

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	<input checked="" type="checkbox"/>	SLAS	COUNTY: Haywood PERMIT NO.: 44-07 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P	<input checked="" type="checkbox"/>	FIRM	
Closed CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Dates of Audit: 06/11/10

Date of Last Audit Report: 03/30/10

FACILITY NAME AND ADDRESS:

Haywood County Municipal Solid Waste Landfill
 State Road 1338, White Oak Community
 Waynesville, N. C. 28786

GPS COORDINATES: N: 35.66343 W: -82.99866

FACILITY CONTACT NAME AND PHONE NUMBER:

Stephen King, Haywood County Solid Waste Director
 Telephone 828-627-8042

FACILITY CONTACT ADDRESS:

Stephen King, Director
 Haywood County Solid Waste Department
 278 Recycle Drive
 Clyde, N. C. 28721

David Cotton, County Manager
 215 N. Main Street
 Waynesville, NC 28786

AUDIT PARTICIPANTS:

Andrea Keller, NCDENR, Solid Waste Section (SWS)
 Deb Aja, NCDENR, SWS
 Denise Ballew, Haywood County White Oak Landfill Manager

STATUS OF PERMIT:

Original Permit to Construct: July 22, 1992
 Permit Amendment /Modification PTC Phase 3: May 5, 2009

PURPOSE OF AUDIT:

Partial Audit

STATUS OF PAST NOTED VIOLATIONS:

RESOLVED: 15A NCAC 13B .1626 (1)(g)(ii) for waste placement outside of the base liner system

RESOLVED: 15A NCAC 13B .1626 (8)(d) for failure to contain leachate on site, within the base liner system, that was not properly treated prior to discharge.

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ONGOING: 15A NCAC 13B .1626 (2)(c) for failure to replace the minimum of one foot of intermediate soil cover over exposed waste resulting from activities in August, 2009.

In order to achieve compliance, Haywood County must, within 14 days, submit, in writing, a plan to address the lack of intermediate soil cover. This plan should be submitted to the Solid Waste Section Permitting Branch, Allen Gaither, at the Asheville Regional Office.

ONGOING: 15A NCAC 13B .0203 (d) for failure to abide by General Permit condition No. 6, Permit to Construct condition No. 12, and Permit to Operate condition No. 7 in that modifications to the approved Environmental Monitoring Plan were conducted without Section approval.

As the current explosive gas monitoring language and associated site maps found in the Permit to Construct do not reflect current site conditions, a stand-alone Landfill Gas Monitoring Plan is required. This Landfill Gas Monitoring Plan must be submitted to the Section for review, by July 12, 2010, in accordance with 15A NCAC 13B .1626 (4) and shall include, at a minimum, landfill gas well construction diagrams, a site map indicating existing and proposed landfill gas wells, a schedule for installation for all proposed well locations, and a monitoring data collection sheet indicating all site wells and reporting standards.

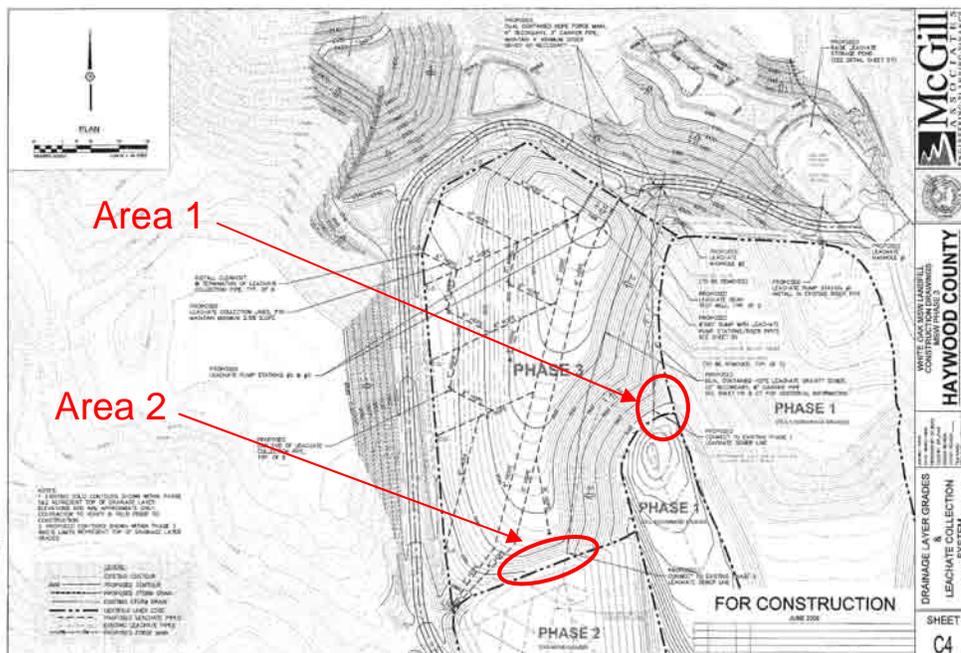
NOTED VIOLATIONS:

