



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Mecklenburg County Land Use and Environmental Services Agency**  
**Solid Waste Division**

UNIT TYPE:								COUNTY: MECKLENBURG PERMIT NO.: 6004-INDUS-1981 FILE TYPE: COMPLIANCE				
Lined MSWLF		LCID		YW		Transfer			Compost		SLAS	
Closed MSWLF		HHW		White goods		Incin			T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill	X		DEMO		SDTF	

**Date of Site Inspection: January 26, 2016**

**Date of Last Inspection: June 24, 2015**

**FACILITY NAME AND ADDRESS:**

Duke Energy McGuire Station Landfill  
 13339 Hagers Ferry Road  
 Huntersville, NC 28078

**GPS COORDINATES:** N: 35.41638 W: -80.94574

**FACILITY CONTACT NAME AND PHONE NUMBER:**

John Williamson. (980) 875-5894

**FACILITY CONTACT ADDRESS:**

Duke Energy  
 McGuire Nuclear Station  
 12700 Hagers Ferry Road  
 Huntersville, NC 28078

**PARTICIPANTS:**

Charles Dial, Mecklenburg County LUESA  
 John Williamson, Duke Energy  
 Tim Gibson, Duke Energy

**STATUS OF PERMIT:**

Permit to Construct issued July 30, 1991  
 Original Permit to Operate issued July 30, 1992  
 Permit to Operate, Amendment: 5-year Renewal issued September 25, 2014

**PURPOSE OF SITE VISIT:**

Comprehensive Facility Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

N/A

**OBSERVED VIOLATIONS:**

None

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.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Mecklenburg County Land Use and Environmental Services Agency**  
**Solid Waste Division**

January 26, 2015  
Permit No. 6004  
Page 2 of 3

**ADDITIONAL COMMENTS:**

1. The facility utilizes a lined basin, and is permitted as an Industrial Landfill. The facility includes a leachate collection system, using a lined, leachate collection pond. The collected leachate is pumped to the McGuire Station pond, and subjected to a wastewater treatment process.
2. The facility is permitted to receive industrial solid waste generated by Duke Energy as described in the approved plan. No waste was received during inspection.
3. Facility access is controlled by gates with may be locked. The landfill is secured with barbed-wire topped fence. Gates are closed and locked except during facility maintenance and use. Observed proper signage at access point. Observed all-weather access roads in good repair.
4. Observed landfill operator in attendance.
5. Observed landfill in good condition. Edge of waste markers have been established. The working face is restricted to a small area. Observed stockpiled soil for use as cover.
6. Observed all slopes are well-managed and maintained in compliance with State Rules and specific permit conditions. Inactive areas are stabilized and covered by vegetation.
7. The facility must use a waste-screening program to include (a) random inspections of incoming loads, (b) records of all inspections and (c) training of personnel to recognize waste types excluded from the facility. Observed the facility implements a program to screen waste. The facility controls the waste it receives, starting at the site at which waste is generated, and including collection and transport. The facility does not receive waste collected by outside concerns. No unapproved waste was observed at the site.
8. Sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act NCGS 113A-50 and rules under 15A NCAC 4. Observed sedimentation and erosion control measures are effective. Surface water is properly diverted and no waste is in contact with standing water.
9. Observed leachate collection infrastructure present. Found leachate collection pond secured and operational.
10. Observed groundwater monitoring wells are maintained and readily accessible.

**RECORDS REVIEW:**

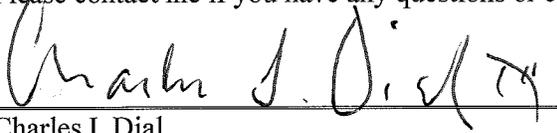
11. Observed a copy of the facility permit and operations plan available on site.
12. The facility maintains records of all waste tonnage received by the landfill. Observed October 1 thru December 31 Quarterly Tonnage Report.
13. The facility maintains record of disposal locations within the landfill footprint, in compliance with permit condition #27.
14. Groundwater wells are established and monitored. Reports are submitted to State and County.
15. Observed trained individuals present.

John Williamson- SWANA Certified Manager of Landfill Operations

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Mecklenburg County Land Use and Environmental Services Agency**  
**Solid Waste Division**

January 26, 2015  
Permit No. 6004  
Page 3 of 3

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



Charles I. Dial  
Environmental Specialist  
Mecklenburg County, LUESA  
(704) 432-1753

<b>Sent on:</b> 1/27/2016	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input checked="" type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. [ ]
------------------------------	-------------------------------------	-------	--------------------------	---------------	-------------------------------------	---------	--------------------------	-------------------

cc: Teresa Bradford, Environmental Senior Specialist, NCDENR