



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID	X	YW		Transfer		Compost		SLAS		COUNTY: Forsyth PERMIT NO.: N0532 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: September 22, 2010**Date of Last Audit:** November 6, 2008**FACILITY NAME AND ADDRESS:**

Mankins LCID Landfill
 5421 Pine Hall Road
 Walnut Cove, NC 27052

GPS COORDINATES: **N:** 36.21413 **E:** -80.13074**FACILITY CONTACT NAME AND PHONE NUMBER:**

Robert L. Mankins, Property Owner
 c. 336-745-9011

Robert O. Mankins, Operator
 c. 336-260-0421
 h. 336-595-8787

FACILITY CONTACT ADDRESS:

Robert L. Mankins
 5421 Pine Hall Road
 Walnut Cove, NC 27052

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)
 Robert L. Mankins, Property Owner
 Aubrie Welch, Forsyth County - Env. Health Specialist

STATUS OF PERMIT:

Land Clearing and Inert Debris Landfill Notification application recorded with the Forsyth County Register of Deeds April 25, 2001.

Land Clearing and Inert Debris Landfill Notification approval letter dated May 4, 2001 issued by the SWS to Robert L. Mankins

Current Status of Land Clearing and Inert Debris Landfill Notification is OPEN

PURPOSE OF AUDIT:

Comprehensive Audit (to ensure that the notified Land Clearing and Inert Debris (LCID) Landfill is in compliance with 15A North Carolina Administrative Code (NCAC) 13B .0563, .0564, and .0566)

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 5

NOTICE OF VIOLATION:

1. 15A NCAC 13B .0566(3), “Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.”

Material is spread-out atop the LCID landfill in numerous piles and along the rear side slope of the landfill.

Corrective action: condense LCID into a workable manageable area by November 15, 2010.

2. 15A NCAC 13B .0566(4), “Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first.”

A large volume of uncovered material is spread-out atop the LCID landfill and along the rear side slope. It appears that material has not been covered with soil in over thirty (30) days.

Corrective action: apply adequate soil cover to completely cover all of the LCID material by November 15, 2010.

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.

STATUS OF PAST NOTED VIOLATION(S):

- 15A NCAC 13B .0566(2), “The facility shall only accept those solid wastes which it is permitted to receive.” November 6, 2008 NOV resolved. Unpermitted material removed and disposal receipts submitted to SWS.
- 15A NCAC 13B .0566(4), “Adequate soil cover shall be applied monthly, or when the active area reaches an acre in size, whichever occurs first.” November 6, 2008 NOV resolved. Mr. Mankins was informed that material must be covered with soil monthly such that a 3:1 slope ratio is obtained or a ratio of which no indication of erosion or runoff is observed.
- 15A NCAC 13B .0566(9), “Access roads shall be of all-weather construction and properly maintained.” November 6, 2008 NOV resolved. The access road is a combination of tar, gravel, and soil mixed with quarry dust.
- 15A NCAC 13B .0566(2), “The facility shall only accept those solid wastes which it is permitted to receive.” November 19, 2001 NOV resolved. SWS verified un-permitted material removed.

AREAS OF CONCERN AND COMMENTS:

On September 22, 2010, John Patrone and Aubrie Welch met with Robert L. Mankins to conduct a comprehensive audit of the Mankins LCID Landfill located on Pine Hall Road in Walnut Cove, Forsyth County.

1. The LCID landfill footprint is estimated to be greater than one acre.
2. The landowner must ensure that the LCID landfill is located on a single parcel of land to include required setbacks. 15A NCAC 13B .0564(9)(b), requires a minimum buffer of 100 feet from the disposal area to property lines, residential dwellings, commercial or public buildings, and wells.
3. It appears that a (gray colored) storage building is within the buffer area. If so, the storage building must be relocated or LCID material removed such that the requirements of 15A NCAC 13B .0564(9)(b) are met.
4. Edge of waste markers shall be installed which depict the footprint of the LCID landfill.
5. Markers depicting the 100 foot buffer area shall be installed.
6. The area where LCID material is deposited must be limited to the smallest area feasible.
7. All LCID material, including side slopes, must be adequately (completely) covered with soil on a monthly basis.
8. The rear side slope should be graded and covered with soil such that a 3:1 slope ratio is obtained or a ratio of which no indication of erosion or runoff is observed.
9. Incidental unpermitted waste must be removed from the landfill and hauled to an approved solid waste disposal facility.
10. Remove uncovered debris along the side slope adjacent to the storage building.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 5

11. Corrective action must be completed by November 15, 2010. This office will conduct an update audit of the landfill.
12. The access road is of all-weather construction.
13. The facility has proper signage. Ensure that contact information is updated as necessary.
14. The facility is secured by a locked gate. Ensure that facility personnel are on site when the landfill is open.
15. A copy of the Land Clearing and Inert Debris Landfill Notification is included with this audit report.
16. A copy of the rules pertaining to notified LCID landfills is included with this audit report.
17. A copy of this audit report and enclosures will be mailed to Robert O. Mankins: 5430 Pine Hall Road, Walnut Cove, NC 27052.

Mankins LCID Landfill (N0532)
Digital Pictures taken by John Patrone, WSRO – SWS
September 22, 2010

Front view – far left, material atop landfill area



Far left side of landfill, material along side slope



Front view (zoom) – left, material atop landfill area



Far right side of landfill, material along side slope



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 5

Right side of landfill, material along side slope



Left side of landfill, material along side slope



Front view – left, material atop landfill area



Front view (zoom) – far left, material atop landfill



Left side of landfill area, storage shed and material



Left side - overview, material atop landfill



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 5 of 5

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

enclosures

Delivered on : <u>September 27, 2010</u> by		Hand delivery/email	X	US Mail		Certified No. <u>7009 2250 0004 1084</u> <u>4598</u>
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cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central Regional Supervisor
Donald Herndon, Compliance Officer
Minor Barnette, Forsyth County, Env. Health Supervisor
Robert O. Mankins, Operator