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.

AREAS OF CONCERN AND COMMENTS:

1. The site inspection of 06/11/10, conducted by A. Keller and D. Aja, was scheduled as a follow-up inspection to the Notice of Violations generated from the 03/30/10 comprehensive site inspection.
2. During the site inspection on 08/07/09, two areas of concern were noted:
 - Area 1** is at the junction of Phase 1, Cells 2 and 4. It was estimated (by McGill and S. King) that this region was actively receiving waste in the 2000-2002 timeframe.
 - Area 2** is located near a sump pump/cleanout line in the Phase 2 portion of the MSWLF.

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3. Substantial work had been conducted in Area 1 since the previous inspection. Excavation, soil cover, and grading had been conducted in order to cover all exposed wastes.

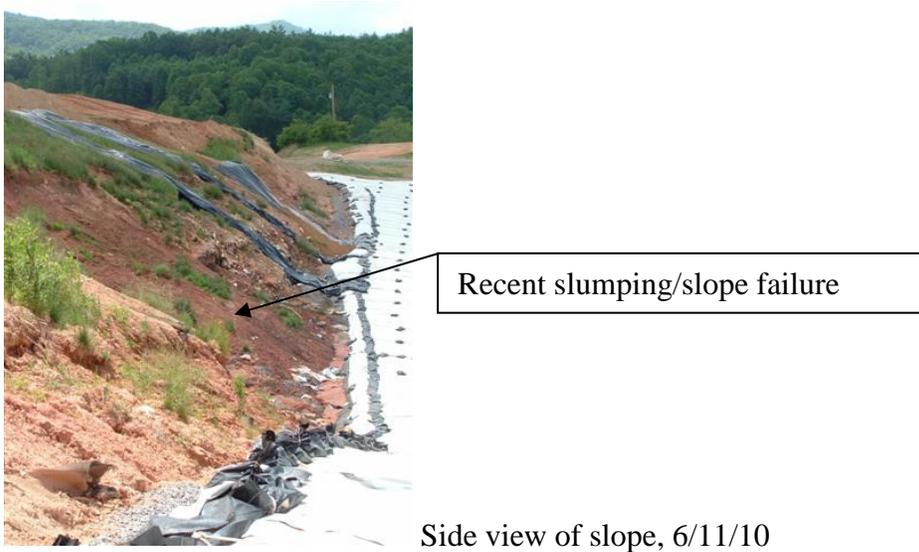
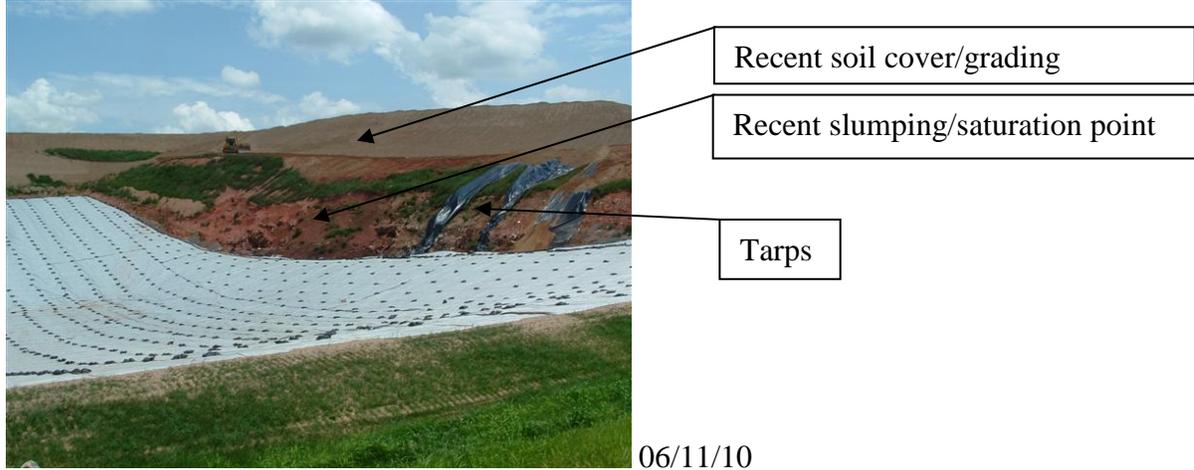


