



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Watauga PERMIT NO.: 95-02 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: June 17, 2010**Date of Last Audit:** December 5, 2008**FACILITY NAME AND ADDRESS:**

Watauga County Closed MSW Landfill
 336 Landfill Road
 Boone, NC 28607

GPS COORDINATES: N: 36.2208 E: -81.6329**FACILITY CONTACT NAME AND PHONE NUMBER:**

J.V. Potter, Operations Services Director
 w. 828-264-5305
 c. 828-964-0681
 f. 828-264-1702
 jv.potter@watgov.org

FACILITY CONTACT ADDRESS:

Watauga County Sanitation
 J.V. Potter, Operations Services Director
 336 Landfill Road
 Boone, NC 28607

AUDIT PARTICIPANTS:

John Patrone, NCDENR - Solid Waste Section (SWS)
 J.V. Potter, Operations Services Director, Watauga County Sanitation
 Donna Watson, Administrative Assistant, Watauga County Sanitation

STATUS OF PERMIT:

Closed

PURPOSE OF AUDIT:

Post Closure Audit

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.

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STATUS OF PAST NOTED VIOLATION(S):

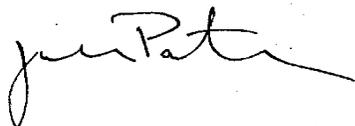
None

AREAS OF CONCERN AND COMMENTS:

On June 17, 2010, John Patrone met with J.V. Potter and Donna Watson to conduct a post closure audit of the Watauga County Closed Municipal Solid Waste Landfill located at 336 Landfill Road in Boone, Watauga County.

1. The facility ceased accepting waste on April 8, 1994.
2. The landfill cap is covered with native grasses and is mowed for hay once a year. The cap is scheduled to be mowed by July 2010.
3. The facility maintains semi-annual groundwater monitoring test records. Records for groundwater and surface water conducted on September 1&2, 2009 and March 11&12, 2009 were verified. Exceedance of water monitoring standards was detected.
4. The facility maintains methane monitoring records. Due to a methane exceedance, the facility has been monitoring for methane monthly at methane probe No. 2 and submitting data to SWS. Monitoring results for methane conducted May 14, 2010 (percent volume): 2R 0.0, 2Y 8.1, 2B 38.5, and 2G 43.6. June 2010 methane monitoring was conducted June 16, 2010.
5. The facility has installed one re-drilled and two new landfill gas extraction wells in the vicinity of methane probe No. 2. The three methane gas extraction wells were verified.
6. The facility is in the process of installing two methane powered generator units to feed electric (produced from methane extracted from the facility) to Blue Ridge Electric Company (BRECO). The buildings on the property will receive a credit and deduct its electric usage accordingly. The installation process of the two methane powered generator units was verified. The project is scheduled to be complete by July 2010.
7. The methane flare was in operation during the audit.
8. Water monitoring wells were observed. The wells were locked and contained a cement pad.
9. There was no indication of runoff or erosion.
10. The facility is reminded to install edge of waste markers. The facility should develop a statement or illustration which documents the location of edge of waste markers.
11. The facility is secured by a locked gate.
12. The facility has proper signage.

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



Phone: 336-771-5095 Fax: 336-771-4631

John Patrone
 Environmental Senior Specialist
Regional Representative

Delivered on : <u>June 18, 2010</u> by		Hand delivery/email	<input checked="" type="checkbox"/>	US Mail		Certified No. []
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- cc: Mark Poindexter, Field Operations Branch Supervisor
 Jason Watkins, Central Regional Supervisor
 Donald Herndon, Compliance Officer
 Allen Gaither, Environmental Engineer
 Ervin Lane, Compliance Hydrogeologist
 Elizabeth Werner, Hydrogeologist
 Donna Watson, Watauga County Sanitation