



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

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Craven PERMIT NO.: 25-03 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Audit:** 13 May 2011

**Date of Last Audit:** 21 April 2011

**FACILITY NAME AND ADDRESS:**

Craven County Landfill  
 7400 Old Highway 70  
 New Bern, NC

**GPS COORDINATES:** **N:** 35.17067 **E:** 77.22744

**FACILITY CONTACT NAME AND PHONE NUMBER:**

S Rusty Cotton; Director  
 Craven County Solid Waste & Recycling  
 252.636.6659

**FACILITY CONTACT ADDRESS:**

406 Craven Street  
 New Bern, NC 28560  
 E-mail: [rcotton@cravencountync.gov](mailto:rcotton@cravencountync.gov)

**AUDIT PARTICIPANTS:**

Ray Williams; DENR-Solid Waste

**STATUS OF PERMIT:**

Closed: Unlined MSW Landfill

**PURPOSE OF AUDIT:**

Partial; follow up audit to review corrective measures taken in response to 25-03, 032111NOV

**NOTICE OF VIOLATION(S):**

None; *please see* STATUS OF PAST NOTED VIOLATIONS and AREAS OF CONCERN AND COMMENTS sections below.

**STATUS OF PAST NOTED VIOLATIONS:**

- 1) **15A NCAC 13B .0505 OPERATIONAL REQUIREMENTS FOR SANITARY LANDFILLS (5)(b)**  
 Surface water shall not be impounded over or in waste. **Resolved.** The areas noted as impounding surface waters have been filled and graded. No ponding of surface water was noted during this audit.
- 2) **15A NCAC 13B .0505 OPERATIONAL REQUIREMENTS FOR SANITARY LANDFILLS (7)(c)**  
 Leachate shall be contained on-site or properly treated prior to discharge. **Resolved.** The landfill cap has been repaired in the areas along the eastern sideslope and no leachate was noted seeping from these areas.
- 3) **15NCAC 13B .1627 CLOSURE AND POST-CLOSURE REQUIREMENTS FOR MSWLF FACILITIES (d)(1)(A)** Maintaining the integrity and effectiveness of any cap system, including making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other elements, and preventing run-on and run-off from eroding or otherwise damaging the cap system. **Unresolved.** The repaired areas have yet to be seeded and mulched to establish a groundcover suitable to prevent erosion of your landfill cap system.

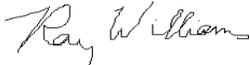
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**AREAS OF CONCERN AND COMMENTS:**

- 1) This facility is a closed MSW Landfill.
- 2) The site is secured by a locked gate at the facility entrance.
- 3) The facility access road is of all weather construction and is being well maintained at this time.
- 4) This facility is mowed annually with the mowing event usually occurring in the fall of the year.
- 5) This facility manages landfill gas through a passive venting system.
- 6) Edge-of-waste markers have been installed and are being maintained at the facility.
- 7) Several of the repaired areas appear to have begun to seep leachate. \*Please monitor these areas and continue repair actions as needed to prevent the release of leachate from this facility.
- 8) An eroded area was noted at the toe of the north sideslope. \*Please repair this area to prevent uncontrolled runoff of surface waters from further damaging your landfill cap system.
- 9) Overall this facility has a well established and maintained cover crop of native warm season grasses. However, several small areas along the western sideslope were noted as having sparse cover with the potential of allowing erosion of the landfill cap system. \*Please ensure that these areas are graded, seeded, and mulched to establish a cover crop suitable to prevent erosion and that the cover is maintained to protect the integrity of your landfill cap system.
- 10) \*There are areas of continuing settlement throughout the landfill that will require further maintenance to provide positive drainage of surface waters from the landfill cap system.
- 11) Soil has been stockpiled along the western sideslope for continued work in filling and grading areas of settlement.
- 12) \*Please continue working to establish a groundcover suitable to prevent erosion of the landfill cap system in the previously repaired areas along the western sideslope and in the repaired areas on the eastern sideslope.
- 13) Digital photographs were taken during this audit; *please see photographs attached below.*
- 14) \*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](mailto:ray.williams@ncdenr.gov)

***Regional Representative***

<b>Delivered on : <u>16 May 2011</u> by</b>		Electronic delivery	<b>X</b>	US Mail	<b>X</b>	Certified No. <input type="checkbox"/>
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cc: Dennis E Shackelford; Eastern District Supervisor/SWS: [dennis.shackelford@ncdenr.gov](mailto:dennis.shackelford@ncdenr.gov)  
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Areas of continued leachate seepage (note dark sections of cover soil)



Leachate seeps in repaired sections



Washout at toe of northern sideslope



Facility access road and overall well established cover crop