NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

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

COUNTY: Stanly
PERMIT NO.: 84-01
FILE TYPE: COMPLIANCE

Date of Audit: 1/13/10 **Date of Last Audit:** 11/18/09, 11/20/09, 12/8/09, 12/10/09

FACILITY NAME AND ADDRESS:
City of Albemarle MSW Landfill Facility
40592-B Stony Gap Road
Albemarle, North Carolina

GPS COORDINATES: N: 35.31004 W: 80.15046

FACILITY CONTACT NAME AND PHONE NUMBER:
Raymond Alan, City Manager
City of Albemarle
(704) 984-9408

FACILITY CONTACT ADDRESS:
Post Office Box 190
Albemarle, North Carolina 28002

AUDIT PARTICIPANTS:
Mike Lambert, Public Works Director
Darren Preslar, Specials Projects Officer
Wayne Sullivan, Municipal Engineering Services Company, P.A.
Teresa Bradford, NCDENR-SWS

STATUS OF PERMIT:
A modification to the Permit to Operate the Phase 1 and 2 of the MSW Landfill was issued on June 12, 2009. The permit shall expire on June 12, 2014.
A modification to the Permit to Operate Fill Plan 1st through 4th years of the CDLF Unit was issued on November 1, 2005 and will be valid until January 1, 2007. Information as been submitted to the Solid Waste Section, Permitting Branch, and is under review.

PURPOSE OF AUDIT:
Comprehensive Audit

NOTICE OF VIOLATION(S):
No new violations.

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:

15A North Carolina Administrative Code 13B .1626(8)(d). All leachate outbreaks previously noted were repaired at the time of the inspection. According to Mr. Lambert and Mr. Sullivan, the leachate outbreak observed leaving the liner system on the southwest side slope of Phase 1of the MSWLF on December 10, 2009, could not be located. The Facility had started construction of a trench system on the southern side slope of Phase 1 in an effort to prevent future leachate releases. No leachate releases were observed on the southern side slope of Phase 1. On January 29, 2009, the City of Albemarle submitted information in response to the Notice of Violations issued on December 29, 2009. The documentation included a copy of the *Leachate Management Plan, Revised 2010, Compliance Audit Report Contingency Plan, January 2010* and a chronology of events and actions entitled *Phases I & II Audit Info.*

To achieve compliance, the City of Albemarle must implement the *Sample and Analysis Plan* approved by Mr. Ervin Lane, Compliance Hydrogeologist on February 2, 2010. Also, continue to ensure that all leachate is contained on site or properly treated prior to discharge.

15A North Carolina Administrative Code 13B .1626(2)(a); 15A North Carolina Administrative Code 13B .1626(8)(a) and 15A North Carolina Administrative Code 13B .1626(8)(b). A significant amount of impounded water was still present in Phase 2 of the MSWLF. According to Mr. Lambert and Mr. Preslar, once the Phase 1 leachate collection system has been properly evaluated for any obstructions, impounded water from Phase 2 will be pumped into a Phase 1 cleanout. If that proves to not be a viable option, hoses will be utilized to pump the impounded water from Phase 2 directly into the leachate lagoon. As previously noted, a majority of the waste had been covered with blue tarps. On January 29, 2009, the City of Albemarle submitted information in response to the Notice of Violations issued on December 29, 2009. The documentation included a copy of the *Leachate Management Plan, Revised 2010, Compliance Audit Report Contingency Plan, January 2010* and a chronology of events and actions entitled *Phases I & II Audit Info.*

To achieve compliance, the City of Albemarle must remove all impounded water in Phase 2; and immediately upon removal of the impounded water, cover all waste in accordance with 15A NCAC 13B .1626(2)(a).

Additional measures may be required by the Division.

AREAS OF CONCERN AND COMMENTS:

1. The facility consists of a MSWLF, yardwaste area, white goods area, scrap tire collection, battery collection and a drop-off area for residential waste.
2. The service area for the facility is Stanly County.

Municipal Solid Waste Landfill:

3. At the time of the inspection, the facility was disposing of waste in Phase 1 of the MSWLF.
4. The working face well controlled
5. No unacceptable waste was observed.
6. At the time of the inspection, the Facility had started construction of a trench system on the southern side slope of Phase 1 in an effort to prevent future leachate releases. No leachate outbreaks were observed on the southern side slope of Phase 1.
7. A significant amount of impounded water was still present in Phase 2. As previously noted, a majority of the waste in Phase 2 had been covered with blue tarps.

Construction and Demolition Landfill:

8. Observed operations of the CDLF.
9. The working face was small and compact.
10. No unacceptable waste was observed.

Miscellaneous Treatment and Processing Areas:

11. The white goods and metal area was well managed.
12. Freon is removed from the white goods by a facility employee.
13. The scrap tire area was well managed. All scrap tires are placed in an enclosed trailer.

Records Review:

14. Reviewed permit, operations plan, training records, groundwater, surface water and leachate sampling, methane monitoring, random inspection records, scrap tire certifications and tonnage records. In December 2009, approximately 147 tons of waste was disposed of in the MSWLF and 28 tons of waste was disposed of in the CDLF.
15. The certified operators are as follows:

    Nina Underwood – Manager of Landfill Operations Certification expires January 3, 2011.
    Darren Preslar – Certified Landfill Technical Associate expires June 15, 2010.
    Martha Pruitt – Landfill Operations Specialist expires October 28, 2011.
    Jan Borgmann – Landfill Operations Specialist expires February 8, 2011.
    Lane Taylor – Landfill Operations Specialist expires August 21, 2012.
    Chad House – Landfill Operations Specialist expires August 21, 2012.
    Benjamin Smith – Landfill Operations Specialist expires August 21, 2012.
    Brian Mauldin – Landfill Operations Specialist expires August 21, 2012.
    James Randall – Landfill Operations Specialist expires August 21, 2012.
    Joel Gudger – Landfill Operations Specialist expires September 30, 2012.
    David Capel – Landfill Operations Specialist expires September 30, 2012.
    Chris McCauley – Landfill Operations Specialist expires September 30, 2012.
    Joel Thompson – Landfill Operations Specialist expires September 30, 2012.

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

Teresa N. Bradford
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2160 .

Delivered on : 3/2/10 **by**		Electronic Correspondence	X	US Mail		Certified Mail

cc: Mark Poindexter, Field Operations Branch Supervisor
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