



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID	X	YW	X	Transfer		Compost	X	SLAS	COUNTY: Cumberland PERMIT NO.: 26-08 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: January 25, 2011.

Date of Last Audit: January 29, 2009

FACILITY NAME AND ADDRESS:

Fort Bragg Construction and Demolition Landfill
 Lamont Road

GPS COORDINATES: N: 35.1438 E: -79.07399

FACILITY CONTACT NAME AND PHONE NUMBER:

Sid Williamson
 910-396-3372

FACILITY CONTACT ADDRESS:

Department of the Army
 Public Works Business Center
 IMSE-BRG-PW, Mr. Gregory G. Bean
 HQ, US Army Garrison, Fort Bragg
 Installation Management Agency Command
 Fort Bragg, NC 28310

AUDIT PARTICIPANTS:

Drew Hammonds, NCDENR – Solid Waste Section
 Dennis Shackelford, NCDENR – Solid Waste Section
 Audrey Oxendine, Ft. Bragg Compliance Branch Chief
 Sid Williamson, Ft. Bragg Solid Waste Manager
 Dan Messier, Ft. Bragg Transfer Station Manager
 Rick Akers, Roads and Equipment Branch Supervisor
 Jeff Sloop, Ft. Bragg Compliance Branch

STATUS OF PERMIT:

Permit issued January 27, 1998, Permit amended June 7, 1999, Permit to Operate Phase 1 issued November 9, 1999
 Permit to Operate Phase 1 issued June 27, 2002
 Permit to Operate Phase 1 & Construct Phase 2 issued July 13, 2007, Up for review July 13, 2012

PURPOSE OF AUDIT: Comprehensive Audit

NOTICE OF VIOLATION(S): 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:

C&DLF

1. The permit and operations plans were reviewed. The information was complete and presented in an orderly manner. Be sure to submit the necessary permit renewal documentation to the permitting branch as prescribed in the current permit.
2. The service area for the facility is Fort Bragg only. Contact the permitting branch to modify the service area if you are receiving waste into the C&DLF from off-site.
3. The hours of operation are 7:30am to 3:00pm Monday thru Friday
4. The contingency plan was reviewed and was up to date and complete.
5. Still accepting waste in Phase I and working on Phase II.
6. The C&D Landfill is receiving approximately 400 tons per day.
7. The edge of waste markers has been installed at the LF.
8. Waste observed at the time of the audit was correct.
9. The waste screening records were reviewed. Screening minimum of one load per day. Identified unacceptable waste is being removed. Show final disposition of removed wastes on screening form.
10. Groundwater monitoring is being done semi-annually as required.
11. The windblown was being managed properly at the time of this audit.
12. The working face was small, compact and being managed well.
13. There were some minor rills occurring along the Northern portion of the landfill adjacent to the haul road that needs to be corrected.
14. A seep was observed on the West side of the closed out portion of the C&DLF adjacent to the road that had not migrated beyond the EOWM's. The facility staff stated the seep would be repaired before end of the day.
15. A Cover Material Log noting date and time of placement is kept in accordance with 15A NCAC 13B .0542 (n) (1) (F).
16. Areas which will not have additional wastes placed on them for three months or more, but where final termination of disposal operations has not occurred, must be covered and stabilized with vegetative ground cover or other stabilizing material. The inactive area of the C&DLF should be stabilized.
17. The cover and slopes in phase I were being well maintained at the time of the audit.
18. Beneficial fill was being used to construct the new haul road for Phase II. Beneficial fill cannot be place in water. Remove all beneficial fill material out of the water. Separation of beneficial fill and water must be maintained.
19. The trained personnel are as follows:
 - Daniel Messier**, Certified C&D Landfill Manager, expires October 17, 2013
 - Paul Knies**, Certified Landfill Operator, expires September 21, 2012
 - Alvin Molden**, Certified Landfill Operator, expires May 16, 2012
 - Rick Akers**, Certified C&D Landfill Manager, expires October 17, 2013

Yard Waste Area

20. Conditional authorization for a Type 3 Composting Demonstration Project was issued to Fort Bragg on January 28, 2010 by the Division. Bragg staff indicated during this audit that they were discontinuing this demonstration at this time.
21. The source separated clean wood and yard waste is being ground into mulch to be used on Fort Bragg. Due to the volume of mulch Fort Bragg may look into the boiler fuel markets for overburden if necessary in the future.
22. Yard trash will continue to be composted and temperatures recorded as required.

Concrete Crushing Area

23. Unacceptable or incidental waste must be removed from the concrete and yard waste areas as soon as they are noted and disposed of properly.
24. Continue to inspect the side slopes of the closed LCID/YW and recycling area for erosion.
25. Remove items that are not to be recycled or used in the recycling process from this area.

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- 26. Ensure that signs located at the site entrance are in accordance with rule 15A NCAC 13B .0542 (j). Recommend that an emergency POC phone number be listed as well.
- 27. Corrective measures are necessary as a result of this audit.
- 28. C&DLF and Recycling areas were being managed well at the time of this audit. Good job.

Digital photos were taken during this audit.



C&D working face from haul road.



Top of C&DLF.



Top of C&DLF W side slope.



C&DLF working face W side slope.

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Construction of haul road for Phase II.



Grinder YW area.



Concrete to be crushed.



Mulch windrow. YW area.

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

Drew Hammonds
 Environmental Senior Specialist
 Solid Waste Section
 Regional Representative

Phone: 910-433-3351.

Delivered on : <u>March 1, 2011</u> by	hand delivery	X	E Mail	Certified No.
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Cc: Dennis Shackelford, Eastern District Supervisor
Donald Herndon, Compliance Officer
Audrey Oxendine, Ft. Bragg Compliance Branch Chief
Sid Williamson, Ft. Bragg Solid Waste / Recycling Manager