



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: 03/08/11

Date of Last Audit Report: 09/21/10

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

AUDIT PARTICIPANTS:

Andrea Keller, NCDENR, Solid Waste Section (DWM)
 Susan Wilson, NCDENR, Surface Water Protection (DWQ)
 Stephen King, Haywood Co. Solid Waste Director
 Mark Shumpert, Haywood Co. WOLF Landfill Manager
 Mark Pruett, Haywood Co. Erosion and Sedimentation Control Director

STATUS OF PERMIT:

Original Permit to Operate: October 8, 1993
 Phase 3 PTO: Approval pending review with the Section.

PURPOSE OF AUDIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS: None

NOTED VIOLATIONS: None

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AREAS OF CONCERN AND COMMENTS:

1. On site at the Haywood County Transfer Station (#44-08T) to conduct records review for the Comprehensive site inspection of the White Oak MSWLF. The following records were reviewed and found in order:
 - a. Training records:
 - Martin Shumpert (MOLO) – expires 10/19/13
 - Billy Owenby (LF Operator) – expires 8/21/12
 - Gregory Cordell (LF Operator) – expires 8/21/12
 - Stephen King (MOLO) – expires 5/25/10
 - b. Waste Acceptance: The facility is permitted to receive approximately 6,600 tons per month. Tonnage records were available for review and the facility was accepting, on average over the 2010 record review period, approximately 3,582 tons per month.
 - c. Permit and Operations Plan: Records available.
 - d. Landfill Gas Monitoring: Updated LFG Plan was approved with current PTO (Plan dated February 25, 2011). LFG data for 9/30/10 and 12/29/10 events was reviewed. The data collection was conducted by McGill Associates – no exceedences were noted.
 - e. Leachate Management: Leachate is contained in an on-site leachate pond and hauled to the Maggie Valley WWTP for treatment. February and March 2011 records indicated that, respectively, approximately 204,000 and 540,000 gallons of leachate were pumped and hauled to the WWTP.
 - f. Financial Assurance: facility documented the submittal of FA to the Section on 12/1/10 to D. Herndon (SWS).
 - g. Waste Screening: Waste screening records are maintained at the landfill scalehouse and were available for review (9/10 through 2/11 reviewed).
 - h. Environmental Monitoring: Records were available for review.
2. On site at the White Oak MSWLF. Present during inspection: S. Wilson, M. Shumpert, and A. Keller. Recent heavy rain events occurred between March 6th and 7th with approximately 2.75” of rainfall recorded at the landfill (per M. Shumpert).
3. Roads were functional and in good condition. Windblown fencing was in place and the site was free of excessive windblown materials.



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Repair of side slopes and windblown fencing.

4. The operators were managing a small working face, compaction was ongoing, and daily soil cover appeared adequate (some waste flagging was noted and discussed with M. Shumpert). Repair work to the active face side slopes was underway at the time of the inspection – recent heavy rains had created erosion rills. **It appeared as though the**

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drainage ditches in these regions had received silt run-off from the side slopes and may require further maintenance.

5. Use of fabric tarps as an alternative daily cover is approved by permit condition. **Please note that the ACM demonstration project for use of a soil/mulch ACM expired on October 15, 2010.** No report summarizing the demonstration of the ACM has been received by the Section and the current PTO does not authorize use of soil/mulch as an ACM. For the County to continue forward with plans to utilize any ACM, they must submit in writing (to A. Keller) a request for a new demonstration period.
6. The facility appeared well-managed, traffic flow was controlled with barriers and signs at the active working face. During the inspection a waste-screening was performed at the working face in accordance with the facility Operations Plan. No issues were noted.
7. Asbestos disposal was being managed away from the working face in accordance with Rule and Operations Plan requirements.



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8. Monitoring points were inspected (groundwater, landfill gas, surface water discharge points). All issues regarding the DWQ NPDES General Stormwater Discharge Permit NCG120047 were addressed in the Notice of Violation issued by DWQ (S. Wilson) on April 11, 2011.
9. During the inspection of MW-14 and MW-15 it was noted that a back access road leaves the facility boundary before re-entering (to access MW wells) and becomes a potential access point at this location. The Operational Requirements for MSWLF Facilities [15A NCAC 13B .1626 (6)(a)] requires that the facility *shall be adequately secured by means of gates, chains, berms, fences, and other security measures approved by the Division to prevent unauthorized entry.* **Please address security requirements at this facility access point.**
10. Full separation was apparent at the Phase 3 liner to Phase 2 intermediate slope junction. Standing water in the Phase 3 stormwater collection area was being discharged to a sediment basin. Leachate from the Phase 2 junction routes to the leachate collection pond. No windblown was noted in this area.

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11. The Treatment & Processing area was inspected. It was stated (M. Shumpert) that the facility tries to have an operator available in this region during public drop-off of material to control unacceptable wastes in the Yard Waste piles (land clearing and yard trash). Some plastics were noted in ground material – which is acceptable if this material is to be used as ACM (note item #5 above). The T&P region has a steep slope on the back side – please ensure that managed materials stay within the planned work region. The composting area was observed (type 2). Material was present and appeared to be windrowed. **Please be aware that the Soil Amendment Demonstration period expired on July 9, 2009 and a records review indicated that no certified Demonstration Report has been submitted to the Section and the current PTO does not authorize use of soil amendment from the Type 2 compost area.** For the County to continue forward with plans to utilize any soil amendments, they must submit in writing (to A. Keller) a request for a new demonstration period.
12. A seep was observed on the north side of Phase 1 near the leachate pond. It was identified to M. Shumpert for repair. No leachate was observed leaving the disposal unit at the time of the inspection. Also noted in this region was the encroachment of woody vegetation inside the marked edge-of-waste boundary.



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Please remove all woody vegetation and materials that impede the facility's ability to inspect and maintain cap integrity (briars, etc).

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13. Overall, the facility was in good operating condition from a solid waste management perspective. Prior to arrival on site, M. Pruett (Haywood County Erosion Control) discussed steps the county had taken to control off-site erosion including, but not limited to, pond/cell construction (stilling basins), stabilization of access roads, maintenance of sedimentation basin #4, and vegetation/stabilization of the site. The facility is governed by a sedimentation and erosion control plan issued through the Division of Land Quality. Please ensure that all site activities are in conformance with approved plans.

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



Andrea Keller
Environmental Senior Specialist
Regional Representative

Phone: 828-296-4700.

Mailed on : <u>04/26/11</u> by		hand delivery		US Mail		Certified No.
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ec: Deb Aja, Western District Supervisor
Donald Herndon, Compliance Officer
Susan Wilson, Division of Water Quality
Mark Shumpert, Haywood County
Mark Pruett, Haywood County