



FACILITY COMPLIANCE AUDIT REPORT
Mecklenburg County Land Use and
Environmental Services Agency
Solid Waste Services



UNIT TYPE:											
Lined MSWLF	X	LCID		YW		Transfer		Compos t		SLAS	COUNTY: Mecklenburg PERMIT NO.: SWC 60-04 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: October 2, 2013

Date of Last Audit: September 12, 2012

FACILITY NAME AND ADDRESS:

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

GPS COORDINATES: N: 35:25:06 E: 080:56:84

FACILITY CONTACT NAME AND PHONE NUMBER:

Mr. John Williamson (980) 875-5894

FACILITY CONTACT ADDRESS:

John C. Williamson
 Duke Energy
 McGuire Nuclear Station
 12700 Hagers Ferry Road
 Huntersville, NC 28078

Mailcode: MG01EM

PARTICIPANTS:

Charles Dial, Mecklenburg County Solid Waste Div.
 Teresa Bradford, NCDENR Division of Waste Mgt.
 John Williamson, Duke Energy
 Robert Sapp, Duke Energy
 Sean De Neale, Duke Energy
 Tim Gibson, Duke Energy

STATUS OF PERMIT:

Permit to Construct issued July 30, 1991.
 Permit to Operate issued July 30, 1992.
 Permit to Operate, Amendment July 7, 2008.
 Permit Expires July 7, 2014.
 Operator must submit a request for permit review no later than April 7, 2014.

PURPOSE OF SITE VISIT:

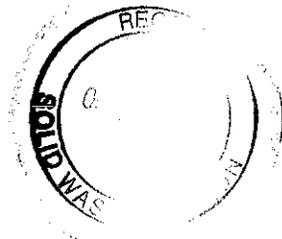
Facility Audit.

WEATHER CONDITIONS:

Sunny, clear conditions.
 Temperature: 65°F - 75°F.

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STATUS OF PAST NOTED VIOLATIONS:

No violations were noted.

OBSERVED VIOLATIONS:

No violations were observed.

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 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 – ACTIVE LANDFILL #2:

1. The facility consists of a lined basin, permitted as an Industrial Solid Waste Landfill. The facility utilizes a leachate collection system, using a leachate collection pond. The collected leachate is subsequently pumped to the McGuire Station pond, to be included in the wastewater treatment process.
2. The facility is permitted to receive industrial solid waste generated by Duke Energy Corporation as described in approved plan.
3. The facility is secured with a barbed wire-topped, chain-linked fence. The facility is accessed at gates which are directed to remain locked except during facility use and maintenance.
4. Observed proper facility signage.
5. Observed attendant on duty.
6. Observed access roads are well maintained.
7. Observed working faces were small, restricted to minimum feasible area, and well controlled.
8. Observed all waste was covered with soil. Facility is using oil-contaminated soil as alternate daily cover in compliance with approved conditions.
9. Slopes are well managed and in compliance with permit conditions. Observed inactive surfaces are stabilized, and grass has been established.
10. Observed no unacceptable waste present.
11. Observed surface water management diverts runoff from active cells.
12. A visual inspection of leachate collection pond found pond secured, and in good condition. Facility has a system maintenance plan for leachate collection.

RECORDS REVIEW:

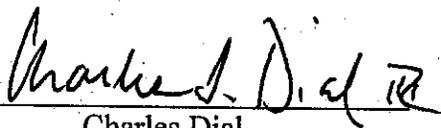
13. Observed a copy of Permit No. 60-04 and approved Landfill Operations Manual on site.
14. The facility maintains an electronic database of all waste tonnage received by landfill, including county and state of origin. Waste reports can be produced for any time frame. Observed waste report for August 2013 recorded 160.56 tons of waste received.
15. The certified operators are:
John Williamson, Duke Energy- Certified Landfill Technical Associate
Robert Sapp, Duke Energy- Manager of Landfill Operations
Sean De Neale, Duke Energy- Manager of landfill Operations
Tim Gibson, Duke Energy- Landfill Operator Specialist
16. Groundwater monitoring and surface water monitoring have been established in compliance with approved plan. Monitoring reports have been submitted as required.

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ADDITIONAL COMMENTS – CLOSED LANDFILL #1:

17. Dial, Bradford, Williamson, Sapp and De Neale visited closed McGuire Landfill #1 (Permit No. 6004). Observed access road in good condition, and facility secured with fence and locked gate.
18. Visual inspection of cap along edge of waste found good conditions. Cap and vegetation properly managed. Dial will schedule a follow-up inspection of Landfill #1 cap in November/December 2013 after vegetation is closely cropped.
19. Groundwater monitoring and surface water monitoring performance is in compliance with permit requirements. Monitoring reports have been submitted as required.



Charles Dial

Environmental Specialist
Regional Representative

Phone: 704-432-1753

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Cc. Teresa Bradford, Waste Management Specialist