



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

Date of Audit: 6-11-07

Date of Last Audit: 4-17-07

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- Wilkes County Solid Waste
 Melissa White, Office Manager

STATUS OF PERMIT:

Permit to Operate Phase II expired 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:

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.

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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.”

As discussed on site, this facility must develop and implement a plan, whether it consists of a single fence or multiple fences, change in operational strategies, etc. to prevent further episodes of the amount of windblown material that had occurred prior to and was occurring during the audit.

It is essential that as much material as physically and/or mechanically possible be collected and returned to the working face for disposal.

Facility has budgeted funds for portable fencing. Funding will be available after July 1.

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.”

Cover on the top of phase 2 and on the slope leading into phase 3 was much better. The daily cover in phase 3 is better but needs work. At no time, should waste be visible except on the working face for that particular day.

The entire phase 3 has been floored in with waste and activity has shifted back into phase 2. Staff was moving dirt to phase 3 for intermediate cover since disposal activities will last through the fall in attempt to complete phase 2 and allow closure of that phase.

3. 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.”

Material that has been caught in trees has not been retrieved.

AREAS OF CONCERN AND COMMENTS:

1. Wilkes County MSW Landfill is permitted to accept waste from Wilkes County only.
2. The facility averages around 175-200 tons of waste per day.
3. The entire Phase 3 has been floored in with waste and activity has shifted back into Phase 2. Staff was moving dirt to Phase 3 for intermediate cover since disposal activities will last through the fall in attempt to complete Phase 2 and allow closure of that phase.
4. The certified personnel at this facility are:
 - Tommy Livingston – MOLO – expires 2008**
 - Phil Greene – Landfill Ops Spec – expires August 2007**
 - Randy Johnson - Landfill Ops Spec – expires February 2009**
 - Olen Nester – Landfill Ops Spec – expires February 2009**
5. The on-site convenience center, as well as the tire and white goods area, was clean and well

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maintained.

6. There were two Community Service workers on-site picking up windblown litter during the inspection. All bags where collected material has been placed need to be taken to the working face for disposal.
7. Groundwater monitoring well # 5, 7, 8, 10, and both wells labeled 12 were not properly tagged and labeled. Well # 8 was not locked.
8. Ensure that all scrap tire certification forms are properly completed. Several of those reviewed lacked signatures. Waste screening reports looked good.
9. Facility should consider moving to a full concrete pad in the white goods area to cut down on cost of maintenance of gravel area due to heavy equipment usage.
10. 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.
11. Facility is grinding tires for disposal as a cost cutting measure. This activity does not necessarily require a treatment and processing permit, but it should be included, both in written and map form, in the revised Operations plan.
12. The grinding of pallets and other wood waste as discussed to meet the requirements of the future ban on pallets in MSW landfills will require a treatment and processing permit. This should be requested along with the submittal of the revised Operations plan.
13. According to Mr. Livingston, Joyce Engineering is preparing a revised Operations Plan for the landfill to include all of the items addressed in the previous audit.
14. After the beginning of the new budget year (July 1), funding will be available to address all issues noted in the last audit report including re-labeling and locking of all wells, leachate management changes, grinding operations, and portable fencing.
15. The leachate pond is being pumped down and barring any heavy rain events should be emptied or below the outlet of the pipe (coming from landfill) within the next several weeks. At that time, plans are to flush the leachate lines in Phases 1 and 2 to determine if any clogs are present. There is a possibility in the future, the leachate pond will be closed and/or removed and a tank system will be installed. Facility staff believes the levels of leachate are not high and that the majority of the water in the pond is storm water. The cost to treat this water/leachate is manageable but is becoming too much of an expense when other options exist.

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 : <u>6-12-07</u> by		hand delivery	X	US Mail		Certified No.
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cc: Deb Aja, Western Region Supervisor
Mark Poindexter, Field Operations Supervisor