



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: HAYWOOD PERMIT NO.: 44-04 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 01/27/2010

Date of Last Audit: 05/01/2007

FACILITY NAME AND ADDRESS:

Town of Canton Municipal Solid Waste Landfill
 State Road 1854
 Canton, NC 28716

GPS COORDINATES: **N:** 35.52493 **E:** -82.82085

FACILITY CONTACT NAME AND PHONE NUMBER:

Johnny Gibson, Town of Canton Public Works Department
 (828) 648-2363

FACILITY CONTACT ADDRESS:

Johnny Gibson
 Town of Canton Public Works Department
 P. O. Box 987
 Canton, NC 28716

AUDIT PARTICIPANTS:

Andrea Keller – DENR Solid Waste Section
 Johnny Gibson – Town of Canton Public Works

STATUS OF PERMIT:

Town stated intent to halt operation of landfill by April 9, 1994
 Closure Letter issued on December 29, 1995

PURPOSE OF AUDIT: COMPREHENSIVE

NOTICE OF VIOLATION(S): NONE

STATUS OF PAST NOTED VIOLATIONS: NONE

AREAS OF CONCERN AND COMMENTS:

1. Site access is controlled/gated.
2. No edge of waste markers or easily identifiable edge of waste delineations. Please see attached memo from the Section regarding the edge of waste marker requirements.
3. Groundwater monitoring records are kept at the courthouse. The two most recent groundwater monitoring events (June 22 and December 17, 2009) records are on file with the Section. Two monitoring wells (MW-1

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and MW-2) are part of the approved groundwater monitoring network. During the inspection it was noted that MW-2 requires a new lock. Wells were accessible and labeled.

4. While the edge of waste was not clearly defined, it appeared as though some small trees had taken root on the cap. This landfill was closed under the .0500 Rules and the Post-Closure General Condition #4 states that: *the integrity and effectiveness of the final cover system and any permanent erosion control devices must be maintained. This could include making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other events.*



01/27/10

The woody/tree growth is encroaching upon the cap system. As these types of root systems will most likely extend beyond the erosion layer into the impermeable layer of the cap (thus destroying the integrity of the cap system and creating a path for water into the landfill), and as trees both inhibit the proper mowing and necessary maintenance of the cap while impeding on the ability to visually inspect the cap integrity, **this woody shrub/tree growth must be eliminated. Any stumps and root systems of larger trees must be removed and the cap system repaired.**

5. Post Closure Condition #4 discusses the management of landfill gas: *The owner shall take the measures necessary to ensure that the closed site shall continue to meet the design standards for landfill gas found in Rule .0503(2)(a).* **Please submit documentation to the Section that verifies that the landfill is in compliance with 15A NCAC 13B .0503(2)(a) which states:**
 - (a) The concentration of explosive gases generated by the site shall not exceed:
 - i. Twenty-five percent of the limit for the gases in site structures; and
 - ii. The lower explosive limit for the gases at the property boundary.

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

Andrea Keller
Environmental Senior Specialist
Regional Representative

Phone: (828) 296-4700

Delivered on : <u>04/14/2010</u> by		Hand delivery		US Mail		Certified No. []
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ec: Mark Poindexter, Field Operations Branch Supervisor
Deb Aja, Western District Supervisor
Donald Herndon, Compliance Officer