing with permitting concerning Jackson County is that we are planning to construct a new transfer station building adjacent to the existing one on the same property. We are currently working with Municipal Engineering's Wayne Sullivan on this project. Our plans are to have drawings for the new facility in July 2008 and would like to let out bids sometime in late summer. Since the current permit is in need of renewal, I am requesting information to see if the new transfer building should be included in with this permit process or will this be a separate process. Thank you for your consideration on the issues concerning Jackson County.

Sincerely,

Chad S. Parker

Cc: Troy Harrison  
Ken Westmoreland

*allen talking <sup>to me</sup> about rolling together  
every thing.*

**Subject:** Invoice info

**From:** Allen Gaither <Allen.Gaither@ncmail.net>

**Date:** Wed, 18 Jun 2008 15:52:51 -0400

**To:** Jeffery Skabo <jeffery.skabo@ncmail.net>

**CC:** Ming Chao <Ming.Chao@ncmail.net>

Hey Jeff,

I have three facilities we need to which we need issue invoices:

✓ 1) Waste Management Transfer Station Permit #11-04-T - Permit amendment (5 year renewal) DIN 4850

2) Buncombe County C&D Permit #11-07 - Permit modification (submission of closure/post closure plans and financial assurance as required by 15A NCAC 13B, Rule .0547) DIN 4900

3) Jackson County Transfer Station Permit #50-03-T - Permit amendment (5 year renewal) DIN 4868

I have attached the cover sheets for each of the submissions for your information. Let me know if you have any questions or need anything else.

Thanks,

Allen

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Allen Gaither - Allen.Gaither@ncmail.net  
North Carolina Dept. of Environment and Natural Resources  
Asheville Regional Office  
Division of Waste Management - Solid Waste Section  
2090 U.S. 70 Highway  
Swannanoa, NC 28778  
Tel: 828-296-4500  
Fax: 828-299-7043

Allen Gaither <Allen.Gaither@ncmail.net>

NC DENR - Asheville Regional Office

Division of Waste Management - Solid Waste Section

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**4868.pdf** Content-Type: application/pdf  
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