

**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> Craven <b>PERMIT NO.:</b> 25-03 <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF	<b>X</b>	HHW		White goods		Incin		T&P		FIRM	
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Audit:** 21 March 2011

**Date of Last Audit:** 1 February 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:**

S Rusty Cotton; Craven County Solid Waste  
 Ray Williams; DENR-Solid Waste

**STATUS OF PERMIT:**

Closed: Unlined MSW Landfill

**PURPOSE OF AUDIT:**

Annual Comprehensive

**NOTICE OF VIOLATION(S):**

- 1) **15A NCAC 13B .0505 OPERATIONAL REQUIREMENTS FOR SANITARY LANDFILLS (5)(b)**  
 Surface water shall not be impounded over or in waste.
- 2) **15A NCAC 13B .0505 OPERATIONAL REQUIREMENTS FOR SANITARY LANDFILLS (7)(c)**  
 Leachate shall be contained on-site or properly treated prior to discharge.
- 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.

**You are in violation in that:**

- Surface water has been impounded on the landfill cap.
- Leachate has seeped from the eastern sideslope of the landfill into the stormwater/sedimentation control basin.

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-The landfill cap system has not been sufficiently maintained to promote positive drainage of surface waters from the surface of the landfill and to prevent run-off from damaging the landfill cap system.

**Within 30 days of receipt of this notice:**

-Repair the landfill cap in the areas along the eastern sideslope to prevent the further release of leachate from the landfill. All repaired areas should be graded at a slope not greater than 3:1, seeded, and mulched to establish a groundcover suitable to prevent erosion of the landfill cap system.

-Fill and grade the areas found to be impounding surface waters to promote positive drainage of surface waters from the landfill. All filled and graded areas should be graded at a slope not greater than 3:1, seeded, and mulched to establish a groundcover suitable to prevent erosion of the landfill cap system.

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**STATUS OF PAST NOTED VIOLATIONS:**

None applicable

**AREAS OF CONCERN AND COMMENTS:**

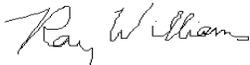
- 1) This facility is a closed MSW Landfill.
- 2) The site is secured by a locked gate at the facility entrance.
- 3) The facility access road is of all weather construction and is being well maintained at this time.
- 4) This facility is mowed annually with the mowing event usually occurring in the fall of the year.
- 5) All required environmental monitoring reports and are being maintained at the Solid Waste Director's office; these reports were presented and in order during this compliance audit.
- 6) The most recent ground and surface water monitoring event was conducted on 5 November 2010 by Environment 1 in Greenville, NC.
- 7) Facility monitoring wells were reviewed during this audit. All of the wells are easily accessible and secured by locks. \*Please ensure that all monitoring wells are properly labeled with permanent tags affixed to the well housing.
- 8) Edge-of-waste markers have been installed and are being maintained at the facility.
- 9) Overall the cover crop has been well established and maintained on the landfill sideslopes. 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) Leachate was noted as seeping from the eastern sideslope of the landfill into the stormwater/sedimentation control basin. \*Please see the conditions for compliance listed in the NOTICE OF VIOLATION(S) section of this audit report.
- 11) \*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. Several of these areas were noted as impounding surface waters.
- 12) A leachate seep was noted on the surface of the landfill on the eastern side of the lower lift approximately 100 yards from the toe of the upper lift. This seep was not noted as leaving the facility. \*Please repair the cap in this area with a soil suitable to prevent the release of leachate. The repaired area should be graded at a slope not greater than 3:1, seeded, and mulched to establish a groundcover suitable to prevent erosion of the landfill cap system.
- 13) \*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.
- 14) Digital photographs were taken during this audit; *please see photographs attached below.*
- 15) \*Corrective actions are needed 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](mailto:ray.williams@ncdenr.gov)

***Regional Representative***

<b>Delivered on : <u>22 March 2011</u> by</b>		Electronic delivery		US Mail	X	Certified No. [ <u>7009 1410 0000 9448 6667</u> ]
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cc: Linda Culpepper; Deputy Director/DWM: [linda.culpepper@ncdenr.gov](mailto:linda.culpepper@ncdenr.gov)  
Dennis E Shackelford; Eastern District Supervisor/SWS: [dennis.shackelford@ncdenr.gov](mailto:dennis.shackelford@ncdenr.gov)  
Donald Herndon; Chief Compliance Officer/SWS: [donald.herndon@ncdenr.gov](mailto:donald.herndon@ncdenr.gov)  
Wendy McNeil; FRO Administrative Services/SWS: [wendy.mcneil@ncdenr.gov](mailto:wendy.mcneil@ncdenr.gov)

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Area of sparse cover needing seeding and mulching



Area impounding water needing fill, grading, seeding



Leachate seep on eastern side of lower lift



Leachate seep on eastern sideslope



Leachate seep on eastern sideslope-note seep flow to stormwater/sedimentation control basin