



**FACILITY COMPLIANCE AUDIT REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

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

**Date of Audit:** April 13, 2010

**Date of Last Audit:** June 9, 2009

**FACILITY NAME AND ADDRESS:**

BFI-Lake Norman Landfill  
 7099 Quarry Lane  
 Stanley, North Carolina 28164

**GPS COORDINATES:** N: 35.43310 W: 081.01368

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Jeffery Geiss, Site Manager (704) 822-3033  
 Jeffery.geiss@awin.com

**FACILITY CONTACT ADDRESS:**

Same

**AUDIT PARTICIPANTS:**

Jeffery Geiss, Site Manager  
 Charles Gerstell, NCDENR-Solid Waste Section  
 Deb Aja, NCDENR-Solid Waste Section

**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 of the Permit to Operate Cells 1A, 1B, and 2A, dated October 12, 2005.

**PURPOSE OF AUDIT:**

Partial 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

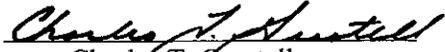
**AREAS OF CONCERN AND COMMENTS:**

1. This inspection was performed as a partial audit in order to observe the operations of the facility.
2. The facility is currently accepting approximately 90 tons of C&D waste per operating day.
3. Waste screening reports were reviewed and appeared to be performed on at least 1% of the waste stream. Unacceptable waste streams are being documented along with the steps taken to properly handle those waste streams.
4. Waste is currently being accepted into cell 2B
5. Significant dust was observed on the primary access road that leads to the landfill from the scale house. Mr. Geiss stated that a water truck was being utilized to control dust, but it recently experienced mechanical problems. Steps must be taken to ensure that dust resulting from daily operations is controlled on site.
6. Ditchlines along the haul road on cell 1A have been re-graded since the last inspection. As a result, some waste has been exposed on the slopes adjacent to the road. All waste must be covered with at least 6-inches of earthen material.
7. The working face of the landfill was less than one-half acre at the time of inspection.
8. Two large rolls of paper with a fiber glass backing were observed within the working face. Another large roll of paper was observed that appeared to be for the manufacturing of wallboard. This paper was mixed with other C&D waste at the time of inspection. However, this waste can be considered industrial waste which is not acceptable at a construction and demolition landfill. Take all steps necessary to ensure that loads of industrial wastes are not accepted for disposal at the facility. Mr. Geiss stated that he would check scale house tickets to determine where the waste originated from.
9. 15A NCAC 13B .0542(f)(2) requires that the owners or operators of all C&D landfill 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. This included inactive areas to the north and south of the current working face. Waste had also been exposed on the eastern slopes of cell 2A. Attempts have been made to cover some of the slopes on cell 2A and earthen material has been placed in piles throughout inactive areas to the south of the working face, but it has yet to be placed over the soil. Attempts to alter the angle of slopes on the north side of the landfill adjacent to the access road have left a significant amount of uncovered waste. **A minimum of six inches of earthen material must be provided to all inactive areas within 10 days of issuance of this audit report.**
10. Windblown waste was significant on the east side of Cell 2B. Attempts had been made to collect this waste as evidenced by multiple bags of collected waste observed on the east side of the landfill. Continue efforts to collect all windblown waste and return it to the working face.
11. Slight ponding was observed within the diversion ditch located between cells 2A and 2B on the northern portion of the landfill. This area must be re-graded to prevent continued ponding.
12. A convenience area has been provided at the container storage area for the general public to dispose of waste without entering the landfill. However, a significant amount of waste was observed on the ground surrounding the container instead of being placed within the container itself. All waste must be picked up and taken to the working face of the landfill for proper disposal.
13. Two roll-off containers full of waste were observed within the container storage area at the time of inspection. Several other containers were observed with waste inside, but were not completely full. Mr. Geiss stated that he did not know when the containers were placed on site. All waste within the containers at the storage area must be immediately taken to the landfill working face for proper disposal.
14. The diversion ditch located at the southeast corner of the landfill has overtopped allowing sediment to enter a natural watercourse beyond the device. The diversion must be repaired to original design.
15. The diversion ditch located on the southwest side of the landfill has been filled to maximum capacity which could prevent sediment from flowing toward the riser basin located at the northwest corner of the landfill. It appeared that some sediment had been removed at the point where the primary access road enters the landfill, but additional work is needed.

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



Phone: (704) 235-2144

Charles T. Gerstell  
Environmental Senior Specialist  
*Regional Representative*

Delivered on : <u>4/15/10</u> by	<b>X</b>	Electronic Correspondence		US Mail		Certified No. [ ]
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Cc: Mark Poindexter, Field Operations Branch Supervisor  
Deborah Aja, Western District Supervisor

Drew Isenhour; [isenhour@republicservices.com](mailto:isenhour@republicservices.com)  
Brad Green, General Manager; [bgreen@republicservices.com](mailto:bgreen@republicservices.com)  
Mike Gurley, Environmental Manager; [mgurley@republicservices.com](mailto:mgurley@republicservices.com)