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		LCID		YW		Transfer		Compost		SLAS		COUNTY: Lincoln
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		PERMIT NO.: 55-04
CDLF	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: May 21, 2008. Date of Last Audit: August 1, 2006

FACILITY NAME AND ADDRESS:
BFI –Lake Norman Landfill
7099 Quarry Lane
Stanley, North Carolina 28164

GPS COORDINATES: (Decimal Degrees) N: 35.43310 **W:** 081.01368

FACILITY CONTACT NAME AND PHONE NUMBER:
Jeffrey Geiss, Site Manager (704) 822-3033

FACILITY CONTACT ADDRESS (IF DIFFERENT):
Same

AUDIT PARTICIPANTS:
Charles Gerstell, NCDENR-Solid Waste Section
Chris Marriott, NCDENR-Solid Waste Section
Jeff Geiss, Site Manager

STATUS OF PERMIT:
A Permit to Operate the Lake Norman Landfill Facility Cell 2B was issued on June 28, 2007. This permit shall be reviewed on November 1, 2010, five years from the issuance date of the Permit to Operate Cells 1A, 1B and 2A, dated October 12, 2005

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):
N/A

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AREAS OF CONCERN AND COMMENTS:

1. Reviewed the permit and Operations Plan. The documents were current and available for review.
2. The facility is currently accepting approximately 214 tons of C&D waste per operating day.
3. Waste screening forms were reviewed and appear to be performed on a minimum of 1% of the waste stream.
4. Landfill gas monitoring is being performed in accordance with the Approved Operations Plan. This monitoring is currently being performed quarterly. A review of these records found that the sampling points shown as GP1 – GP6 do not correspond to the sampling points shown as MMW1 – MMW6 on the original plans dated February 18, 1998. Please be sure that these records correspond to the original plans to ensure a proper review.
5. Groundwater sampling records were reviewed and are being performed semi-annually as required.

Inspection of Operations of the CDLF

6. Waste is currently being accepted into cell 2B.
7. The working face was well managed and less than one-half acre in size at the time of inspection.
8. Two tires were removed from the waste stream at the time of inspection. Continue efforts to remove banned waste streams from the working face as they are noticed.
9. The landfill was exposed to high winds as the result of severe thunderstorms that moved through the area the previous day. As a result, significant windblown material was observed on the north side of the landfill. Continue to collect all windblown material at the conclusion of each working day and return it to the working face. Mr. Geiss explained that 300-feet of wind fence had been ordered to control windblown material, and he expected delivery soon.
10. 15A NCAC 13B .0542(f)(1) requires that the owners and operators of all C&DLF units cover the solid waste with six inches of earthen material when the waste disposal area exceeds one-half acre and at least once weekly. Inspection found insufficient operational cover within the landfill. **A minimum of six inches of cover must be provided to all inactive areas within 10 days of this dated audit report.**
11. The monitoring wells were reviewed and were found to be properly locked and accessible. However, all wells need to be properly labeled with their designated number. Be sure all concrete pads are free of sediment.
12. During the inspection, severe eroded gullies were observed on the eastern slopes of inactive, cell #2A. These eroded areas must be properly repaired and stabilized with a groundcover sufficient to restrain erosion. All areas of bare soil must also be properly stabilized.
13. Adequate erosion and sedimentation control measures must be provided along the northern perimeter of the current borrow area to prevent off-site sedimentation damage.
14. Certified Landfill Operations Specialist Certification: Jeffery Geiss (expires 9/21/09)
    Robert C. Hare, II (expires 4/15/11)
    Jim Hanson (expires 12/6/09)

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

Delivered on : 5/27/08 by		hand delivery	X	US Mail		Certified No. [_]

Cc: Mark Poindexter, Field Operations Branch Head
Deborah Aja, Western Area Supervisor