



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

**UNIT TYPE:**

Lined MSWLF	<input checked="" type="checkbox"/>	LCID		YW		Transfer		Compost		SLAS		COUNTY: Cabarrus PERMIT NO.: 13-04 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Audit:** 7/19/11

**Date of Last Audit:** 4/29/10

**FACILITY NAME AND ADDRESS:**

BFI-CMS Landfill V  
 5105 Morehead Road  
 Concord, North Carolina 28027

**GPS COORDINATES:** N: 35.35196 W: 80.66805

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Brad Green, General Manager  
 (704) 262-6002

**FACILITY CONTACT ADDRESS:**

Same

**AUDIT PARTICIPANTS:**

Brad Green, General Manager  
 Mike Gurley, Environmental Manger  
 Teresa Bradford, NCDENR-Solid Waste Section

**STATUS OF PERMIT:**

Amendment 11 for the Permit to Operate Cell 2I was issued on May 4, 2011. The permit shall expire on May 5, 2016. Pursuant to 15A NCNAC 13B. 0201(e), no later than October 5, 2015, the owner or operator must submit a request to the Section for permit review prepared in accordance with Section .1603(a)(2) or (3) as applicable, and must update pertinent facility plans including, but not limited to, the facility operation and waste screening plans.

**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.

**STATUS OF PAST NOTED VIOLATIONS:**

None

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**AREAS OF CONCERN AND COMMENTS:**

1. Amendment 10 for the Permit to Construct (Modification No. 2) for Phase 3-Cells 2I, 2J, 2K and 2M was issued on November 12, 2010.
2. The facility consists of a MSWLF and a drop-off convenience area for residential waste.
3. The facility is permitted to receive solid waste generated from within the City of Concord, Cabarrus County, the State of North Carolina and the following counties in the State of South Carolina: Cherokee, York, Lancaster, Chesterfield and Chester.

**Operations Inspection of the MSWLF Unit:**

4. Waste was being placed in Phase 3-Cell 2I at the time of the inspection.
5. The working face appeared to be well controlled and compacted.
6. No unacceptable waste was observed.
7. Continue to ensure that additional soil cover is placed on the southern side slope of Cell 2H adjacent to Cell 2I.
8. Windblown was being collected at the time of the inspection.
9. Edge of waste markers were being maintained.
10. Roadways were well maintained.
11. Automobile shredder fluff mixed with soil, petroleum contaminated soil, tarps and foundry sand are approved as alternative daily cover when used as per the approved demonstration project reports.
12. The leachate storage lagoon had adequate freeboard space. Additional treatment is available in the leachate pre-treatment facility located adjacent to the leachate lagoon. Following necessary treatment, the leachate is discharged to the Rocky River Waste Water Treatment Plant. In June 2011, 823,437 gallons of pretreated leachate was discharged into the sanitary sewer system.

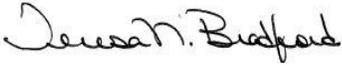
**Records Review:**

13. Reviewed permit, operations plan, training records, semi-annual groundwater and surface water monitoring reports, semi-annual and monthly leachate monitoring reports, quarterly methane monitoring reports, monthly landfill inspections, random inspection records, waste determination records and special waste records.
14. The facility currently accepts approximately 3500 tons per day.
15. On May 26, 2011, notification was received from the facility regarding methane exceedance of the LEL at methane monitoring well MMW-7. Additional investigation using bore-hole punches was conducted around MMW-7 and indicated no methane in those areas or at the facility's property line. According to the notification, expansion of the gas collection system is planned in areas adjacent to MMW-7 by early August. Also, the landfill cover integrity will be examined and monitored in areas adjacent to MMW-7.
16. The certified employees are as follows:
  - Brad Green – Certified Landfill Manager expires May 6, 2014.
  - Tony Reiss – Certified Landfill Manager expires March 9, 2013.
  - Mike Gurley – Certified Landfill Manager expires February 11, 2013.
  - George Spry, Sr. – Certified Landfill Manager expires July 28, 2012.
  - Charles Sparks – Landfill Operations Specialist Certification expires April 19, 2014.
  - Michael Earnhardt – Landfill Operations Specialist Certification expires April 19, 2014.
  - Dale Shepherd - Landfill Operations Specialist Certification expires April 15, 2014.
  - James Talley - Landfill Operations Specialist Certification expires November 18, 2013.
  - Marvin Dry – Landfill Operations Specialist Certification expires April 27, 2013.
  - Tony Trexler – Landfill Operations Specialist Certification expires March 16, 2013.
  - Ralph Earnhardt – Landfill Operations Specialist Certification expires December 6, 2012.
  - Terry Thomas – Landfill Operations Specialist Certification expires December 4, 2012.
  - Kevin Dennis - Landfill Operations Specialist Certification expires May 4, 2012.
  - Dennis Hatley - Landfill Operations Specialist Certification expires May 4, 2012.
  - George Spry, Jr. - Landfill Operations Specialist Certification expires May 4, 2012.

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



Phone: (704) 235-2160.

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Teresa N. Bradford  
Environmental Senior Specialist  
***Regional Representative***

Delivered on : <u>8/5/11</u> by	X	Electronic Mail		US Mail		Certified No. <u>  </u>
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cc: Jason Watkins, Western District Supervisor  
Shawn Mckee, Compliance Officer