FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

UNIT TYPE: (check all that apply to this audit with same Permit number)

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

COUNTY:Madison

PERMIT NO.: 58-03

FILE TYPE: COMPLIANCE

Date of Audit: 7/31/08 **Date of Last Audit:** 8/2/07

FACILITY NAME AND ADDRESS:
Madsion County Solid Waste Transfer Facility
271 Craig Rudisill Road
Marshall, N. C. 28753

GPS COORDINATES: (Decimal **Degrees) N: 35.80890** **W:082.71680**

FACILITY CONTACT NAME AND PHONE NUMBER:
Jim Huff, Madison County Solid Waste Director
Telephone 828-649-2311

FACILITY CONTACT ADDRESS (IF DIFFERENT):
Same as above

AUDIT PARTICIPANTS:
Jim Huff, Madison County Solid Waste Department
Andrea Keller, DENR-Solid Waste Section
Deb Aja, DENR – Solid Waste Section

STATUS OF PERMIT:
Active- Permit modification issued March 21, 2007

PURPOSE OF AUDIT:
Comprehensive Audit

NOTICE OF VIOLATION(S) (citation and explanation):
NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to $5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, 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 (List all noted last audit):

AREAS OF CONCERN AND COMMENTS:

Transfer Station:

1. The permit and operations plan were reviewed. The documentation was complete and presented in an orderly manner.
2. The contingency plans were reviewed and were current.

3. The waste is being transferred to the Lakeway Recycling and Sanitation Landfill, Lowland, TN/DEC Number SNL32-0280.
4. The service area for this facility is Madison County.
5. The waste screening records were reviewed. The unacceptable waste types are being noted on the screening forms.
6. The transfer facility floors and drains were in good sanitary condition. However, the floor is beginning to show signs of wear/cracking and the facility should prepare for resurfacing the floor within the next year or two.
7. Due to the wear/cracking of the facility floor, a gap has formed between the tipping floor and the metal shoot. This area of the tipping floor needs to be resurfaced.
8. The transfer trailer loading area walls need to be cleaned, including the walls behind the tipping chute/roll off area. It is recommended that the walls be pressure washed on a six month schedule or on an as needed basis depending on the waste streams and other factors that would affect the cleanliness of the facility. As the transfer day should receive a daily wash down, and the well water level has, in the past, inhibited cleanup, a secondary water source should be available for daily maintenance activities.
9. The wind blown litter is being managed well.
10. Leachate is currently being collected into a tank and pumped as needed. The leachate is being managed properly.
11. The Certified Transfer Station Operators are
    a. Charles Metcalf; expires 4/15/11
    b. James Ensley; expires 7/22/11
    c. James Huff; expires 7/22/11
    d. Richard Roberts; expires 8/21/10
    e. Douglas Payne; expires 5/16/09
    f. Norman Roberts; expires 5/16/09
12. The area around the transfer facility and the HHW sheds have been flea infested and recently treated.
13. White goods are being managed properly and tires are not accepted at this facility.
14. The signs at the entrance to the facility are correct.
15. The access around the facility is stable and no soil erosion was noted.
16. It is recommended that the dumping of trash be minimized around the loading bay storm drain.

Active C&DLF (Unit 2):

1. The permit, operations plan were available.
2. The facility is currently accepting approximately 358 tons per month of C&D waste.
3. No issues with Wind Blown materials at the C&DLF.
4. The permitted edge-of-waste boundary stakes were maintained and visible.
5. The waste type in the C&D was reviewed and is according to permit. No unacceptable waste streams were noted.
6. The certified C&DLF operators/expiration dates are as follows: Charles Metcalf (8/21/10), James Ensley (8/21/10), James Huff (2/25/11), and Richard Roberts (4/15/11).
7. The waste screening forms were reviewed and are being performed on a minimum of 1% of the waste stream.
8. The tire certifications were reviewed and properly signed.
9. The scrap tire area is being managed well.
10. White goods were being managed properly.
11. Record reviews of the C&DLF phased fill schedule indicated that a barrier (berm) was included in the plans to divert storm water runoff from the unused portions of the C&DLF from mingling with the leachate runoff from the active portion of the landfill. Currently, there is a slight ditch in place. **It is recommended that you consult with the permitting branch (Allen Gaither) to determine whether the ditch satisfies the engineering intent. Additionally, the sed-basin should be**

cleared/dug out and vegetation removed in order to comply with the intent of the approved landfill plans.

12. Water quality records were reviewed and are being performed semi-annually.

Inactive MSWLF:

1. **Adequate ground cover needs to be provided** on all of the previously disturbed areas including the **closed MSWLF** slopes.
2. The leachate pond pumping records were reviewed. Leachate was pumped (to the irrigation spray fields) twice during 2008 (to-date) on 3/7 and 3/10.
3. The leachate pond UV liner is worn/torn. Facility should look into alternative UV liners. It is recommended that leachate ponds be fitted with some method to support **emergency extraction** (grip surface/ladder).
4. **It is recommended that the leachate pond intake pipe be kept clear of excessive vegetation**.
5. The Leachate sampling is being conducted semi-annually.
6. The Leachate inspection log was reviewed and is being performed as required.
7. Water quality records were reviewed and are being performed semi-annually.
8. Landfill gas monitoring is being performed quarterly as required. It is recommended that a **calibration canister** be kept on site in order to calibrate/verify that equipment is in working condition prior to quarterly monitoring.

Inactive C&DLF (Unit 1):

1. **Adequate ground cover needs to be provided** on all of the previously disturbed areas including the **closed C&D Landfill**, and all other areas that are bare or eroding. Seeding and mulching operations need to be underway within 30 days after the grading activities are completed or inactive. The closed C&D Landfill was lacking acceptable ground cover and was showing signs of erosion.
2. Water quality records were reviewed and are being performed semi-annually.

General Comments:

1. **Adequate ground cover needs to be provided** on all of the previously disturbed areas to include the closed MSWLF slopes, the sloped area below the recycling building, the closed C&D Landfill, and all other areas that are bare or eroding. Seeding and mulching operations need to be underway within 30 days after the grading activities are completed or inactive.
2. Digital Pictures were taking during the audit.
3. The signs displayed at the entrance to the facility met permit requirements.

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

_____(signature) Phone: 828-296-4700.
Regional Representative

Delivered on : 9/22/08 by		hand delivery		**US Mail**		Certified No. [ ]