



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF	X	LCID	X	YW	X	Transfer		Compost		SLAS	COUNTY: BUNCOMBE PERMIT NO.: 11-07 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW	X	White goods	x	Incin		T&P	X	FIRM	
CDLF	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 06/24/10.

Date of Last Audit: 06/08/09

FACILITY NAME AND ADDRESS:

Buncombe County Solid Waste Management Facility
 85 Panther Branch Road,
 Alexander, NC 28701

GPS COORDINATES: N: 35.72600 W: -82.63655

FACILITY CONTACT NAME AND PHONE NUMBER:

Jerry Mears, Landfill Manager
 Kristy Smith, Bioreactor Manager
 Telephone: 828-250-5462

AUDIT PARTICIPANTS:

Andrea Keller, NCDENR– Solid Waste Section (SWS)
 Jerry Mears, Buncombe County
 Kristy Smith, Buncombe County

STATUS OF PERMIT:

Issued September 12, 2006
 Expires September 12, 2011

PURPOSE OF AUDIT:

Partial Audit

NOTICE OF VIOLATION(S):

None

AREAS OF CONCERN AND COMMENTS:

1. On site for partial audit of MSW/C&DLF facility. Current weather conditions were sunny, dry, high 80's.
2. Land Quality (LQ) had recently conducted an audit: erosion controls, sedimentation ponds, and the borrow area were inspected. No issues noted.
3. Several new edge of waste (EOW) markers had been installed around all disposal units. (see photo)

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EOW Markers (orange posts) visible.

4. The working face of the CDLF was inspected:
 - a. The active working face of the CDLF has been moved to the designated asbestos disposal area (due to decrease in C&DLF activity). Signs for controlling/designating the area for asbestos disposal were in place.
 - b. Weekly soil cover was adequate.
 - c. Minimal windblown materials were noted surrounding the active working face of the CDLF.
 - d. Active working area was restricted, approximately, to less than a ½ acre.
 - e. No unacceptable wastes were noted at the landfill.
 - f. The Sediment Basin (#11) slopes (from CDLF fill area to the basin) exhibited improved erosion control (established vegetation) since previous audit.

5. The working face of the MSWLF was inspected:
 - a. Fences for controlling windblown materials were in place, laborers were collecting windblown materials from the edge of the active cell (Cell 6) and the Cell 6 fencing was free of windblown debris.
 - b. The facility had been controlling leachate across the top of the working face with retention berms and a manual pump. Some ponding of water was observed over waste (no exposed waste was observed). The LF manager stated that it was done in an attempt to control snow/rain runoff over the winter months.



Note that 15A NCAC 13B .1626 (8)(b) requires drainage controls such that surface water is ***not impounded over or in waste***. Please address this issue immediately, and contact the Asheville Regional Office with any questions or concerns.

- c. The approved Posi-shell ACM had been recently applied (see photo below).

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Visible color can indicate a lack of full coverage. LF Manager stated that the operators make several passes with the posi-shell spray equipment in order to achieve coverage.

- d. Unacceptable wastes are pulled from the disposal area and taken to the appropriate facility location (example: tires, white goods).
 - e. The active working area unit was restricted in size. Access was controlled through use of operators on site and the large free-standing windblown fencing. Soil cover was good.
6. The T&P area of the facility is still producing mulch on site, for use as ACM material (not for public consumption). Containers are available for materials not acceptable for grinding (painted/engineer wood, plastic, etc.). There was large stock-piled area of mulch, awaiting use as an ACM material. Note that maintenance (windrows, temperature checks, etc.) of this material is required (to prevent combustion).
 7. Mulch is brought to the soil borrow area for mixing with soil for ACM use.
 8. Access roads were well maintained at the facility. Signs were in place to direct waste haulers/general public to appropriate disposal locations.
 9. The leachate pond appeared to be <half full. Leachate has been re-circulated as part of the bioreactor management.
 10. Waste screening records (1% of incoming waste, minimum) were available for review at the office. Weekly in-depth screening was conducted in accordance with the approved permit.
 11. Tire records were reviewed and were in order. The tire acceptance area was orderly (semi trailers) and controlled.
 12. Asbestos intake records were reviewed an in order.
 13. Methane monitoring records were reviewed. Methane monitoring was conducted, in accordance with the permit, at all facility structures (scale house, convenience center, well house, office, trailer, block building, HHW, and garage) and at four methane monitoring well (MMW) locations (MMW-3 and MMW-4 were installed on 10/28/09). It was noted that the 12/7/09 date indicated methane at 2.2% volume in MMW-3, which would correlate to 44% LEL for methane. The remaining data records (from 3/9/09 through 6/10/10) indicated little to no methane (less than 0.1% methane by volume).
 14. During the previous inspection it was stated that, with respect to the activation of the final portion of Cell 6, controls existed to separate storm water from waste/leachate and that documentation/certification of any

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constructions changes at the facility must be placed in the facility operating record. During the inspection, the active working face had moved to this final portion of Cell 6. While this permit condition was not discussed at the time of the audit, during future inspections these documents may be requested for review.

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



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

Andrea Keller

Environmental Senior Specialist

Regional Representative

Mailed on : <u>06/29/10</u> by		hand delivery		US Mail		Certified No.
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cc: Mark Poindexter, Field Operations Branch Supervisor

Deb Aja, Western District Supervisor

Donald Herndon, Compliance Officer