NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

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	X	LCID		YW		Transfer		Compost		SLAS	
Closed MSWLF		HHW		White goods	X	Incin		T&P		FIRM	
CDLF		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

COUNTY: Wilkes
PERMIT NO.: 97-04
FILE TYPE: COMPLIANCE

Date of Audit: 11-6-07 Date of Last Audit: 8-28-07

GPS COORDINATES: (Decimal Degrees) N: 36.20761 **W**: 80.98981

FACILITY NAME AND ADDRESS:
Wilkes County MSWLF
NC Highway 268 East
Roaring River, NC 28669

FACILITY CONTACT NAME AND PHONE NUMBER:
Thomas D. Livingston, Director-Solid Waste
(336) 696-3867

FACILITY CONTACT ADDRESS (IF DIFFERENT):
Department of Solid Waste
P.O. Box 389
9219 Elkin Highway
Roaring River, NC 28669

AUDIT PARTICIPANTS:
Jason Watkins, NCDENR-Solid Waste Section
Tommy Livingston, Director
Melissa White, Office Manager
Linda Southen
Rodney Caudiall
Tom Price

STATUS OF PERMIT:
Permit to Operate Phase II was up for review on April 20, 2005
Permit to construct Phase III was issued on June 17, 2005
Permit to Operate Phase III was issued June 30, 2006

PURPOSE OF AUDIT:
Follow-up Audit

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

1. 15A NCAC 13B .1626(7)(b) states "Adequate sediment control measures (structures or devices), shall be utilized to prevent excessive on-site erosion."

The berm along the lower side of Phase 3 had breached during a recent rain event and allowed waste material to migrate via storm water and sediment into a sediment basin outside of the current liner system. Trash mixed with soil is approximately 4-6" inches deep in half of the basin.

2. 15A NCAC 13B .1626(8)(d) states "Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to the discharge of leachate to surface waters."

Due to the waste materials leaving the lined area and entering the sediment basin, the storm water is then considered leachate. Recent rains have potentially activated the riser system in the basin, thus allowing leachate to be discharged off-site.

Corrective actions should be taken immediately to repair the failed section of the berm and remove all waste from the sediment basin and return it to the working face. Any remaining water in the sediment basin must be pumped into the leachate pond. Additional action, including sampling may be required.

3. 15A NCAC 13B .1107(2)(c) states "Whole and sliced scrap tires, and other scrap tires capable of holding water shall be covered upon receipt with a water shedding material or disposed of, processed or removed from the site within ten days of receipt."

According to facility staff, the grinding of tires stopped in late July or Early August because a contract had not been agreed upon between the county and the contractor. There were 3 trailers full of tires and approximately 10-12 trailer loads of tires being stockpiled on the ground. Corrective actions should be taken within 10 days to address this matter by either removing or processing of these tires.

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):

1. 15A NCAC 13B .1626(11)(c) states "Appropriate methods such as fencing and diking shall be provided within the area to confine solid waste subject to be blown by the wind. At the conclusion of each day of operation, all windblown material resulting from the operation shall be collected and returned to the area by the owner or operator."

There were no signs of any type of new fencing on site during the inspection. Small quantities of wind blown waste were on the slope of phase 2 and outside the boundary of phase 3.

2. 15A NCAC 13B .1626(2)(a) states that "the owners or operators of all MSWLF units must cover disposed solid waste with six inches of earthen material at the end of each operating day, or at more frequent intervals if necessary, to control disease vectors, fires, odors, blowing litter, and scavenging."

Operations are shifting back and forth from phase 2 to phase 3. The cover in both locations is less than adequate and areas are not being covered daily. There is uncovered waste in phase 2, which according to staff has not been active in about 2 weeks. Areas in phase 3 that are not the active working face have little to no cover in place.

AREAS OF CONCERN AND COMMENTS:

1. Wilkes County MSW Landfill is permitted to accept waste from Wilkes County only.
2. Current disposal operations are occurring in Phase 2 to fill remaining air space as well as Phase 3.
3. The certified personnel at this facility are:

   Tommy Livingston – MOLO – expires 2008
   Phil Greene – Landfill Ops Spec – expires August 2010
   Randy Johnson - Landfill Ops Spec – expires February 2009
   Olen Nester – Landfill Ops Spec – expires February 2009

4. The on-site convenience center, as well as the white goods area, was clean and well maintained.
5. All tire certification record and waste screening records were well kept.
6. All groundwater monitoring wells have been properly tagged and locked.
7. Throughout the site, there are minor sediment and erosion control items that need to be addressed. They include maintenance of sediment ponds, repair of silt fence, and the providing of permanent groundcover of all slopes and other areas that are not part of the daily activities of the landfill.
8. The leachate pond remains about half full. According to Mr. Livingston, a contract has been agreed upon to pump down the pond and flush and camera test the leachate lines. Work should begin within the next few weeks.
9. A revised operations plan has not been submitted. Mr. Livingston had a draft permit but said he couldn't finalize it until the issues with the tires were addressed.

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

_____(signature) Phone: 336-771-5092
Jason M. Watkins
Regional Representative

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

Delivered on : 11-14-07 by		hand delivery	X	US Mail	X	Certified No. 7007 0220 0004 0732 6424

cc: Deb Aja, Western Region Supervisor
Mark Poindexter, Field Operations Supervisor
Pam Moore,
Gary Page, County Manager