



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF	<input checked="" type="checkbox"/>	LCID		YW	<input checked="" type="checkbox"/>	Transfer		Compost		SLAS		COUNTY: Cherokee PERMIT NO.: 20-02 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	<input checked="" type="checkbox"/>	Incin		T&P	<input checked="" type="checkbox"/>	FIRM		
CDLF		Tire T&P / Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: July 27, 2010**Date of Last Audit:** August 25, 2009**FACILITY NAME AND ADDRESS:**

Cherokee County Landfill
 10160 US 19/74/129
 Marble, NC 28905

GPS COORDINATES: N: 35.18103 E: -83.90807**FACILITY CONTACT NAME AND PHONE NUMBER:**

Robert Allen, Director
 828/837-2621

FACILITY CONTACT ADDRESS:

Cherokee County Solid Waste Department
 c/o Cherokee County Courthouse
 75 Peachtree Street, Murphy, NC 28906

AUDIT PARTICIPANTS:

Robert Allen, Cherokee County Solid Waste Director
 Jeff Clark, Landfill Manager
 Wanda Payne, Solid Waste Officer
 Troy Harrison, Division of Waste Management/Solid Waste Section

STATUS OF PERMIT:

Original Permit to Construct issued July 15, 1997
 Permit to Construct (Phase 2) issued February 19, 2004
 Current Active-Permit to Operate issued April 1, 2005
 Permit Expiration Date: April 1, 2010

**A Request for Renewal of Permit was received by the ARO on February 26, 2010.
 The renewal is pending.**

PURPOSE OF AUDIT:

Partial audit of MSW Landfill

NOTICE OF VIOLATION(S):

None

STATUS OF PAST NOTED VIOLATIONS:

N/A

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AREAS OF CONCERN AND COMMENTS:

1. All photographs were taken by Troy Harrison on July 27, 2010.
2. This facility is a MSW landfill. The service area is Cherokee, Clay, Graham and Swain Counties.
3. The sky was lightly scattered and very hot at the time of audit.
4. The leachate pond was observed. There was a small amount of leachate in the basin. Leachate is pumped to the basin and then to a wastewater treatment plant. The leachate collection lines were maintained and scheduled to be inspected in August.



Leachate collection pond

5. The cap of the landfill was observed. Portions of the landfill with intermediate cover have been seeded and have an established stand of grass while other portions have been graded and was waiting hydro-seeding. No standing water was observed on the landfill. The top of the landfill was graded to minimize low spots. There was one section where there was erosion from recent heavy storms. The erosion did not appear to have exposed any waste.



North slope of landfill showing moderate erosion



Top of landfill looking west showing grading work

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NW corner of landfill, entrance road is on the right.



NW corner of landfill from top looking at sedimentation basin.

6. The working face was kept to a minimum footprint. Extra soil was placed at the edge of the working face for use as daily cover or fire control, if necessary.



Close-up view of working face



Working face and compactor

7. The entrance road was constructed with gravel placed on top of a fabric to make moving the road easier when necessary. The road was in good condition and appeared sufficient for all-weather use.
8. The Land Clearing & Inert Debris (LCID) Treatment & Processing (T & P) area was observed. Grinding has not occurred for over three years.



LCID T & P area

9. The edge of waste was well marked with white stakes.

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10. The cattle in the pasture located within the landfill facility but outside the MSW landfill Unit was briefly discussed. At the time of the audit, cattle were not located near the landfill. Issues of concern:
- a. potential contamination of groundwater monitoring wells;
 - b. potential damage to the wells themselves;
 - c. public access by the cattle owner after hours; and
 - d. ability to access the wells while cattle are on landfill property.

This activity will require additional permit conditions or a modification to the facility operations plan during the current renewal or modification process.

11.

Name	Certification	Expiration Date
Jeff Clark	MOLO	3/27/13
Robert Allen	MOLO	3/27/13
Wanda Payne	LOB	2/13/10
Dick Godfrey	LOB	2/13/10
James Phillips	LOB	4/2/12
Jason Roland	LOB	4/2/12

MOLO – Manager of Landfill Operations
LOB – Landfill Operations Basics Course

Recycling Area

12. The battery collection area is located on a pallet. All batteries were observed upright.
13. The waste oil collection area is located within the recycling building on concrete. The used oil is removed by Holston Services, Inc.
14. The county recycles cardboard, newspaper, aluminum, and plastic. These are bailed and sold.
15. There is an area where doors, furniture or anything that can be reused are placed. This is a swap shop that is available to the general public.
16. A new area has been set up to receive glass and yard waste. If the yard waste is distributed to the public, then Cherokee County will be required to follow 15A NCAC 13B Section .1400 rules for Solid Waste Compost Facilities.



Glass and Yard Waste

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17. Electronic goods were collected for recycling along with pallets.



Electronic Goods

18. The metal area was observed. White goods were collected at a separate area where the Freon is removed them moved to the metal area.



White Goods Area



Metal Area

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

Troy Harrison

828-296-4701

Phone: _____.

 Troy Harrison
 Environmental Senior Specialist
Regional Representative

Mailed on : <u>August 09, 2010</u> by	Hand delivery	<input checked="" type="checkbox"/>	E-Mail	Certified No. <input type="checkbox"/>
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- cc: Mark Poindexter, Field Operations Branch Supervisor
 Deb Aja, Western District Supervisor
 Donald Herndon, Compliance Officer
 David Badger, Cherokee County Manager
 Michael Scott, Composting and Septage Branch Supervisor
 Allen Gaither, Regional Engineer