



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	
CDFL	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 6 April 2011

Date of Last Audit: 6 January 2011

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
 252.475.5880

FACILITY CONTACT ADDRESS:

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

AUDIT PARTICIPANTS:

Clyde E Gard; Dare County Public Works
 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: *please see* AREAS OF CONCERN AND COMMENTS sections below.

STATUS OF PAST NOTED VIOLATIONS:

None applicable

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.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

28-03, 040611

Page 2 of 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 overall 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 has been prominently posted in an area readily accessible by facility personnel.
- 8) This facility is currently receiving +/- 50 tons of waste per day.
- 9) This Facility screens all incoming loads of waste; two random waste screenings are currently being recorded per week.
- 10) Waste screening records were in order and presented for review.
- 11) A waste screening was performed at the working face during this audit; no unpermitted wastes were found in the screened load.
- 12) Roll off containers are maintained in an area adjacent to the working face, outside of the disposal unit for white goods and other recyclable metals and for unpermitted waste types.
- 13) 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
- 14) Safety training is conducted quarterly by the Dare County Human Resources Department in Manteo.
- 15) Weekly safety meetings are conducted at the facility by the site safety representative.
- 16) Water quality monitoring reports were reviewed during this audit. The most recent record on file was from the fall 2010 monitoring event conducted by Environment 1, Inc. of Greenville, NC. As per the Assistant Public Utilities Director, the most recent sampling event was conducted in February 2011; however, the report was not available for review during this audit.
- 17) Methane monitoring is being conducted weekly. All results are being recorded in a log which is maintained in the landfill office. This log was in order and presented for review during this audit. No detections of methane were noted at any of the sample points.
- 18) This facility requires 24 hour advance notice for the disposal of asbestos containing materials. All asbestos containing waste 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.
- 19) 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.
- 20) The facility groundwater monitoring wells were observed during this audit. All wells were marked and secured with functional locks with the exceptions of wells #1 and #9 which were missing their locks. Well #2 could not be inspected due to standing water from a recent rain event. *Please ensure that all wells have functional lids with locks installed for security.
- 21) Permanent Edge of Waste Markers are in place and are being maintained as required.
- 22) Cells one and two have been mowed and all woody vegetation has been cut and piled at the tow of each cell. These piles will be removed and properly disposed when the weather allows.
- 23) The working face was compact and is being covered with six inches of soil when it reaches ½ acre in size.
- 24) The landfill cover log was presented for review and in order.
- 25) The waste type in the landfill was reviewed; no unpermitted wastes were noted at the working face during this audit.
- 26) 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.
- 27) Wind blown debris is being well managed at this time.
- 28) The sedimentation and erosion control measures were reviewed and appear to be functioning properly at this time.
- 29) The white goods/metal recycling area is being well managed at this time.

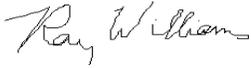
FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

28-03, 040611

Page 3 of 3

- 30) Digital photographs were taken during this facility audit. Please see photographs attached below.
- 31) *Corrective actions are required 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>11 April 2011</u> by		Electronic delivery		US Mail	X	Certified No. <input type="checkbox"/>
--	--	---------------------	--	---------	---	--

cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
Donald Herndon; Chief Compliance Officer/SWS: donald.herndon@ncdenr.gov
Wendy McNeil; FRO Administrative Services/SWS: wendy.mcneil@ncdenr.gov

S: SWS\2011\Dare\Facilities\28-03\Audits\28-03, 040611



Cell #2, note cleared brush and woody vegetation



Soil cover in recently closed disposal area



Compact working face, no unpermitted waste types noted



GW monitoring well #9 needing lock