MSW	State of North Carolina Department of Environment and Natural Resources Division of Waste Management	**MUNICIPAL SOLID WASTE LANDFILL** Facility Annual Report For the period of **July 1, 2011-June 30, 2012**

According to (G.S. 130A-309.09D(b)) completed forms must be returned by August 1, 2012 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: Buncombe County MSW Landfill Permit: 1107-MSWLF-1996 ID: P0701

Facility Website (URL): http://www.buncombecounty.org/Governing/Depts/SolidWaste/Default.aspx

Physical Address	Mailing Address
Street 1: 85 Panther Branch Road	Street 1: 81 Panther Branch Road
Street 2:	Street 2:
City: Alexander County: Buncombe	City: Alexander
State: North Carolina Zip: 28701	State: North Carolina Zip: 28701

Primary Facility Contact Person	Billing Contact Person
Name: Jerry Mears	Name: Jerry Mears
Phone: (828) 250-5467 Fax: (828) 250-5479	Phone: (828) 250-5467 Fax: (828) 250-5478
Email: jerry.mears@buncombecounty.org	Email: jerry.mears@buncombecounty.org

1. Tipping Fee: $43.00 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: (check all that apply)

☒ Paper	☒ Wood	☐ Concrete/rubble/asphalt	☐ Gypsum/drywall
☒ Cardboard	☒ Glass	☒ Aluminum Cans	☒ Steel Cans
☒ PETE (#1) Plastic	☒ HDPE (#2) Plastic	☒ Computer Equipment	☒ Televisions
☒ Fluorescent lightbulbs	☒ Used oil/oil filters	☒ Other Metal	☒ Other Plastic

☒ Other (specify) used medical equipment, used cooking oil

Airspace (Capacity): Questions in this section relate to all cells/units of the lined 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 daily, intermediate and final cover.	4. Date Facility Last Surveyed: April 20, 2012 5. Airspace Used (cubic yards): 3,698,827 6. Total Tons Disposed in Airspace Used (tons): 1,919,736

7. How is your leachate transported to the waste water treatment plant? ☐ Sewer Connection ☒ Pump Truck

8. Did your facility stop receiving waste during this past Fiscal Year? ☐ Yes ☒ No

If so, please report the date this occurred: _____

9. Total waste landfilled at this facility during the period of July 1, 2011, through June 30, 2012. Indicate **tonnage** received by COUNTY of waste origin. If waste was received from a transfer station, indicate the COUNTY LOCATION OF THE TRANSFER STATION. Do not include waste diverted for recycling, reuse, mulching, or composting. Please indicate COUNTY and STATE, if received from another state.

Received from	**Jul**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**	**Total**
Buncombe	9,834.94	10,243.72	10,034.17	7,815.44	8,833.12	8,722.13	8,093.65	8,292.68	8,426.19	8,917	10,378.37	9,725.92	109,317.33

Grand Total 109,317.33

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

If yes, indicate the following:

Name: Jerry Mears	Certification type and expiration date: MOLO 5/25/13
Name: Kristy Smith	Certification type and expiration date: MOLO 2/9/14/Bioreactor Landfill Manager 10/22/14
Name: Dane Pedersen	Certification type and expiration date: Landfill Operations Specialist 11/15/14
Name: Dean Payne	Certification type and expiration date: Landfill Operations Specialist 2/13/15
Name: James Danner,James Yount,Charle	Certification type and expiration date: 5/16/15;4/19/14;4/19/14;5/16/15;5/16/15;4/19/14;4/27/1

11. 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:

Andrea Keller
2090 US Highway 70
Swannanoa, NC 28778
phone: 828.296.4700 email: Andrea.Keller@ncdenr.gov

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

Signature: Kristy Smith

Digitally signed by Kristy Smith
DN: cn=Kristy Smith, o=Solid Waste, ou=Buncombe County, email=kristy.smith@buncombecounty.org, c=US
Date: 2012.08.01 09:37:38 -04'00'

Date: Jul 31, 2012

Name: Kristy Smith

Title: Bioreactor Manager

Phone Number: (828) 250-5473

Email: kristy.smith@buncombecounty.org

NC DENR
Division of Waste Management - Solid Waste Section

Risk Assessment Form

Facility Name: Buncombe County MSW Landfill Permit: 1107-MSWLF-1996

Address: 85 Panther Branch Road

City: Alexander State: North Carolina Zip: 28701

Person completing Assessment: Kristy Smith Date:

Phone Number: (828) 250-5473 Fax: (828) 250-5478 Email: kristy.smith@buncombecounty.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? 11

   What are the three closest distances from the *Edge of Waste*? 816 Feet 1000 Feet 1000 Feet

2. Are there Potable Wells Within 1,500 feet of the Edge of Waste? ☒ Yes ☐ No

   If Yes, how many? 4

   What are the three closest distances from the *Edge of Waste*? 816 Feet 1090 Feet 1262 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? 4

   What are the three closest distances from the *Edge of Waste*? 475 Feet 600 Feet 950 Feet

   Please list the names of the water bodies: Tributaries (2) to Panther Branch, Blevin Branch,tributary to French Broad

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?

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?

Comments

An active methane extraction system is present, producing landfill gas to energy. This is not a corrective measure.