

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: Duke Energy-Allen Steam Station RAB Ash Landfill

Permit: 3612-INDUS-2008

Facility Website (URL): <http://www.duke-energy.com/power-plants/coal-fired/allen.asp>

Physical Address		Mailing Address	
Street 1: 253 Plant Allen Road		Street 1: 253 Plant Allen Road	
Street 2:		Street 2:	
City: Belmont	County: Gaston	City: Belmont	
State: North Carolina	Zip: 28012	State: North Carolina	Zip: 28012
Primary Facility Contact Person		Billing Contact Person	
Name: Don Scruggs		Name: Sean DeNeale	
Phone: (704) 829-2423	Fax: (704) 829-2385	Phone: (704) 382-4761	Fax: (704) 382-6240
Email: Don.Scruggs@duke-energy.com		Email: Sean.DeNeale@duke-energy.com	

1. Tipping Fee: \$ 0.00 per Ton (Attach a schedule of tipping fees if appropriate.)

2. Indicate types of disposal activity occurring at this facility (Check all that apply).

- Landfilling of industrial waste (specify waste): Bottom Ash, Fly Ash, FGD Clarifier Sludge  
 Landfilling of construction and demolition waste  
 Landfilling of asbestos  
 Landfilling of ash  
 Landfilling of sludge  
 Landfilling of other waste (specify):

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) NOTE: Recycling activities occur at Allen Steam Station but are not associated with the landfill.

**Airspace (Capacity):** Questions in this section relate to all cells/units of the 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: 04/23/2013

5. Airspace Used (cubic yards): 579,004

6. Total Tons Disposed in Airspace Used (tons): 713,505.19



Facility Name: Duke Energy-Allen Steam Station RAB Ash Landfill Permit: 3612-INDUS-2008

Address: 253 Plant Allen Road

City: Belmont State: North Carolina Zip: 28012

Person completing Assessment: Sean DeNeale Date: Jul 24, 2013

Phone Number: (704) 382-4761 Fax: (704) 382-6240 Email: Sean.DeNeale@duke-energy.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? 1  
 What are the three closest distances from the *Edge of Waste*? 290 Feet \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 Please list the names of the water bodies: Lake Wylie (South Fork of the Catawba River)

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? UST related groundwater remediation at plant site

**Comments**

\*Waste streams identified on Page 1, Question 2 reflect disposal activities that occurred at this facility from July 1, 2012 through June 30, 2013.