

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Carteret PERMIT NO.: 16-02 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: 15 March 2011

FACILITY NAME AND ADDRESS:

Carteret County Closed MSW Landfill
 Landfill Road
 Newport, NC

GPS COORDINATES: **N:** 34.76177 **E:** 076.89540

FACILITY CONTACT NAME AND TELEPHONE NUMBER:

Bill Zaist
 252.728.8406

FACILITY CONTACT ADDRESS:

Carteret County
 Engineering Department
 Courthouse Square
 Beaufort, NC 28516

Attn: Bill Zaist
 E-mail: billz@carteretcountygov.org

AUDIT PARTICIPANTS:

Ray Williams; NCDENR-Solid Waste

STATUS OF PERMIT:

Closed MSWLF under Subtitle D

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:

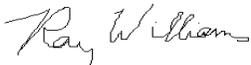
- 1) This facility is a closed MSW Landfill.
- 2) This facility is mowed three times per year.
- 3) The site is secured by a locked cable at the facility entrance.
- 4) The facility access road is of all weather construction and is being well maintained at this time.

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- 5) Facility monitoring wells were reviewed during this audit. All of the wells are easily accessible and secured by locks. None of the wells were observed to be properly labeled. *Please ensure that all wells are properly labeled with metal tags permanently affixed to each well.
- 6) Highly visible edge-of-waste markers have been installed and are being maintained throughout the facility.
- 7) Overall, the landfill has a well established and maintained cover crop of native warm season grasses.
- 8) Areas of erosion were noted at various places throughout the landfill sideslopes. Overall, the erosion was minor however, if left unaddressed, serious erosion could result. *Within thirty days of receipt of this audit report, please repair these eroded areas by grading, seeding, and mulching to establish a groundcover suitable to prevent erosion of you landfill cap system. All repaired areas should be graded at a slope not greater than 3:1.
- 9) An area of significant erosion was noted approximately 100 yards down the southeast sideslope. The area measured approximately 24 square feet and was located near the top of the lower lift. A small amount construction and demolition waste has been exposed in this area. *Within thirty days of receipt of this audit report, please repair these eroded areas by grading, seeding, and mulching to establish a groundcover suitable to prevent erosion of you landfill cap system. All repaired areas should be graded at a slope not greater than 3:1.
- 10) Trees and other woody vegetation have been allowed to grow on the southwest and northeast sideslopes. *Please remove all trees and woody growth from the landfill. Grade all the cleared areas at a slope not greater than 3:1, seed, and mulch to establish a groundcover suitable to prevent erosion of the landfill cap system.
- 11) The surface water drainage ditch that runs along the northeastern perimeter of the landfill needs to be cleared of brush and woody vegetation to provide for more positive drainage of surface waters from the facility.
- 12) Soil is being stockpiled at the landfill for use in filling and grading areas of settlement throughout the landfill.
- 13) All required environmental monitoring reports are being maintained at the Carteret County Engineer's office; these reports were presented and in order during this compliance audit.
- 14) Surface water and groundwater sampling was most recently conducted on 5 October 2010, by Environment 1 of Greenville, NC.
- 15) The Croatan National Forest property surrounding the landfill has recently been control burned. A small amount of the landfill cover crop was unintentionally burned at this time. *It is recommended that a permanent firebreak be maintained around this facility to reduce the possibility of fire at the landfill being caused by future control burn events conduct by the US Forest Service or by wildfire.
- 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>16 March 2011</u> by		Electronic delivery	X	US Mail		Certified No. []
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Overall healthy cover crop, stable access



Accessible monitoring well, locked, unmarked tag



Exposed C&D waste on southeast sideslope



Erosion of cap on facility sideslope



Trees and woody brush on the southwest and northeast sideslopes-note USFS control burn affecting southwest sideslope