



According to (G.S. 130A-309.09D(b)) completed forms must be returned by August 1, 2014 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: Dare County C & D Landfill

Permit: 2803 CDLF 1995

Physical Address		Mailing Address	
Street 1: 1603 Cub Rd.		Street 1: PO Drawer 1000	
Street 2:		Street 2:	
City: Manns Harbor	County: Dare	City: Manteo	
State: North Carolina	Zip: 27953	State: North Carolina	Zip: 27954
Primary Facility Contact Person		Billing Contact Person	
Name: Edward Lee Mann		Name: Sally DeFosse	
Phone: (252) 475-5880	Fax: (252) 473-5218	Phone: (252) 475-5733	Fax: (252) 475-5818
Email: edwardlee@darenc.com		Email: sallyd@darenc.com	

1. Tipping Fee: \$65.00 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. Did your facility stop receiving waste during this past Fiscal Year? Yes No
If so, please report the date this occurred: _____

4. 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)

Carpet _____ tons Concrete/rubble/asphalt _____ tons Gypsum/drywall _____ tons Other Metal _____ tons
 Cardboard _____ tons Shingles _____ tons Electronics _____ tons Other Plastic _____ tons
 Wood _____ tons Other (specify) _____

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.

5. Date Facility Last Surveyed: May 19, 2014

6. Airspace Used (cubic yards): 1,060,538

7. Total Tons Disposed in Airspace Used (tons): 342,481

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

If yes, indicate the following:

Name: Clyde Gard Certification type and expiration date: Cert. Landfill Operator Spec. Oct 19, 2016
Name: Glenn Bailey Certification type and expiration date: Cert. Landfill Operator Spec. Oct 19, 2016
Name: Barry Cahoon Certification type and expiration date: Cert. Landfill Operator Spec. Oct 19, 2016
Name: Debi Equils Certification type and expiration date: Cert. Landfill Operator Spec. June 21, 2016
Name: _____ Certification type and expiration date: _____

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:

Ray Williams
127 Cardinal Drive Ext.
Wilmington, NC 28405
phone: 252.948.3955 email: Ray.Williams@ncdenr.gov

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

Signature: Edward Lee Mann Date: 7-31-2014

Name: Edward Lee Mann Title: Public Works Director

Phone Number: (252) 475-5880 Email: edwardlee@darenc.com

Facility Name: Dare County C & D Landfill Permit: 2803 CDLF 1995

Address: 1603 Cub Rd.

City: Manns Harbor State: North Carolina Zip: 27953

Person completing Assessment: Clyde E. Gard Date: 7-29-2014

Phone Number: (252) 475-5843 Fax: (252) 473-5218 Email: cgard@dareus.com

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*? _____ Feet _____ Feet _____ Feet
 Please list the names of the water bodies: _____
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

TONNAGE TAKEN TO COUNTY C&D LANDFILL			
	FROM MANNS HARBOR	FROM BUXTON	TOTAL TONNAGE
	FY 14		
JULY 2013	660.50	109.20	769.70
AUGUST 2013	757.80	73.80	831.60
SEPTEMBER 2013	451.50	89.00	540.50
OCT 2013	613.50	84.30	697.80
NOV 2013	477.80	73.40	551.20
DEC 2013	674.00	126.10	800.10
JAN 2014	602.00	69.80	671.80
FEB 2014	804.00	86.60	890.60
MARCH 2014	530.00	104.00	634.00
APR 2014	718.90	89.40	808.30
MAY 2014	694.10	102.70	796.80
JUNE 2014	625.60	83.40	709.00
	7,609.70	1,091.70	8,701.40

Clyde Gard

From: Brinchek, W. Michael (Mike) <BrinchekWM@cdmsmith.com>
Sent: Monday, July 28, 2014 4:28 PM
To: Shanna Fullmer
Cc: Clyde Gard; Edward Lee Mann
Subject: 2014 Dare County Airspace

Shanna,

Here is our analysis for the Annual Report due August 1, 2014.

Airspace Analysis:

The total constructed volume = **1,244,900 cy**. This includes Cells 1-4 as follows:

- 301,500 cy – Cell 1
- 301,500 cy - Cell 2
- 315,000 cy – Cell 3
- 326,900 cy – Cell 4

The future Airspace Not Yet Constructed – **326,900 cy** (Cell 5)

Airspace Used is **1,060,538 cy** as of June 17, 2013. This includes Cells 1-4 as follows:

- 301,500 cy – Cell 1
- 301,500 cy - Cell 2
- 326,174 cy – Cell 3
- 131,364 cy – Cell 4

May 19, 2014

Note that Cell 3 was overfilled by 9,000 cy. This is not necessary information for the annual report to the State, but will be important for us to document and keep an eye on in future years, which is why I will continue to send you this.

Disposal Analysis:

The County disposed of 333,780 tons through June 30, 2013.

The County disposed of 8,701 tons from July 1, 2013 through June 30, 2014.

Therefore the County disposed of **342,481 tons** since starting disposal operations.

Based on a total disposal of **342,481 tons** and a total volume of **1,060,538 cy**, the in place density of the waste is **0.323** tons per cubic yard. This number is down from the previous two years. I would suggest looking soil usage and placement to see if there are things we can do to increase the tons per cubic yard. Typical C&D facilities with compactors generally get well over 0.5 tons per yard, so this number isn't bad, but there may be things that we can do to increase.

Once you have completed the forms, if you want me to give them a final review, please let me know. I would have red lined the 2014 report you sent earlier to make it easier, but for some reason the file you sent me would not open up.

Mike

W. Michael Brinchek, P.E., BCEE | Senior Project Manager | CDM Smith | 5400 Glenwood Avenue, Suite 300
Raleigh, NC 27612 | T/F: 919.325.3502 | C:919.605.0639 | brinchekwm@cdmsmith.com | cdmsmith.com