FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer	X	Compost		SLAS	
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

COUNTY: Dare
PERMIT NO.: 28-05T
FILE TYPE: COMPLIANCE

Date of Audit: 6 April 2011 **Date of Last Audit:** 6 January 2011

FACILITY NAME AND ADDRESS:
Dare County Transfer Station
1603 Cub Road
Manns Harbor, NC 27953

GPS COORDINATES: **N**: 35.83155 **E**: 75.81723

FACILITY CONTACT NAME AND PHONE NUMBER:
Edward L Mann; Director, Dare County Public Works
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; Permit to Operate issued 18 December 2006, expires 18 December 2011. A complete permit review request including updated facility, operations, and waste screening plans is due on or before 18 August 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 section below.

STATUS OF PAST NOTED VIOLATIONS:
None applicable

AREAS OF CONCERN AND COMMENTS:
1) This facility is permitted to receive Municipal Solid Waste generated in Dare, Hyde, and Tyrrell Counties.
2) This facility transfers all Municipal Solid Waste to the East Carolina Environmental Regional MSW Landfill, permit #08-03 in Bertie County.
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 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.

6) The facility access road is of all weather construction and is being maintained in overall good condition.
7) This facility is currently receiving +/- 110 tons of waste per day.
8) This facility does not accept asbestos containing wastes.
9) The facility permit, operations, and contingency plans were complete and presented for review during this audit.
10) A copy of the facility contingency plan including emergency contact information is prominently posted in the transfer station break room in an area readily accessible by all facility personnel.
11) This Facility screens all incoming loads of waste; one to two random waste screenings are being recorded each week. Waste screening records were in order and presented for review.
12) A waste screening was performed on a commercial load of mixed MSW waste during this audit; no unpermitted wastes were found in the screened load.
13) The certified operators are as follows:
    Robert Edward Page: Certified Transfer Station Operations Specialist; expires 6 December 2013
    Mitchell R Spencer: Certified Transfer Station Operations Specialist; expires 14 April 2012
14) Monthly safety meetings are conducted at the facility by the site safety representative.
15) The tipping floor is cleaned and washed down daily.*<u>Please ensure the tipping floor is thoroughly cleaned to maintain this facility in a sanitary operating condition.</u>
16) The tipping floor is showing signs of excessive wear. *<u>Plans need to be underway to repair and/or resurface these areas.</u>
17) The push walls and facility walls are pressured washed bi-monthly.
18) There are eight fire extinguishers; one in the office, four in the transfer station, and one in each loader, and five hose bibs maintained at the facility for fire control. The transfer station fire extinguishers had been used just prior to this facility inspection to put out a small fire started by maintenance personnel doing repairs to the loading bay hoppers. *<u>Please ensure that these fire extinguishers are recharged or replaced as soon as possible.</u>
19) The access area behind the push walls is cleaned of overflow waste daily.
20) The metal loading hoppers were being repaired during this audit.
21) The trailer loading area is cleaned of any waste overflow as trailers are removed from the bays for transfer and at the end of the workday.
22) Leachate is collected on-site in above ground storage tanks and is pumped down and hauled to the Elizabeth City Wastewater Treatment Plant as needed. Overall, leachate and the leachate collection system appear to be well managed at this time; however, the leachate drain in the tipping floor needs to be cleaned to ensure adequate drainage and flow of leachate to the storage system is maintained. *<u>To ensure adequate drainage and proper collection of leachate, please clean out the tipping floor leachate drain and ensure this drain remains clear of debris.</u>
23) This facility maintains an adequate number of trailers on site to properly manage the volume of waste received during operating hours.
24) Methane monitoring is being conducted weekly. All monitoring 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.
25) Although no wind blown debris was noted as leaving the site, there was a higher amount of windblown debris present than would be expected from a facility policing its windblown debris daily. *<u>Please ensure that all windblown debris is collected and properly disposed at the end of each workday. A work crew was on-site collecting windblown debris during this audit.</u>
26) Access around the facility is stable and no areas of erosion were noted during this audit; however, areas of sparse cover were noted on the eastern sideslope. *<u>Please grade, seed, and mulch these areas to establish a groundcover suitable to prevent erosion and maintain the stability of your facility sideslopes.</u>
27) White goods are removed to the Dare County C&D Landfill, permit #28-03, White Goods Management Area.
28) Scrap tires are not received at this facility.
29) Recyclable materials and unacceptable waste streams are removed from the facility daily.
30) Waste received at the facility is loaded into the transport trailers in a timely manner.
31) Digital photographs were taken during this facility audit; *please see photographs attached below*.

32) *Corrective measures 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 : 11 April 2011 **by**		Electronic delivery	**X**	US Mail		Certified No. [ ]

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Wind blown debris needing better policing

Area of sparse cover on eastern sideslope in need of repair

Worn area of tipping floor in need of repair

Maintenance crew repairing loading bay hopper/push walls