



**FACILITY COMPLIANCE AUDIT REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

UNIT TYPE:											
Lined MSWLF	<input checked="" type="checkbox"/>	LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS	<b>COUNTY: Wilkes</b> <b>PERMIT NO.: 97-04</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods	<input checked="" type="checkbox"/>	Incineration		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF		Tire T&P / Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Audit:** November 24, 2009

**Date of Last Audit:** May 22, 2009

**FACILITY NAME AND ADDRESS:**

Wilkes County Municipal Solid Waste Landfill  
 9219 Elkin Hwy  
 Roaring River, NC 28669

**GPS COORDINATES:** N: 36.20761 E: -80.98981

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Kent Brandon, Solid Waste Director

w: 336-696-5806

c: 336-927-3339

f: 336-696-2923

kbrandon@wilkescounty.net

**FACILITY CONTACT ADDRESS:**

Wilkes County Department of Solid Waste  
 PO Box 389  
 Roaring River, NC 28669

**AUDIT PARTICIPANTS:**

John Patrone, NCDENR – Solid Waste Section (SWS)  
 Kent Brandon, Solid Waste Director  
 Phil Greene, Landfill Supervisor  
 Melissa White, Office Manager  
 Linda Souther, Recycling Supervisor

**STATUS OF PERMIT:**

Permit To Operate (PTO) - Modification issued June 3, 2009  
 PTO expires on June 30, 2011

**PURPOSE OF AUDIT:**

Comprehensive Audit

**NOTICE OF VIOLATIONS:**

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 VIOLATIONS:**

None

**AREAS OF CONCERN AND COMMENTS:**

On November 24, 2009, John Patrone met with Kent Brandon, Phil Greene, Melissa White, and Linda Souther and conducted a compliance audit of the Wilkes County Municipal Solid Waste Landfill in Roaring River, Wilkes County.

1. The facility is permitted to receive municipal solid waste (MSW) from Wilkes County.
2. Solid waste is currently being accepted into Phase 3.
3. The facility maintains daily, monthly, and annual records of the amount of solid waste received. The amount of MSW received for October 2009 is 4,387.03 tons. The facility receives ~ 200 TPD or ~ 4,500 TPM.
4. The facility site plan and operations plan were verified.
5. The facility maintains waste screening reports. Waste screening reports for June through November 23, 2009 were verified. The facility conducts ~ 5 waste screenings a week.
6. The facility maintains scrap tire certifications. Scrap tire certifications for August through November 21, 2009 were verified. Scrap tires are hauled to US Tire Recycling, LP in Concord, NC.
7. The facility manages white goods containing chlorofluorocarbons (CFCs) on a small white goods pad. After CFCs are extracted the white goods are brought to the scrap metal area. The facility extracts its own CFCs and maintains records of the amount of CFCs removed. Records for April through July 2009 were verified. CFCs are generally extracted once a week.
8. The facility has a scrap metal area located adjacent to the office/maintenance shop. Scrap metal is piled on a small cement pad until hauled off site. The facility hauls scrap metal to metal recycling facilities.
9. The following are facility certified personnel:
  - a. Kent Brandon, Cert. Landfill Operations Specialist, No. LF-2008802, exp. 08/26/11.
  - b. Phil Greene, Cert. Landfill Manager (MOLO), No. 79680, exp. 05/6/11 and Cert. Landfill Operations Specialist, No. LF-2004021, exp. 08/31/10.
  - c. Olen Nester, Cert. Landfill Operations Specialist, No. LF-2005083, exp. 02/13/12.
  - d. Rodney Caudill, Cert. Landfill Operations Specialist, exp. 04/14/12.
  - e. Mike Miller, Cert. Landfill Operations Specialist, No. LF-2009426, exp. 04/14/12
  - f. Linda Souther, Cert. Landfill Operations Specialist, No. LF-2009809, exp. 08/21/12
  - g. Steve Shumate, Cert. Landfill Operations Specialist, No. LF-2009810, exp. 08/21/12
10. The facility maintains semiannual ground water monitoring and leachate test records. Records of water and leachate tests, conducted on December 30, 2008 & March 12, 2009 and June 24 2009 & September 24, 2009 were verified. The reports contained a statement of no exceedance.
11. The facility has a 1.5 million gallon leachate pond. During the inspection, the leachate pond had a freeboard of ~ 35 percent. Leachate is pumped-out and hauled to the Town of Wilkesboro Wastewater Treatment Plant (WWTP). Leachate analysis conducted by Research & Analytical Laboratories, Inc. on March 5, 2009 was verified.
12. The facility maintains quarterly methane monitoring records. Records for methane monitoring conducted on June 10, 2009 and September 9, 2009 were verified. The records stated that methane LELs were not exceeded.
13. The facility is approved for the co-disposal of wastewater treatment sludge. Mr. Brandon stated that the facility receives wastewater treatment sludge from the Wilkesboro Wastewater Treatment Plant (WWTP) ~ twice a week. The facility maintained records of analysis conducted by Meritech, Inc. (provided by the WWTP). The facility must ensure that the wastewater treatment sludge received is analyzed and declared a non-hazardous waste as per (all parameters of) 40 CFR 261.24, "Toxicity Characteristic" and a non-liquid waste as per 40 CFR 264.314 and 265.314, "Paint Filter Liquids Test."
14. The facility is approved for the use of tarps as alternative daily cover (ADC). The facility currently uses tarps as ADC.
15. The facility is approved for the use of leachate recirculation in Phase 1. Mr. Brandon stated that leachate recirculation is not conducted.

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16. The facility maintains Financial Assurance documentation for closure, post-closure, and corrective action costs totaling \$5,308,945. The financial mechanism was approved by the SWS on February 25, 2009.
17. The edge of liner is denoted by white stakes along its perimeter. Mr. Brandon stated that edge of waste is ~ 15 feet from the edge of liner markers. The facility should maintain an edge of waste illustration in order to aid in verification.
18. Erosion and sedimentation controls appeared to be in good order. Slope and ground cover appeared adequate.
19. Water monitoring wells were observed. The wells were locked and labeled.
20. No wind blown material was observed.
21. The facility has a convenience center that accepts paper, plastic, cardboard, metal, aluminum, batteries, used motor oil, oil filters, and antifreeze.
22. The facility installed a glass crusher which is used to crush glass bottles. The crushed glass will be used as maintenance material on-site. Approval of the glass crusher was granted by the SWS in a letter dated June 8, 2009.
23. The facility is permitted for a Treatment & Processing (T&P) Facility. The facility is stockpiling material, including wooden pallets, to be ground into mulch. The facility will grind material two or three times a year and use the mulch for site maintenance.
24. The facility is permitted for a Type 1 Compost Unit. The facility does not currently operate the compost unit. Although, if the facility accepts leaves it is required to operate the Type 1 Compost Unit.
25. Wastes received and product stored shall be maintained in reasonably sized piles with adequate fire breaks and lanes.
26. When the permit is renewed or modified an Operational Condition for White Goods should be added.

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

  
 John Patrone  
 Environmental Senior Specialist  
 Regional Representative

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

Delivered on : <u>December 1, 2009</u> by		Hand delivery	<input checked="" type="checkbox"/>	US Mail		Certified No. <input type="checkbox"/>
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cc: Mark Poindexter, Field Operations Branch Supervisor  
 Jason Watkins, Central Regional Supervisor  
 Donald Herndon, Compliance Officer