



# FACILITY COMPLIANCE AUDIT REPORT

## Division of Waste Management Solid Waste Section

**UNIT TYPE:** (check all that apply to this audit with same Permit number)

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		<b>COUNTY:</b> Alamance <b>PERMIT NO.:</b> 01-02 <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: 07/25/07.

Date of Last Audit: 03/09/07

**FACILITY NAME AND ADDRESS:**

Stericycle, Inc.  
 1168 Porter Avenue  
 Haw River, North Carolina 27258

**GPS COORDINATES: (Decimal Degrees) N:** 36.06564 **E:** 79.34915

**FACILITY CONTACT NAME AND PHONE NUMBER:**

J.W. Hill, Area Manager-Environmental, Safety, and Health  
 336-578-8900 ext.23

**FACILITY CONTACT ADDRESS (IF DIFFERENT):**

Same

**AUDIT PARTICIPANTS:**

J.W. Hill, Stericycle  
 Andrea Sykes, Stericycle  
 Hugh Jernigan, N.C. Solid Waste Section

**STATUS OF PERMIT:**

Original Permit Issued: January 31, 1991  
 Permit Modification Issued: January 9, 1998  
 Permit renewal with name change and revised Operational Plans: September 15, 2003  
**Permit Expiration Date: September 15, 2008**

**PURPOSE OF AUDIT:**

Comprehensive Audit

**NOTICE OF VIOLATION(S) (citation and explanation):**

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, 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 (List all noted last audit):**

None

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**AREAS OF CONCERN AND COMMENTS:**

1. The facility is a medical waste treatment operation consisting of two incinerators. The site typically operates 24 hours per day, 7 days a week, excepting scheduled maintenance and repair down time.
2. The facility accepts regulated medical waste, non-regulated medical waste, and pharmaceuticals for incineration.
3. There is no service area in the Solid Waste Permit for the facility, but the site typically receives waste from all of North Carolina and surrounding states. During the past year, waste was received from approximately 14 states.
4. At the time of the inspection, incinerator # 1 and incinerator #2 were in operation. The incinerators are permitted for a 1911 pound per hour charging rate, each. The facility processes approximately 88,000 – 90,000 pounds of waste per week.
5. Reviewed the permit, operational plans including contingency plans, and operational logs.
6. Ash generated by the incinerator operations is processed through a water squelch, is transferred to roll-off containers, and dewatered prior to shipment to the landfill.
7. Ash disposal from the incinerator operations is conducted at Upper Piedmont Landfill, Roxboro, North Carolina. Approximately 300 tons of ash generated and disposed monthly from incinerator operations. Review of ash disposal records for the week period of July 2 through July 9 indicated the facility shipped 79.52 tons of ash for landfill disposal.
8. Conducted spot check review of hourly charging rates for incinerator units and primary/secondary chamber temperature charts. The records review showed compliance with the charging rate of less than 1911 pounds per hour and temperatures exceeding the minimums of 1200 degrees F. for the primary chamber and 1800 degrees F. for the secondary chamber during operation. Also observed current time digital read-outs, and primary/secondary chamber temperatures, which were noted to be in compliance.
9. Reviewed June 2007 ash sampling analysis report.
10. The facility has agreed to conduct two interim ash sampling and analysis in addition to the required semiannual sampling normally conducted in June and December. The next interim sampling event is scheduled for September 2007.
11. Stericycle has submitted to the Solid Waste Permitting Section, a revised ash sampling procedure utilized by other Stericycle facilities as a potential future procedure for the Haw River facility.
12. Conducted spot checks on medical waste manifest and certificate of destruction records.
13. Most medical waste received by the facility is processed within two days of receipt at the facility. All waste at the site waiting for processing was stored in refrigerated collection trailers at the time of the visit.
14. All wastewater generated at the site controlled and is collected by floor drains to a pre-treatment facility and to city WWTP.
15. No on-site storage (inside building) of medical waste, all waste is processed directly from incoming trucks and trailers.

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

Hugh Jernigan Phone: 336-771-5093  
*Regional Representative*

**Distribution: original signed copy to facility -- signed copy to compliance officer – e-mail or copy to super**

Delivered on : <u>07/27/07</u> by		hand delivery	x	US Mail		Certified No. [ ]
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Cc: Mark Poindexter  
 Amy Kadrie  
 Deborah Aja  
 WSRO Files