



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW	X	Transfer		Compost		SLAS	COUNTY: Harnett PERMIT NO.: 43-03 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM	
CDFL	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: January 20, 2011

Date of Last Audit: April 22, 2009

GPS COORDINATES: N: 35.29282 W: 78.99532

FACILITY NAME AND ADDRESS:

Anderson Creek C&D Landfill
 1086 Poplar Drive
 Spring Lake, NC 28390

FACILITY CONTACT NAME AND PHONE NUMBER:

Andrew Holland
 (910)893-5626

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
 Andrew Holland, Harnett County Solid Waste
 Ladonna Ward, Harnett County Solid Waste

STATUS OF PERMIT:

Closure of Anderson Creek Sanitary Landfill – March 19, 1996
 Permit to operate C & D unit issued - April 17, 1997
 Modified Permit to Operate issued January 13, 2005
 Modified Permit to Operate issued January 5, 2007, expired July 2008
 Permit is expired, current application being reviewed.

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:

1. The Service Area for this facility is Harnett County.
2. The hours of operation are 7:30am – 4:30pm Monday thru Saturday except for closing at 12:00pm on Wednesday.
3. The most current copies of the financial assurance, ground water monitoring records, maps, the current permit (or documents of submittal), operations plan, contingency plans, cover logs and current training records should be on site and readily available for inspection. Some of the records were maintained on site and available for the inspection. I recommend a more centralized method of collecting and storing the data required per 15A NCAC .0542 (n). I recommend that you contact the permitting branch on the permit status.
4. The sign at the entrance has the permit numbers and emergency contact information as required.
5. C&DLF units must restrict solid waste into the smallest area feasible and solid waste compacted as densely practical into cells. The waste was extending from the top of the LF to the perimeter berm at the toe of the slope. I recommend that you devise a method to determine when the working face is at or near the ½ acre limit.
6. Notation of date and time of placement of cover material should be recorded per .0542 (n) (1) (F) as part of the operating record.
7. Several rills were observed with exposed waste on the side slopes at the time of this audit that needs to be repaired and maintained. The efforts to establish ground cover sufficient to restrain erosion need to continue.
8. Remove any trees growing on top of waste.
9. Adequate sediment control measures consisting of vegetative cover, materials, structures or devices must be utilized to prevent excessive on-site erosion of the C&DLF facility or unit.
10. 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.
11. There were some settled areas on top of the C&DLF that have the potential to allow water to impound over waste. The LF should be graded to allow for positive drainage of water off the LF.
12. The waste type was reviewed at the working face.
13. Recommend that an operator is present at the working face during operational hours.
14. Windblown waste must be collected and returned to the working face prior to close of business daily. It is strongly recommended that litter fencing be placed for better management of this unit.
15. A landfill gas monitoring plan must be developed and submitted to the Division for approval to be included in the facility operating plan in accordance with 15A NCAC 13B .0544 d. Ensure that the LF gas monitoring plan has been developed and submitted to the Division for approval.
16. Tires are being removed as they are noticed and placed in the tire area for proper disposal.
17. The employees trained in Landfill Operations are:
 - Andrew Holland**, expires August 26, 2011
 - James Haney**, expires April 14, 2012
 - Larry Thomas**, expires April 14, 2012
18. The sedimentation basins were reviewed and are in need of maintenance. The sedimentation basins should be cleaned out and returned to plan dimensions. **Work needs to continue on these areas.**
19. The county is separating pallets and clean wood for grinding adjacent to the yard waste area. Unacceptable garbage, plastic, metal, particle board and drywall were observed mixed in with the YW and pallets. Incidental and unacceptable waste should be removed from the Yard Waste area prior to close of business each day.
20. Yard trash is defined as “solid waste resulting from landscaping and yard maintenance such as brush, grass, tree limbs, and similar vegetative material”. The facility should be composting yard trash in accordance with the .1400 rules.
21. The facility is collecting asphalt shingles on a concrete pad adjacent to the scrap tire area. Contact the permitting branch to ensure that this activity has been included in the updated operations plan for approval.
22. I recommend that routine comprehensive inspections are conducted at this facility to ensure compliance with the rules, permit and operations plan.

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Closed MSWLF

23. The MSWLF closed in 1996.
24. The leachate is being pumped from the newly installed collection system at the C&DLF and closed MSWLF by Temple's Backhoe & Septic Tank and hauled to the Lillington WWTP for disposal.
25. Copies of the GW monitoring reports should be maintained on site for inspection. The semi-annual GW sampling reports were provided to the compliance branch Hydro.
26. The permanent edge of waste markers was in place at the time of this audit.
27. There is good vegetation established with minimal bare areas observed during the audit.
28. Some settling has occurred on the LF cap that should be corrected to allow for positive drainage of surface water.
29. Problems identified during routine inspections should be addressed as soon as practical after detection to reduce or eliminate potential compliance issues.
30. The opened well casings for the leachate collection system must be capped. The large opening is a safety hazard and potential conduit for additional contaminants to be introduced into the site.
31. Storage of concrete and cans should not take place on the LF cap. Remove full cans of tires and concrete barriers off the LF cap.
32. **Corrective actions are necessary at this facility.**

Digital photos were taken during this audit.



C&D Waste top of LF to perimeter berm. N side.



Exposed waste, rills. N side slope.



N side slope facing S.



N side slope facing E.

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Yard waste pallet area. Unacceptable waste.



Yard waste area unacceptable waste.



Asphalt shingle collection site.



Asphalt shingle collection site.



Leachate collection system truck pump area CMSWLF.



Open top of well at CMSWLF.

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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>February 18, 2011</u> by:		Hand delivery	X	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