



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: HENDERSON PERMIT NO.: 45-02 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
Closed CDLF		Closed CDLF atop Closed MSWLF		Asbestos Disposal Area(s)		Closed Industrial Landfill	<input checked="" type="checkbox"/>	DEMO		SDTF	

Date of Audit: 07/15/10 and 07/23/10 **Date of Previous Site Visit:** 10/16/06.

FACILITY NAME AND ADDRESS:
 Kimberly Clark / Berkley Mills Industrial Landfill
 32 Smythe Avenue
 Hendersonville, NC 28792

GPS COORDINATES: **N:** 35.33959 **E:** -82.46863

FACILITY CONTACT NAME AND PHONE NUMBER:
 Michael Baldwin
 Direct Phone: (828) 697-4018
 Plant Phone: (828) 692-9611
 E-mail: mgbaldwin@kcc.com

AUDIT PARTICIPANTS:
 Andrea Keller – DENR Solid Waste Section
 David Shropshire – Kimberly-Clark Corp.
 Michael Baldwin – Kimberly-Clark Corp.
 Greg Vanden Heuvel – Kimberly-Clark Corp.

STATUS OF PERMIT:
 Permit issued: January 19, 1982
 Closure Letter issued: January 20, 2000

PURPOSE OF AUDIT:
 COMPREHENSIVE

NOTICE OF VIOLATION(S):
 NONE

STATUS OF PAST NOTED VIOLATIONS:
 NONE

AREAS OF CONCERN AND COMMENTS:

July 15, 2010

1. On site inspection of closed landfill (A. Keller and D. Shropshire, ext. 4404).
2. Facility mows the landfill cap region approximately two times a year (spring/fall). Vegetation was well

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established and no evidence of erosion of the cap system was observed. Please continue to ensure that woody vegetation/growth does not become established in the cap system.

3. Edge-of-Waste (EOW) markers were in place at the time of the audit. The access road was well maintained and the access road was gated/locked.
4. It was stated (D. Shropshire) that the industrial waste disposal occurred in an excavated area, and that the slopes extending out from the EOW markers were not part of the landfill cap system.
5. Inspected several site wells (GMW-3, MW-5S, and MW-4S). Closure letter references landfill gas monitoring and an upgraded water quality monitoring plan as follows [based on a January 12, 2000 letter from the Section and closure condition 8(f)]:
 - a. *All monitoring wells (MW1, MW2, MW3, MW4, MW5, MW6, and MW7) shall be field tested for pH, temperature, and specific conductivity;*
 - b. *Monitoring wells MW1, MW4, MW5, MW6, and MW7 shall be tested for Volatile Organic Compounds;*
 - c. Surface water monitoring points are referenced in the Closure Letter, but not noted on the site map;
 - d. Five landfill gas (LFG) monitoring wells are on site (GMW-1 through GMW-5).

July 23, 2010

1. On site for record review with M. Baldwin and G. Vanden Heuvel. Site map (June 2000) was provided.
2. Groundwater monitoring data was reviewed. Data was available for the previous five years, no issues were noted. As the data was not on file with the Section hydrogeologist, please submit the previous two years worth of groundwater data to:

Jaclyne Drummond
Compliance Hydrogeologist
NC Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646
919-508-8500, Fax 919-733-4810
3. LFG data was reviewed for the following wells: GMW-1, GMW-2, GMW-3, GMW-4, GMW-5, MW-2S, MW-3S, MW-4S, and MW-5S. Data for the GWM-4 well indicated methane present. However, the well is not a perimeter well (bounded by GMW-5, which did not indicate any methane migration). Data is collected on a semi-annual basis.
4. In accordance with Rule .0204 and the language cited in the Closure Letter, **the permit is required to be recorded on the property deed.** The facility had put in a request to their central office regarding the documentation/recording of the landfill and will submit documentation to the Section to verify this closure condition.

Please submit this documentation to:

Andrea Keller
Environmental Senior Specialist
NC Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
2090 US Highway 70
Swannanoa, NC 28778
828-296-4700, Fax 828-299-7043

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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>08/31/10</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
Jackie Drummond, Compliance Hydrogeologist