

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
**Division of Waste Management - Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	<b>COUNTY: CATAWBA</b> <b>PERMIT NO.: 1804-INDUS-1983</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** September 22, 2015 **Date of Last Inspection:** July 16, 2015

**FACILITY NAME AND ADDRESS:**

Duke Energy Carolinas, LLC - Marshall Steam Station  
 Industrial Landfill  
 8320 East NC Highway 150  
 Terrell, North Carolina 28682

**GPS COORDINATES:** N: 35.616972 W: -80.969116

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Tim Russell, 828-478-7622, [Tim.Russell2@duke-energy.com](mailto:Tim.Russell2@duke-energy.com)

Kim Hutchinson, 336-215-4576, [Kim.Hutchinson@duke-energy.com](mailto:Kim.Hutchinson@duke-energy.com)

**FACILITY CONTACT ADDRESS:**

Same as above

**PARTICIPANTS:**

Tim Russell – Duke Energy  
 Chris Randazzo – Duke Energy  
 Shawn McKee – NCDENR, Solid Waste Section

**STATUS OF PERMIT:**

Inactive/Closed. The facility consists of a closed ash landfill, closed asbestos landfill, and a closed construction and demolition landfill. The portion of the landfill permitted to receive fly ash was closed in 2001. The portion of the landfill permitted to receive asbestos and construction and demolition debris has not received waste since before June 30, 2008. Closure documentation and closure certification has been submitted and received by the Solid Waste Section.

**PURPOSE OF SITE VISIT:**

Follow-up Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

General Permit Condition #6: *“Operation of this solid waste management facility shall be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.), the conditions contained in this permit; and the approved plan.”*

All unpermitted waste has been removed from the “compost area”. The area has been graded and stabilized.  
**Resolved.**

**OBSERVED VIOLATIONS**

None.

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The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

Inspection of the Closed Ash Landfill (Area 1):

1. At the time of the July 16, 2015 inspection, an area identified as the “Compost Area”, located to the west of Area 1 of the Dry Ash Landfill, was being used for disposal of land clearing debris from onsite clearing of woody vegetation generated by monitoring well installation activities. Per General Permit Condition #6: “Operation of this solid waste management facility shall be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.), the conditions contained in this permit; and the approved plan.” The current permit does not allow for disposal of land clearing debris in a separate location outside of the active working face of the FGD Landfill or Industrial Landfill #1. Unpermitted disposal of land clearing debris outside of the active permitted landfills was discontinued.

After the July 16, 2015 site inspection, the facility immediately began working on a plan to address the removal of unpermitted land clearing debris in the “Compost Area”. As of August 12, 2015, an assessment of the waste had been conducted. Test pits were dug to determine the total amount of waste to be removed and a TCLP analysis was conducted to determine which type of permitted landfill was appropriate for disposal of the waste.

On August 24, 2015, Duke Energy provided documentation to the Solid Waste Section that all unpermitted land clearing debris in the “Compost Area” had been removed. According to the letter: approximately 507 tons of soil debris was hauled to the Marshall on-site lined landfill facility (FGD Landfill) using onsite disposal trucks; and approximately 116 tons of vegetative debris was hauled via disposal truck to the Republic Services CMS Landfill (Permit # 1304-MSWLF-1992) for disposal. A Waste Ticket Summary confirming the disposal at the CMS Landfill was provided to the Section. The letter stated that on August 21, 2015 the storage area was fine graded and stabilized using seed, and straw layer added for protection.

All unpermitted waste has been removed from the “compost area”. The area has been graded and stabilized. **Resolved.**

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Pictures taken July 16, 2015



Picture taken September 22, 2015

Please contact me if you have any questions or concerns regarding this inspection report.

*S. A. Miller*

Phone: 919-707-8284

Environmental Senior Specialist  
**Regional Representative**

<b>Sent on:</b> October 23, 2015	<b>Email:</b> X	<b>Hand delivery</b>	<b>US Mail</b>	<b>Certified No.</b> [ ]
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Copies:

- Ellen Lorscheider, Section Chief, Solid Waste Section
- Ed Mussler, Permitting Branch Head, Solid Waste Section
- Jason Watkins, Field Operations Branch Head, Solid Waste Section
- Deb Aja, Western District Supervisor, Solid Waste Section
- Elizabeth Werner, Permitting Hydrogeologist, Solid Waste Section
- Larry Frost, Engineering Project Manager, Solid Waste Section
- Jessica Montie, Compliance Officer, Solid Waste Section