



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:										
Lined MSWLF		LCID	X	YW	X	Transfer		Compost	SLAS	COUNTY: Harnett PERMIT NO.: 43-02 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods	X	Incin		T&P	FIRM	
CDFL	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO	SDTF	

Date of Audit: January 20, 2011

Date of Last Audit: April 22, 2009

GPS COORDINATES: N: 35.36564 W: 78.64981

FACILITY NAME AND ADDRESS:

Harnett/Dunn-Erwin C&D Landfill
 449 Daniels Road
 Dunn, NC 28334

FACILITY CONTACT NAME AND PHONE NUMBER:

Randy Smith
 (910)897-3222

FACILITY CONTACT ADDRESS:

Mr. Jerry Blanchard
 Harnett County General Services Manager
 PO Box 940
 Lillington, NC 27546

AUDIT PARTICIPANTS:

Drew Hammonds, NCDENR - Solid Waste Section
 Randy Smith, Landfill Operations Specialist

STATUS OF PERMIT:

Approval of Transition Plan – January 22, 1996
 Closure of Landfill units Phase I and II – March 19, 1996
 Approval of Borrow Location #2 – May 8, 1998
 MSWLF Facility Transition Plan Modification #3 – June 30, 1998
 MSWLF Facility Transition Plan Modification #4 – March 3, 1999
 To be reviewed by February 3, 2003, extension of permit requested August 14, 2003
 PTO expired July 1, 2008, extension of permit requested June 26, 2008 (under review)

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:

NA

AREAS OF CONCERN AND COMMENTS:

C&DLF

1. The Service Area for this facility is Harnett County.
2. The hours of operation are 7:30am – 4:30pm Monday thru Saturday except close at 12:00pm Wednesday.
3. The sign at the entrance should have the WTS permit number and an emergency contact number listed.
4. The landfill is receiving approximately 40 – 50 tons per day.
5. The most current copies of the updated operations plans, financial assurance document, ground water monitoring records, maps, the current approved permit (or documents of submittal) and training records should be on site and readily available for inspection per 15A NCAC .0542 (n). I recommend a more centralized method of collecting and storing the data to reduce the amount of time and effort to present it for inspection. I recommend that you contact the permitting branch as to the status of your permit.
6. The leachate collection system has been installed. Leachate is being pumped daily by Temple Backhoe and Septic Tank Service and hauled to the town of Lillington's WWTP for disposal. Leachate wells should have covers to prevent introduction of contaminants as well as for safety reasons.
7. The facility personnel are conducting daily inspections of the facility per the comprehensive inspections plan.
8. Groundwater monitoring is being conducted semi-annually. Methane monitoring is being conducted quarterly by site staff. On-site structures should be monitored per 15A NCAC 13B .0544 (d). The most current records should be onsite for inspection.
9. C&DLF units must restrict solid waste into the smallest area feasible. The working face was extended from the top of the LF to the perimeter berm. Solid waste must be compacted as densely as practical into cells. I recommend that you devise a method to ensure that the working face does not exceed the ½ acre limit.
10. Notation of date and time of placement of cover material should be recorded per .0542 (n) (1) (F). Records were not reviewed during this audit.
11. The waste type was reviewed and is according to permit.
12. Waste screenings are being performed twice weekly.
13. Freon removed from white goods by contractor. Retain copies of records of Freon removal. Recommend that you look into grant money for concrete pad to better manage this area.
14. Tires are being removed as they are noticed and placed in the tire area for proper disposal.
15. Windblown waste must be collected and returned to the working face prior to close of business daily. I would strongly recommend that litter fencing be placed to assist with proper management and daily personnel used to maintain compliance with the North Carolina Administrative Code.
16. The Certified Landfill Operators are as follows:
 - Randall W. Smith**, expires August 26, 2011
 - Curtis R. Nichols**, expires April 14, 2012
 - Richard James**, expires August 26, 2011
 - David Syck**, expires October 19, 2013

I recommend reviewing the expiration dates annually so that personnel can plan ahead to attend classes before the certifications expire.

LCID Landfill

17. The yard waste area needs to be managed per the .1400 rules, temperatures recorded showing the necessary pathogen reduction prior to use on the landfill. The waste is currently being stockpiled for grinding.
18. The area should also be noted on the facility maps. **Corrective actions need to continue.**
19. The LCID landfill working face was small and manageable.
20. The LCID landfill boundaries need to be marked with visible permanent stakes so that the landfill footprint is readily identifiable for Landfill Staff and the Waste Management Specialist inspecting the landfill.
21. The cover looked good on the LCID LF.
22. The side slopes of the LCID are to be maintained at 3:1.

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23. Previously graded areas need to be provided with a ground cover sufficient to restrain erosion.

Closed MSWLF

24. The Closed MSW Landfill was in good shape with a nice vegetative cover with minimal sparse spots.

25. Continue to inspect weekly and repair any areas that may begin to erode or areas where settling has occurred and may impound water over waste.

26. The asbestos disposal area was inspected.

27. Site staff has been removing any trees they observe growing over waste.

28. Please install a cover on any open top wells associated with the leachate collection system.

29. **Corrective actions are necessary as a result of the findings of this audit and should begin immediately.**

Digital photos were taken during the audit.



LCID LF facing E.



White goods and scrap metal storage area.



Top of C&D working face/side slope. Facing E.



Top of C&D working face/side slope. Facing SE.

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Leachate system collection well. NE corner of C&D.



Top of C&D adjacent to working face.



Closed demo LF.



Asbestos disposal area.

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

Drew Hammonds

Drew Hammonds
 Environmental Senior Specialist
 Solid Waste Section
Regional Representative

Phone: (910)-433-3351

Delivered on: <u>February 21, 2011</u> by:	Hand delivery	<input checked="" type="checkbox"/>	E Mail	Certified No.
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Cc: Dennis Shackelford, Eastern District Supervisor
Donald Herndon, Compliance Officer
Ed Mussler, Permitting Branch Head
Geof Little, Permitting Branch Engineer
Jerry Blanchard, Harnett County General Services Manager