4. Area 2: The north side of Phase 2 had experienced substantial saturation and slumping during the excavation process. In efforts to control leachate release and surface water impacts, the County had attempted to place tarps over the exposed waste regions (see photo below).

Additionally, the Phase 3 rain cover tarp (white) which separates surface water from the leachate collection system (liner system with gravel) had been arranged such that leachate leaving the exposed waste would be directed to the gravel/liner base system rather than the surface water collection system.

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Height of slope is approximately 50 feet from the lowest point (sump pump region) to the first tier of the slope. The County has attempted to place soil cover (intermediate soil cover) over the slope, filling from above. The slope still exhibits instability due to the saturation of the soils.

5. The previously cited NOV for 15A NCAC 13B .1626 (1)(g)(ii) and .1626 (8)(d) has been resolved. In order to achieve compliance, Haywood County, within 30 days of receipt of the NOV, responded in writing with steps the County will take to prevent waste being placed outside the liner limits. In addition to training activities, the County had installed concrete liner edge markers around the Phase 3 waste area and plans to install the concrete markers around the remaining edge-of-waste regions by June 30, 1010. (see photo below)

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6. Ongoing: NOV for 15A NCAC 13B .1626 (2)(c) was discussed with McGill Associates and Denese Ballew on 06/09/10. The Section granted an extension on the original compliance deadline, pending the receipt of a plan to address the lack of intermediate soil cover.
7. Ongoing: NOV for 15A NCAC 13B .0203 (d) for failure to abide by permit conditions. Partial resolution has been made of this NOV in that McGill Associates, on behalf of Haywood County, submitted an updated site map which reflected current site conditions. Additionally, all modifications, replacements, etc. of the monitoring well network (landfill gas wells and groundwater monitoring wells) has been communicated to the Section Hydrogeologist (Zinith Barbee). Final resolution of this NOV requires the County to submit a stand-alone Landfill Gas Monitoring Plan. **The compliance deadline for this plan is currently July 12, 2010.**
8. Access roads at the facility have been repaired since the previous site inspection and the completion of the Phase 3 construction activities. All roads were functional and in good condition.
9. Windblown fencing was in place and the site was free of excessive windblown materials.
10. The operators were managing a small working face, compaction was ongoing, and daily soil cover appeared adequate.
11. Staffing had increased since the previous site inspection. The facility appeared well-managed, traffic flow was controlled with barriers and signs at the active working face.
12. Since the previous site visit, all materials located at the treatment and processing area (land clearing and yard waste) had been ground in preparation for use in their ACM demonstration project. The County had submitted a request to conduct a 3:1 soil/mulch ACM demonstration project. Approval for this ACM demonstration period was granted in a letter dated June 16, 2010 with a completion date of October 15, 2010.
13. The County intends to construct a public drop-off location (convenience center) within the facility property boundary. This activity must be captured in the Permit and Operations Plan. Please contact

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Allen Gaither (Solid Waste Section Permitting Engineer, allen.gaither@ncdenr.gov) to discuss Section requirements for this modification to the facility.

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



Phone: 828-296-4700

Andrea Keller
Environmental Senior Specialist
Regional Representative

Mailed on : <u>06/17/10</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
Zinith Barbee, Section Hydrogeologist
Ed Mussler, Permitting Branch Manager
Allen Gaither, Permitting Engineer