FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Catawba
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: 18-04
CDLF		Tire T&P / Collection		Tire Monofill		Closed Industrial Landfill	X	DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: April 29, 2010 **Date of Last Audit:** None

FACILITY NAME AND ADDRESS:
Duke Energy - Marshall Steam Station
8320 East NC Highway 150
Terrell, North Carolina 28682

GPS COORDINATES: N: 35.61695 W: 80.96894

FACILITY CONTACT NAME AND PHONE NUMBER:
Donna Burrell, Environmental Coordinator (828) 478-7820
donna.burrrel@duke-energy.com

FACILITY CONTACT ADDRESS:
Same

AUDIT PARTICIPANTS:
Donna Burrell, Duke Power- Environmental Coordinator
Ed Sulllivan, Duke Power- General Office
Carlton Allred, Duke Power-Materials Coordinator
Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:
This facility is closed. Closure and Post Closure Documentation along with Closure Certification has been submitted and received by the Solid Waste Section. A Letter of Closure will be forthcoming.

PURPOSE OF AUDIT:
Comprehensive

NOTICE OF VIOLATION(S):
None

You are hereby 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 Statute or Regulations. For the violation(s) noted here, you 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.

STATUS OF PAST NOTED VIOLATIONS:
N/A

AREAS OF CONCERN AND COMMENTS:

1. The facility consists of a closed ash landfill, closed asbestos landfill, and a closed construction and demolition landfill.

Inspection of the Closed Ash Landfill:

2. An area of bare soil was observed on the southeast portion of the landfill at the inlet to a slope drain. Mr. Allred stated that this was the result of ponding issues. No standing water was observed in this location at the time of inspection. This area must be repaired to prevent future ponding and the area stabilized with a permanent groundcover sufficient to restrain erosion.
3. An area of bare soil was observed at the southwest corner of the landfill on the top. This bare area was also located at a slope drain. Please stabilize this area with a permanent groundcover sufficient to restrain erosion.
4. A repaired portion of the landfill was observed near the southwest corner at the first bench adjacent to the access road. This area has been seeded and straw mulched with some germination of seed. Continue to monitor this area to ensure the establishment of a permanent groundcover sufficient to restrain erosion.
5. Edge of waste markers were in place at the time of inspection.
6. With the exception of the above mentioned bare areas, an excellent stand of grass was observed on the landfill.

Inspection of the Closed Construction and Demolition Landfill:

7. Edge of waste markers were in place at the time of inspection.
8. A good stand of grass was observed on top of the landfill.
9. Groundcover has failed on a portion of the eastern slopes. Reseed, fertilize, and mulch as necessary in order to establish a permanent groundcover sufficient to restrain erosion.
10. Some erosion was observed on the eastern slopes. All eroded areas and portions of slope that are settling must be repaired and properly stabilized.

Inspection of the Asbestos Landfill:

11. Edge of waste markers were in place at the time of inpsection
12. A good stand of grass of grass was observed on the landfill. However, one area of significant ponding was observed at the southwest corner adjacent to a gravel and rip rap filter ring that leads to a slope drain. This area must be repaired to prevent ponding and a permanent groundcover established.
13. Majority of western slopes have been stabilized with rip rap.
14. Rip rap located at the outlet of a slope drain located on the western slope as been partially displaced. This stone in this area should be repaired and steps taken to ensure that stone is not displaced in the future.

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

Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144.

Delivered on : 5/12/10 by	X	Electronic Correspondence		US Mail		Certified No. [ ]

Cc: Mark Poindexter, Field Operations Branch Supervisor
Deborah Aja, Western District Supervisor
Ed Sullivan (ed.sullivan@duke-energy.com)
Carlton Allred (jcallred@duke-energy.com)