



**FACILITY COMPLIANCE AUDIT REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	<b>COUNTY:</b> Washington <b>PERMIT NO.:</b> 94-02 <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF	<b>X</b>	HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Closed Tire Monofill	<b>X</b>	Industrial Landfill		DEMO		SDTF	

**Date of Audit:** 11 February 2011

**Date of Last Audit:** 16 March 2010

**FACILITY NAME AND ADDRESS:**

Washington County MSW Landfill  
 718 Landfill Rd  
 Mackeys, NC 27970

**GPS COORDINATES:** N: 36.91693 E: 76.66715

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Carl Critcher  
 252.793.5615

**FACILITY CONTACT ADDRESS:**

Director; Washington County Landfill  
 PO Box 1007  
 Plymouth, NC 27962  
 E-mail: [ccritcher@washconc.org](mailto:ccritcher@washconc.org)

**AUDIT PARTICIPANTS:**

Carl Critcher; Washington County Solid Waste  
 Ray Williams; DENR-Solid Waste

**STATUS OF PERMIT:**

Closed

**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 a closed Scrap Tire Monofill and a closed Municipal Solid Waste Landfill.
- 2) This facility is secured by means of a gate at the facility entrance.
- 3) Groundwater monitoring reports are maintained at the Solid Waste Director's office and were in order and presented for review during this audit.
- 4) The most recent monitoring event was conducted by Richardson, Smith, Gardner, & Associates on 1 September 2010.

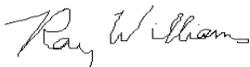
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- 5) Methane monitoring results are maintained in a log at the Solid Waste Supervisor's office; the log was in order and presented for review during this audit.
- 6) This facility is mowed quarterly. The most recent mowing event was conducted in October of 2010.
- 7) A firing range berm is being constructed off of, and perpendicular to, the landfill's southern sideslope. \*Please ensure that sedimentation and erosion control measures are maintained during this project.
- 8) Overall, vegetative cover is well established over the entire closed landfill and no bare areas were noted during this audit.
- 9) There were two areas of erosion noted on the southern sideslope. The first, approximately one third down the sideslope from the southeast corner, and the second, just past the newly constructed firing range berm. \*To protect the integrity of your landfill cap system, please fill, grade, seed, and mulch these areas to establish a groundcover suitable to prevent erosion and to promote positive, controlled drainage of all surface waters from the landfill.
- 10) A third area of erosion was noted on the western sideslope approximately forty yards from the southwest corner of the landfill. \*To protect the integrity of your landfill cap system, please fill, grade, seed, and mulch this area to establish a groundcover suitable to prevent erosion and to promote positive, controlled drainage of all surface waters from the landfill.
- 11) The groundwater monitoring wells were observed during this audit. All wells were readily accessible, painted with high visibility paint, properly labeled, and secured with functional locks.
- 12) Several areas of settlement across the surface of the landfill were noted as retaining water. \*Please fill and grade these areas to ensure positive drainage of surface waters from the landfill and to ensure the integrity of the cap system.
- 13) Edge of waste markers have been installed and are being maintained along the toe of the landfill sideslopes.
- 14) Most of the inert debris stored on-site has been re-used in the construction of the shooting range berm. The remaining material has been pushed up into one compact pile. \*Please process and reuse the remaining material or dispose of it in the active C&D landfill unit.
- 15) It is strongly recommended that construction and maintenance equipment be kept off of the landfill as much as possible during wet times and that the access road be monitored and maintained for erosion control.
- 16) Digital photographs were taken during this audit; *please see photographs attached below.*
- 17) **\*Corrective actions are needed as a result of this Audit.**

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>14 February 2011</u> by		Electronic delivery	<b>X</b>	US Mail	Certified No. [ ]
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Eroded area on the southern sideslope in need of repair



Monitoring well; labeled, accessible, highly visible, secured



Edge of waste marker installed and maintained



Eroded area on western sideslope



Area of settlement, ponding water on landfill surface