NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

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	X	LCID		YW		Transfer		Compost		SLAS	
Closed MSWLF		HHW		White goods	X	Incin		T&P	X	FIRM	
CDLF	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

COUNTY: Lincoln
PERMIT NO.: 55-03
FILE TYPE: COMPLIANCE

Date of Audit: December 5, 2007. Date of Last Audit: June 27, 2007

FACILITY NAME AND ADDRESS:
Lincoln County Landfill
5291 Crouse Road
Crouse, North Carolina 28033

GPS COORDINATES: (Decimal Degrees) N: 35.42288 **E:** 81.35695

FACILITY CONTACT NAME AND PHONE NUMBER:
Nancy C. Rickard, Deputy Director of Solid Waste
(704) 732-9030

FACILITY CONTACT ADDRESS (IF DIFFERENT):
N/A

AUDIT PARTICIPANTS:
Charles Gerstell-DENR, Solid Waste Section
Nancy Rickard, Lincoln County
Mark Bivens, Lincoln County
Frank Finger, Lincoln County

STATUS OF PERMIT:
A permit to Operate A Municipal Solid Waste Landfill Facility, Phases I, II, and III and C&D Unit Phase IIA was issued on September 11, 2006. This permit shall be reviewed on September 11, 2011.

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 $15,000 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.

STATUS OF PAST NOTED VIOLATIONS (List all noted last audit):
15A North Carolina Administrative Code 13B .1626(6)(i) states: Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein, except fiber drums containing asbestos.

No barrels or drums w/ insufficient perforations were observed within the waste stream. Therefore, this violation is considered corrected and resolved.

AREAS OF CONCERN AND COMMENTS:

1.) The permit and operations plan were reviewed and are available for inspection.

2.) The facility is currently accepting approximately 138 tons per day of MSW and 27 tons per day of C&D waste.

3.) The scrap tire area was observed and was well managed.

4.) The white goods area was observed and was well managed.

5.) Scrap metal area was observed and was well managed.
   a. White goods containing Freon are being separated from other metals until the gas is removed.

6.) The yard waste area was observed. The approved operations plan shows under section 3.1, "Yard Waste Generation and Acceptance", that material accepted at the yard waste area consists of uncontaminated tree limbs, brush, grass clippings, and leaves. The operations plan also shows under section 3.2, "Yard Waste Disposal", that mulch generated from the yard waste is delivered to schools located within Lincoln County for playground use upon request. The plan also shows that excess mulch is given away to the general public in the spring and fall of each year by the landfill. Brush, tree limbs, grass clippings, and leaves are considered yard trash. Simply mulching of this material is unacceptable due to the potential existence of pathogens. Therefore, yard trash must be composted and the facility must follow all operational guidelines for Solid Waste Compost Facilities under section .1400 of North Carolina Administrative Code 13B. The facility must modify the permit to accept and process yard trash. This modification must include the submittal of a revised Operations Plan to the Division for approval detailing the proper treatment and disposal this waste. All appropriate fees must be submitted for this permit modification. The facility must discontinue acceptance and distribution of yard waste until a permit modification is issued.

7.) Operations of the municipal landfill unit were observed:
   a. The working face was small and compact.
   b. Be sure that all windblown waste is collected and returned to the working face at the conclusion of each day of operation. Additional attention must be given to windblown waste.
   c. No unacceptable waste streams were observed.
   d. Be sure to adequately cover all waste with 6-inches of soil cover. Additional soil should be provided to inactive areas east of the working face.

8.) Operations of the construction and demolition unit were observed:
   a. Working face was under ½ acre in size.
   b. Windblown material was minimal surrounding the C&D unit at the time of inspection.
   c. Some waste material was noted at the toe of the fill slopes located on the northern portion of the C&D unit. This material must be collected and returned to the active face.

9.) All roadways were well maintained.

10.) The two leachate tanks were reviewed and were being managed properly at the time of inspection. Leachate is pumped and hauled to the Waste Water Treatment Plant. Leachate levels in the tanks were observed to be 15.3-feet and 21.9-feet.

11.) The leachate basin has been removed. The embankment has been backfilled and re-graded to the surrounding topography. Closure of the basin will not be considered complete until all supporting documentation has been submitted to Larry Frost, Regional Engineer, and closure approval has been given by the Division. Please refer to the letter dated July 16, 2007 (Plan Approval, Leachate Closure Plan) issued by Larry Frost, Regional Engineer to Nancy Rickard, for all required documentation.

12.) The waste screening forms were reviewed and appeared that they are being performed on a minimum of 1% of the waste stream.

13.) Water-quality records were reviewed and were being performed semi-annually.

14.) Leachate sampling was being conducted semi-annually.

15.) Landfill gas monitoring was being performed quarterly as required.

16.) Tire certification forms were reviewed. Please ensure that all documents are properly signed and all numbers filled out in the proper areas.

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

Charles T. Gerstell (Signature) Phone: (704) 663-1699.
Charles T. Gerstell
Regional Representative

Distribution: original signed copy to facility -- e-mail to compliance officer – e-mail or copy to super

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