



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Washington PERMIT NO.: 94-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill	X	DEMO		SDTF	

Date of Audit: 14 April 2011

Date of last Audit: 16 March 2010

FACILITY NAME AND ADDRESS:

Domtar Paper Company Landfill
 Ken Trowbridge Road
 Plymouth, North Carolina

GPS COORDINATES: N: 35.84238 E: 76.77731

FACILITY CONTACT NAME AND PHONE NUMBER:

Billy Morris
 252.793.8494

FACILITY CONTACT ADDRESS:

PO Box 747
 Plymouth, NC 27962
bill.morris@n.domtar.com

AUDIT PARTICIPANTS:

Kari Cahoon; Environmental Engineer, Domtar Inc
 Diane Hardison; Environmental Manager, Domtar Inc
 Billy Morris; Environmental Engineer, Domtar Inc

Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; Permit to Operate Landfill 3 Phases 1A, 1B, and 2 issued 22 May 2008, expires 22 May 2013. A complete permit review request including updated facility, operations, and waste screening plans is due on or before 22 January 2013. This application must comply with the rules and regulations in effect at the time of the application. Permit to Construct Landfill 3 Phases 3 and 4 issued 17 November 2010

PURPOSE OF AUDIT:

Comprehensive

NOTICE OF VIOLATION(S):

None; *please see* AREAS OF CONCERN AND COMMENTS section below.

STATUS OF PAST NOTED VIOLATIONS:

None applicable

AREAS OF CONCERN AND COMMENTS:

- 1) This facility is permitted to receive solid waste generated by and on the property of Domtar Paper Company, LLC located off of Ken Trowbridge Road, Plymouth, North Carolina.
- 2) This facility is recorded with the Washington County Register of Deeds at: Book 443; Page 595.
- 3) Proper signage is posted at the facility entrance in accordance with the facility permit requirements.

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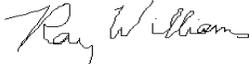
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- 4) The facility groundwater monitoring wells were reviewed; all monitoring wells are easily accessible, secured by locks, and properly labeled.
- 5) Landfill Units I and II have been closed and covered and have a well established cover crop of native grasses.
- 6) The cover crop in Unit I is mowed as needed throughout the growing season.
- 7) Highly visible, permanent edge of waste markers have been installed and are being maintained as required.
- 8) No areas of erosion were noted in the cap system of Landfill Unit 1. However, a wet area measuring approximately 12 square feet was noted at the toe of the bottom lift on the western sideslope. As no areas of impounded surface water were noted in the lifts above this site, this area is suspected to be the result of seepage from underground springs. *Please fill, grade, seed, and mulch this area to establish a cover crop suitable to prevent erosion of your landfill cap system. The repaired area should be graded at a slope not greater than 3:1 and monitored for further seepage.
- 9) This landfill is currently operating in Unit III cells 1b and 2. Unit II Cell 1 has been closed and covered.
- 10) Construction of Cells 3 and 4 was underway during this audit.
- 11) The leachate collection system cleanouts are being well maintained and are visible and accessible. The leachate collection system is scoped and cleaned annually.
- 12) Facility is currently accepting +/-160 tons of waste per day, with approximately 90% of the waste disposed being ash from the paper mill.
- 13) The scrap wood storage/grinding area has been moved to an area adjacent to the active disposal unit within the permitted landfill boundary.
- 14) The waste type was reviewed; no unpermitted wastes were noted during this audit.
- 15) The working face is being maintained in a compact and manageable size.
- 16) Any asbestos received is being covered immediately upon disposal in the asbestos disposal area.
- 17) Wind blown debris is being managed well at this time.
- 18) No windblown debris was observed leaving the facility.
- 19) The current facility permit and operations plan were presented and reviewed during this audit. The Operations Plan needs to be updated to include all operations at the landfill. *Please ensure that the wood storage/grinding area is recorded on your site plan and that all activities are listed in your facility operations plan.
- 20) Copies of all required environmental monitoring reports and facility maintenance logs are being maintained at the Environmental Engineer's office; these reports and logs were presented and in order during this compliance audit.
- 21) The landfill supervisor conducts daily maintenance inspections of the facility and records these inspections in a log which was in order and presented for review.
- 22) Leachate sampling is being conducted semi-annually.
- 23) The leachate inspection log was reviewed and is being performed as required.
- 24) Leachate is collected and treated on-site.
- 25) Surface and groundwater monitoring are being performed semi-annually as required. The most recent monitoring event was conducted on 17 February 2011 by Environment 1, Inc of Greenville, NC.
- 26) Landfill gas monitoring is not required under the current PTO; however, plans are in place for the facility to begin a monitoring protocol in the near future.
- 27) Highly visible edge of liner markers have been installed in the active disposal unit and are being maintained as required.
- 28) The stormwater/sedimentation control ponds were reviewed. All had stable access and were free of wind blown debris. No areas of erosion were noted.
- 29) The closed asbestos unit is secured by a perimeter fence and has signs posted along the perimeter advising of the asbestos hazard.
- 30) The closed asbestos unit has a well established cover crop of native grasses.
- 31) The certified operators for this facility are as follows:
 - Billy Morris: SWANA Certified Landfill Manager; expires 15 June 2013
 - Kari Cahoon: Joyce Engineering Certified NC Landfill Manager; expires 17 March 2014
- 32) Digital photographs were taken during this facility audit; *please see photographs attached below.*
- 33) *Corrective measures are required as a result of this audit.

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



Ray Williams; Environmental Senior Specialist Phone: 910.796.7342 E-mail: ray.williams@ncdenr.gov

Regional Representative

Delivered on : <u>15 April 2011</u> by		Electronic delivery	X	US Mail		Certified No. []
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cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
Donald Herndon; Chief Compliance Officer/SWS: donald.herndon@ncdenr.gov
Wendy McNeil; FRO Administrative Services/SWS: wendy.mcneil@ncdenr.gov

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Groundwater monitoring well locked and labeled with clear access



Closed unit with well established cover crop and stable sideslopes



Active working area in Unit III Cells 1b and 2



Unit III Cell 1a closure; note edge of liner marker



Top of Unit III Cell 1a



Construction of Unit III Cells 3 and 4