



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Dare PERMIT NO.: 28-03 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incin		T&P		FIRM	
CDLF	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 6 January 2011

Date of Last Audit: 3 August 2010

FACILITY NAME AND ADDRESS:

Dare County C & D Landfill
 1603 Cub Road
 Manns Harbor, NC 27953

GPS COORDINATES: **N:** 35.83498 **E:** 75.82002

FACILITY CONTACT NAME AND PHONE NUMBER:

Edward L Mann
 252.475.5888

FACILITY CONTACT ADDRESS:

Director
 Dare County Department of Public Works
 PO Box 1000
 Manteo, NC 27954
 E-mail: edwardlee@darenc.com

AUDIT PARTICIPANTS:

Edward L Mann; Dare County Public Works
 Barry Cahoon; Dare County Landfill Supervisor

Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; PTO Cell 3 issued 30 November 2006, expires 30 November 2011. A complete permit review request including updated facility, operations, and waste screening plans is due on or before 30 July 2011. This application must comply with the rules and regulations in effect at the time of the application.

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

None: see STATUS OF PAST NOTED VIOLATIONS and AREAS OF CONCERN AND COMMENTS sections below.

STATUS OF PAST NOTED VIOLATIONS:

- 1) 15NCAC 13B .0542 OPERATION PLAN AND REQUIREMENTS FOR C&DLF FACILITIES** (a) The owner or operator of a C&DLF unit must maintain and operate the facility in accordance with the operation plan prepared in accordance with this rule...
 Section 9 (a) of your approved Facility Operations plan states that: "A responsible individual certified in landfill operations shall be on-site at all times during operating hours of the facility at all times while open for

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

28-03, 010611RES

Page 2 of 4

public use to ensure compliance with operational requirements.” **(RESOLVED)** There are currently three staff members on site Certified by the Solid Waste Association of North America as Landfill Operations Specialists.

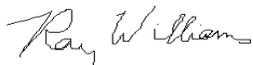
AREAS OF CONCERN AND COMMENTS:

- 1) This facility is permitted to receive Construction and Demolition (C&D) waste, inert debris, land-clearing debris, asphalt, and scrap tires generated in Dare County.
- 2) This facility is currently operating in cell 3.
- 3) The facility is secured by means of a locked gate at the facility entrance.
- 4) The hours of operation are Monday through Friday 7:00 AM to 5:00 PM and Saturday 7:00 AM to 12:00 PM. Three Holidays are observed: New Year’s Day, Thanksgiving Day, and Christmas Day.
- 5) Proper signage including the facility permit number, accepted waste types, banned or excluded items, hours of operation, and the emergency contact number is posted at the facility entrance.
- 6) The facility access road is of all weather construction and is being maintained in good condition.
- 7) The facility permit and operations plan was reviewed during this audit. *A copy of the facility contingency plan including emergency contact information needs to be prominently posted in an area readily accessible by facility personnel.
- 8) This facility is currently receiving +/- 35 tons of waste per day.
- 9) This Facility screens all incoming loads of waste; two random waste screenings are being recorded each day.
- 10) Waste screening records were in order and presented for review.
- 11) A waste screening was performed during this audit; no unpermitted wastes were found in the screened load.
- 12) The certified operators are as follows:
 - Glenn C Bailey: Certified Landfill Operations Specialist; expires 19 October 2013
 - Barry Cahoon: Certified Landfill Operations; expires 19 October 2013
 - Clyde E Gard: Certified Landfill Operations Specialist; expires 19 October 2013
- 13) Safety training is conducted quarterly by the Dare County Human Resources Department in Manteo.
- 14) Weekly safety meetings are conducted at the facility by the site safety representative.
- 15) Water quality monitoring reports were reviewed during this audit. As per the Landfill Supervisor, the most recent monitoring event took place in November 2010; however, the most recent records on file are from the 26 August 2010 event.
- 16) Any asbestos received by the facility is disposed in an active area separate from the working face and is covered immediately upon receipt. Asbestos manifests were in order and presented for review during this audit.
- 17) This facility will no longer dispose of scrap tires. In the future, a trailer for direct haul to a scrap tire management facility will be maintained at the site.
- 18) The facility groundwater monitoring wells were observed during this audit. All wells were marked and secured with functional locks with the exceptions of well #1 which was missing its lock, and well #2 which needs to have its cap repaired. *Please ensure that all wells have functional lids with locks installed for security.
- 19) Permanent Edge of Waste Markers are in place and are being maintained as required.
- 20) *Cells one and two need to be mowed as soon as practicable to remove the woody vegetation that has been allowed to grow in the cap. As per the Public Works Director, due to an unexpected shortage in personnel the mowing scheduled for late November was delayed and is currently scheduled for these areas in late January and early February of this year.
- 21) The working face was compact and is being covered with six inches of soil when it reaches ½ acre in size.
- 22) The landfill cover log was presented for review and in order.
- 23) No unpermitted wastes were noted in the disposal area.
- 24) All recyclable metals and white goods are screened from incoming waste, removed from the working face, and transported to the white goods/metal recycling area daily.
- 25) Wind blown debris is being well managed at this time.
- 26) The sedimentation and erosion control measures were reviewed and appear to be functioning properly at this time.
- 27) The white goods/metal recycling area is being well managed at this time.
- 28) Digital photographs were taken during this facility audit. Please see photographs attached below.
- 29) *Corrective actions are required as a result of this audit.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

28-03, 010611RES
Page 3 of 4

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>10 January 2011</u> by		Electronic delivery		US Mail	X	Certified No. <input type="checkbox"/>
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cc: Mark Poindexter; Field Operations Branch Head/SWS: mark.poindexter@ncdenr.gov
Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
Donald Herndon; Chief Compliance Officer/SWS: donald.herndon@ncdenr.gov
Clyde E Gard; Dare County Assistant Public Works Director: clydeg@darenc.com
Wendy McNeil; FRO Administrative Services/SWS: wendy.mcneil@ncdenr.gov

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FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

28-03, 010611RES
Page 4 of 4



Recyclable metals screened from waste stream



Compact working face



Recently covered and graded sideslopes



Soil stockpile for cover on backside of working face



Groundwater monitoring well #1 needing lock installed