



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		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: 8 October 2009

Date of Last Audit: 20 December 2007

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; Dir. Dare County Public Works
 Clyde E Gard; Asst. Dir. Dare County Public Works
 Barry Cahoon; Landfill Supervisor
 Dennis E Shackelford; DENR-Solid Waste
 Wes Hare; DENR-Solid Waste

Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; PTO Cell 3a issued 17 March 2006 (Permit is subject to review on or before 17 March 2011)

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

None; see comments below.

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:

N/A

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 2

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 3a.
- 3) The facility is secured by means of a locked gate at the facility entrance.
- 4) Proper signage is posted at the facility entrance in accordance with the facility permit requirements.
- 5) The facility access road is of all weather construction and is being maintained in good condition.
- 6) The facility permit was reviewed during this audit. *A complete copy of the facility operations plan needs to be maintained at the facility and a copy of the facility contingency plan including emergency contact information needs to be prominently posted in an area readily accessible by facility personnel.
- 7) This facility is currently receiving +/- 40 tons of waste per day.
- 8) Waste screening records were in order and presented for review; two random waste screenings are being performed daily.
- 9) The certified operators are as follows:
 - Clyde E Gard: Certified Landfill Operations Specialist; expires 13 December 2009
 - Barry Cahoon: Certified Landfill Operations Specialist; expires 13 June 2010
 - Glenn C Bailey: Certified Landfill Operations Specialist; expires 1 May 2010
 - Larry Equils: Certified Landfill Operations Specialist; expires 13 June 2010
- 10) Safety training is conducted quarterly by the Dare County Human Resources Department in Manteo.
- 11) Weekly safety meetings are conducted at the facility by the site safety representative.
- 12) Water quality monitoring reports were reviewed during this audit. *Please maintain, at a minimum, reports from the three most recent monitoring events at the facility office for review.
- 13) Any asbestos received by the facility is disposed in an area separate from the working face and is covered immediately upon receipt. Asbestos manifests were in order and presented for review during this audit.
- 14) The landfill supervisor indicated that the working face is being covered with soil one to two times per week. *A log needs to be maintained at the facility office documenting the date and time of placement of cover.
- 15) The facility groundwater monitoring wells were observed during this audit. *Several of the wells were found to be without locks and none of them were labeled. Please ensure that all monitoring wells are properly labeled and secured with locks.
- 16) No permanent Edge of Waste Markers have been installed, facility staff have been advised that permanent markers need to be installed by 1 January 2010.
- 17) *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. For proper maintenance of the facility cap, a regular maintenance schedule which includes mowing the facility on at least an annual needs to be established.
- 18) Equipment was present at the toe of the active cell for the grinding of waste. *No grinding activities should be performed until a modification to your Operations Plan has been approved for such activities and the grinding area noted on your site plan. Please contact Ms Donna Wilson in the Solid Waste Section Permitting Branch to address needed modifications.
- 19) Exposed waste was noted on the side slopes of the active cell. Care should be taken to ensure that all waste is covered with a minimum of six inches of soil at least once per week. *Any area that will not be receiving additional waste for twelve months or more but where final termination of operations has not occurred needs to be covered with a minimum of twelve inches of soil and stabilized with vegetative cover suitable to prevent erosion. Seeding operations need to be underway within 30 days after the cover and grading activities are completed.
- 20) The facility was noted as having approximately ½ acre of exposed waste. *Care should be taken to ensure that all waste is covered with a minimum of six inches of soil when the active disposal area reaches ½ acre in size.
- 21) Several articles classified as white goods were noted in the waste on the active working face. *Care should be taken to ensure that all unpermitted wastes are screened from the disposal area as they are discovered. All white goods should be managed at the White Goods Management Area of the landfill facility and properly managed until the Freon is removed.
- 22) Wind blown debris is being well managed at this time.

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 3

- 23) The sedimentation and erosion control measures were reviewed and appear to be functioning properly at this time. The operator was advised as to the requirements of the Division of Water Quality NPDES permit.
- 24) The white goods/metal recycling area is in need of immediate attention.

*Please ensure that:

- All Freon containing white goods are placed and maintained in an upright condition until the Freon is properly collected or until the appliance is removed from the facility.
- All materials collected for recycling are deposited on-site and maintained in an orderly fashion.
- All waste contaminated materials, i.e. painted concrete, concrete with tile or mastic, C&D waste contaminated loads of brick or concrete, etc. are disposed of in the C&D landfill.
- All metal should be removed from your concrete recycling pile.
- *This element of your operation needs to be improved. The installation of a concrete pad should be pursued. For white goods grant assistance, please contact Bill Patrakis, Solid Waste Section.

25) Digital photographs were taken during this facility audit.

26) 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.

Regional Representative

Delivered on : <u>16 October 2009</u> by	X	Electronic delivery		US Mail		Certified No. []
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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

S: SWS\2009\Inspections\Dare\28-03\28-03, 100809

Photographs attached below



Exposed waste noted at the toe of the western sideslope



Exposed waste noted at the toe of the western sideslope

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 6 of 6



Exposed waste noted on the eastern sideslope

FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Page 7 of 7



Working face; needs cover when reaching ½ acre in size



White goods disposed at the working face



White goods disposed at the working face