



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Iredell PERMIT NO.: 49-01 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: August 10, 2010

Date of Last Audit: February 23, 2010

FACILITY NAME AND ADDRESS:

Iredell County Landfill
 Twin Oaks Road
 Statesville, North Carolina 28625

GPS COORDINATES: N: 35.77782 W: 80.82049

FACILITY CONTACT NAME AND PHONE NUMBER:

David Lambert, Solid Waste Director (704) 878-5430

FACILITY CONTACT ADDRESS:

354 Twin Oaks Road
 Statesville, North Carolina 28625

AUDIT PARTICIPANTS:

Terry Church-Landfill Supervisor
 Charles Gerstell-NCDENR, Solid Waste Section

STATUS OF PERMIT:

Facility was issued a letter of closure on September 5, 1995.

PURPOSE OF AUDIT:

Follow-up 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.

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STATUS OF PAST NOTED VIOLATIONS:

15A North Carolina Administrative Code 13B .0510(c) states: When a solid waste disposal site has been closed in accordance with the requirements of the Division, future necessary maintenance and water quality monitoring shall be the responsibility of the owner and operator and shall be specified in the closure letter.

- Post Closure Condition #1 of the Closure Letter dated September 5, 1995 states: The owner shall take the measures necessary to ensure that the closed site shall continue to meet the design standards for landfill gas found in Rule .0503(2)(a).
- .0503(2)(a) states: A site shall meet the following design requirements:
 - a. The concentration of explosive gases generated by the site shall not exceed
 - i. twenty-five percent of the limit for the gases in site structures (excluding gas control or recovery system components); and
 - ii. the lower explosive limit for the gases at the property boundary;

During an inspection performed on February 23, 2010, it was determined that permanent methane monitoring devices were in place at those buildings immediately adjacent to the landfill along Twin Oaks Road. However, no information was provided showing that Iredell County had performed any explosive gas monitoring at the closed municipal solid waste facility as required in the closure letter dated September 5, 1995.

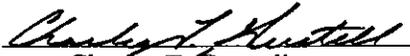
Therefore, Iredell County was found in violation of 15A NCAC 13B .0510(c) and was required to provide evidence that methane monitoring had been performed as required in the closure letter, or a new permanent methane monitoring plan be submitted to the Section for approval.

A methane monitoring plan was received by the Solid Waste Section on March 31, 2010 and was approved on July 26, 2010. Methane probes were being installed at the time of inspection. **Therefore, this violation is considered resolved. Thank you for your cooperation in this matter.**

AREAS OF CONCERN AND COMMENTS:

1. This inspection was a follow-up audit to verify measures taken to comply with the Notice of Violation(s) that was issued on March 2, 2010.
2. A gate has been provided at the entrance to the facility to prevent unauthorized entry. The gate was shut and locked at the time of inspection.
3. Edge of waste markers were in place at the perimeter of the landfill.
4. During the inspection, installation of the casing for methane probe #6 was observed. Please continue efforts to implement the methane monitoring plan as approved.

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


 Charles T. Gerstell
 Environmental Senior Specialist
 Regional Representative

Phone: (704) 235-2144

Delivered on : <u>8/16/10</u> by	X	Electronic Correspondence		US Mail		Certified No.
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cc: Mark Poindexter, Field Operations Branch Supervisor
 Deb Aja, Western District Supervisor