

RH 8/15/13



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

CONSTRUCTION & DEMOLITION WASTE  
LANDFILL  
Facility Annual Report  
For the period of July 1, 2012-June 30, 2013

According to (G.S. 130A-309.09D(b)) completed forms must be returned by August 1, 2013 and a copy of this report must be sent to the County Manager of each county from which waste was received. If you have questions or require assistance in completing this report, contact your Regional Environmental Senior Specialist.

Facility Name: Harnett County CDLF Permit: 4302-CDLF-1998

Facility Website (URL): www.harnett.org/waste/

Physical Address		Mailing Address	
Street 1: <u>449 Daniels Road</u>		Street 1: <u>P.O. Box 2773</u>	
Street 2: _____		Street 2: <u>103 East Ivey Street</u>	
City: <u>Dunn</u> County: <u>Harnett</u>		City: <u>Lillington</u>	
State: <u>North Carolina</u> Zip: <u>28334</u>		State: <u>North Carolina</u> Zip: <u>27546</u>	

Primary Facility Contact Person		Billing Contact Person	
Name: <u>Amanda Bader, PE</u>		Name: <u>Amanda Bader, PE</u>	
Phone: <u>(910) 814-6156</u> Fax: <u>(910) 814-8263</u>		Phone: <u>(910) 814-6156</u> Fax: <u>(910) 814-8263</u>	
Email: <u>abader@harnett.org</u>		Email: <u>abader@harnett.org</u>	

1. Tipping Fee: \$40.00 \_\_\_\_\_ per Ton (Attach a schedule of tipping fees if appropriate.)

2. Does the tip fee above include the \$2.00 Solid Waste Tax?  Yes  No

3. What other activities occur at this facility? (check all that apply)

Recycling/Reuse Collection  Scrap Tire Collection  White Goods Collection  Household Hazardous Waste Collection

If you checked Recycling/Reuse Collection, please indicate the materials accepted and amount collected: (check all that apply and provide tonnages)

- Paper \_\_\_\_\_ tons  Fluorescent lightbulbs \_\_\_\_\_ tons  Used oil/oil filters \_\_\_\_\_ tons  Steel Cans \_\_\_\_\_ tons
- Cardboard 8.59 tons  PETE (#1) Plastic \_\_\_\_\_ tons  Aluminum Cans \_\_\_\_\_ tons  Other Metal 155.7 tons
- Wood \_\_\_\_\_ tons  HDPE (#2) Plastic \_\_\_\_\_ tons  Computer Equipment 5.78 tons  Televisions 18.06 tons
- Glass \_\_\_\_\_ tons  Concrete/rubble/asphalt \_\_\_\_\_ tons  Gypsum/drywall \_\_\_\_\_ tons  Other Plastic \_\_\_\_\_ tons
- Shingles \_\_\_\_\_ tons  Other (specify) Misc. electronics 5.27 tons; commingled 38.88 tons

**Airspace (Capacity):** Questions in this section relate to all cells/units of the C&D facility operated under the current 4-digit permit number regardless of whether the cells/units are closed or are not contiguous at the time of this report. Tonnage questions must be based on scale records and cover the period between the opening date and the date of the last survey unless another time period is approved. Airspace measurements include weekly, intermediate and final cover.

- 4. Date Facility Last Surveyed: 7/16/2013
- 5. Airspace Used (cubic yards): 21,090
- 6. Total Tons Disposed in Airspace Used (tons): 12,464.58

7. Did your facility stop receiving waste during this past Fiscal Year?  Yes  No

If so, please report the date this occurred: \_\_\_\_\_





9. Are there SWANA or other certified operator(s) at this facility?  Yes  No

If yes, indicate the following:

Name: Randall Smith Certification type and expiration date: MOLO 6/16 TS 4/27/16 LF 8/26/14  
Name: Donald Horner Certification type and expiration date: TS 10/20/14  
Name: John Hall Certification type and expiration date: TS 3/24/15 LF 10/19/13  
Name: Ricky James Certification type and expiration date: TS 3/24/15 LF 2/25/14  
Name: David Syck Certification type and expiration date: TS12/15/15 LF 2/7/15

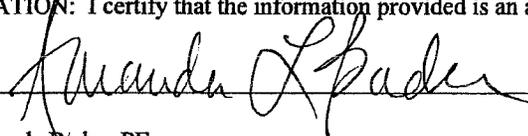
10. Comments, suggestions or notes:

**REMINDER:** According to (G.S. 130A-309.09D(b)), this report must be sent to the Regional Environmental Senior Specialist for your area and a copy of this report must be sent to the County Manager of each county from which waste was received.

Please return your completed report to:

Robert Hearn  
1646 Mail Service Center  
Raleigh, NC 27699-1646  
phone: 919.707.8292 email: Robert.Hearn@ncdenr.gov

CERTIFICATION: I certify that the information provided is an accurate representation of the activity at this facility.

Signature:  Date: Jul 31, 2013

Name: Amanda Bader, PE Title: County Engineer

Phone Number: (910) 814-6156 Email: abader@harnett.org

Facility Name: Harnett County CDLF Permit: 4302-CDLF-1998

Address: 449 Daniels Road

City: Dunn State: North Carolina Zip: 28334

Person completing Assessment: Amanda Bader, PE Date: Jul 30, 2013

Phone Number: (910) 814-6156 Fax: (910) 814-8263 Email: abader@harnett.org

**Instructions:** Please indicate either *Yes* or *No* for each Receptor and Post Closure Maintenance question. Then please determine the distance or distances for each Receptor from the *Edge of Waste* (using range finders and/or GIS maps) and type that information into the form. Please attach additional information including GIS maps, lists of potable well locations, etc.

**Receptors**

1. Are there Residential Dwellings Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? \_\_\_\_\_  
 What are the three closest distances from the *Edge of Waste*? \_\_\_\_\_ Feet \_\_\_\_\_ Feet \_\_\_\_\_ Feet

2. Are there Potable Wells Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? \_\_\_\_\_  
 What are the three closest distances from the *Edge of Waste*? \_\_\_\_\_ Feet \_\_\_\_\_ Feet \_\_\_\_\_ Feet

3. Are there Community/Municipal Wells Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? \_\_\_\_\_  
 What are the three closest distances from the *Edge of Waste*? \_\_\_\_\_ Feet \_\_\_\_\_ Feet \_\_\_\_\_ Feet

4. Are there Surface Water Bodies Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many? \_\_\_\_\_  
 What are the three closest distances from the *Edge of Waste*? 1253.37 Feet \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 Please list the names of the water bodies: unnamed tributary to Stewart's Creek

5. Is Public Water Available Within 1,500 feet of the Edge of Waste?  Yes  No  
 If Yes, how many of the Residential Dwellings noted above are connected? unknown

**Corrective Measures**

6. Is there an active methane extraction system (blower, flare, etc.)?  Yes  No  
 7. Is there a passive methane extraction system (trench, vents in cap, flare, etc.)?  Yes  No  
 8. Is there groundwater remediation taking place on site?  Yes  No  
 If Yes, what is the specific remedial technology used? phytoremediation

**Comments**

Due to the presence of an unlined MSW landfill beneath the C&D landfill, this site is in groundwater corrective action. Currently, phytoremediation (Phase 1) is being employed at the site. Additional measures prescribed in the Corrective Action Plan, including groundwater pump and treat, are being re-evaluated. The County met with DENR staff on July 19, 2013 to open discussion regarding other corrective action options. As discussed at the July 19, 2013 meeting, the County