

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 Corp - Marshall Steam Station Industrial Landfill No. 1

Permit: 1812-INDUS

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

Physical Address		Mailing Address	
Street 1: 8320 East NC Highway 150		Street 1: 8320 East NC Highway 150	
Street 2:		Street 2:	
City: Terrell	County: Catawba	City: Terrell	
State: North Carolina	Zip: 28682	State: North Carolina	Zip: 28682
Primary Billing Contact Person		Billing Contact Person	
Name: George Tolbert		Name: Kimberlee Hutchinson	
Phone: (828) 478-7820	Fax: (828) 478-7776	Phone: (336) 215-4576	Fax: (336) 445-0423
Email: George.Tolbert@duke-energy.com		Email: Kim.Hutchinson@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): Sandblast material
- Landfilling of construction and demolition waste
- Landfilling of asbestos
- Landfilling of ash
- Landfilling of sludge
- Landfilling of other waste (specify): Coal mill rejects, coal waste, pyrites

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SOLID WASTE SECTION
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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 Marshall 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: 05/07/2013

5. Airspace Used (cubic yards): 299,013

6. Total Tons Disposed in Airspace Used (tons): 375,041.71

Facility Name: Duke Energy Corp - Marshall Steam Station Industrial Landfill No. 1 Permit: 1812-INDUS

Address: 8320 East NC Highway 150

City: Terrell State: North Carolina Zip: 28682

Person completing Assessment: Kimberlee Hutchinson Date: Jul 24, 2013

Phone Number: (336) 215-4576 Fax: (336) 445-0423 Email: Kim.Hutchinson@duke-energy.com



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? 6
 What are the three closest distances from the *Edge of Waste*? 580 Feet 770 Feet 1170 Feet
2. Are there Potable Wells Within 1,500 feet of the Edge of Waste? Yes No
 If Yes, how many? 5
 What are the three closest distances from the *Edge of Waste*? 460 Feet 580 Feet 770 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*? 750 Feet _____ Feet _____ Feet
 Please list the names of the water bodies: Unnamed tributary
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? 1

Corrective Measures

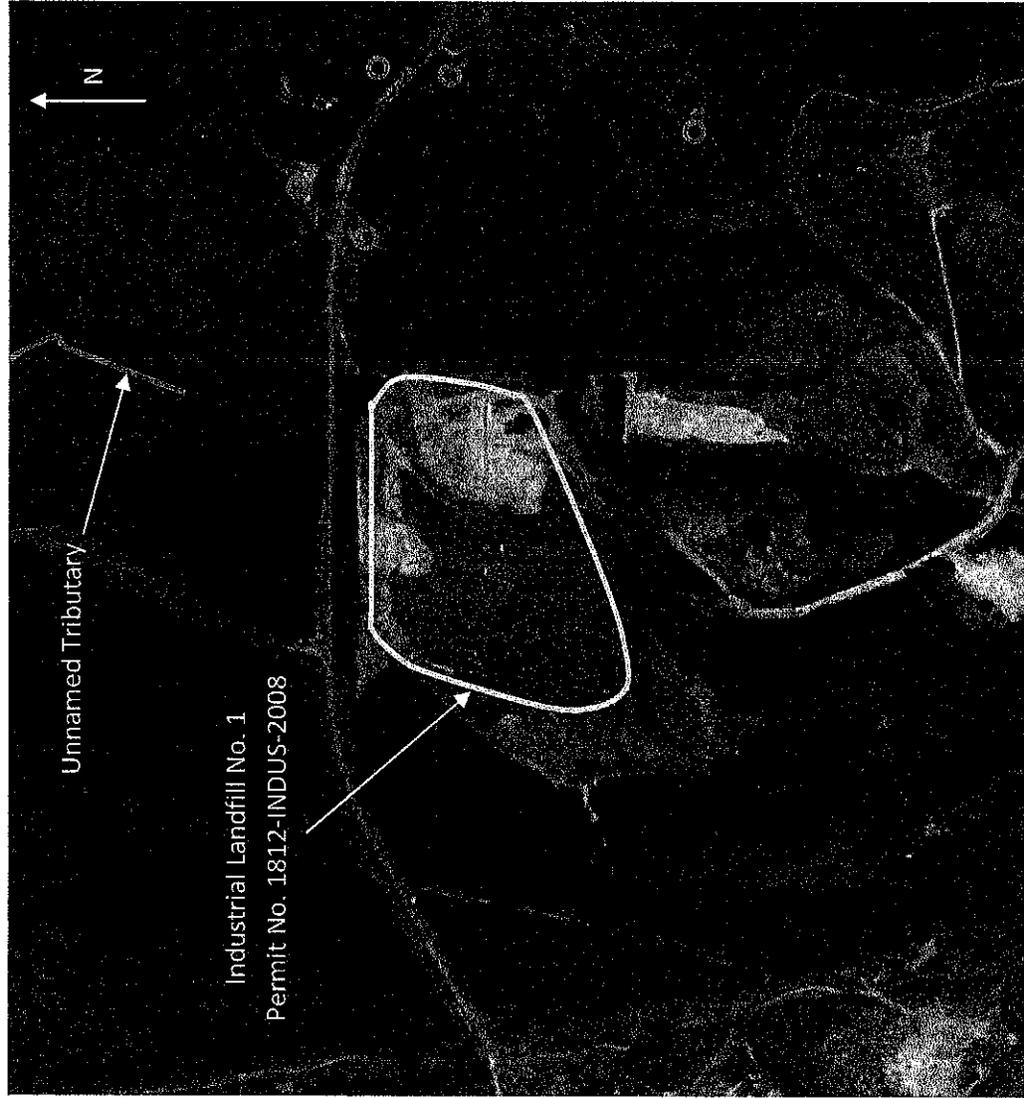
6. Is there an active methane extraction system (blower, flare, etc.)? Yes No
7. Is there a passive methane extraction system (trench, vents in cap, flare, etc.)? Yes No
8. Is there groundwater remediation taking place on site? Yes No
 If Yes, what is the specific remedial technology used? _____

Comments

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

Duke Energy – Marshall Steam Station Industrial Landfill No. 1

Permit: 1812-INDUS



LEGEND:

- Edge of Waste
- Surface Water Bodies
- Potable Well Within 1,500' of Edge of Waste