



FACILITY COMPLIANCE INSPECTION 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	Incineration		T&P		FIRM		
CDFL	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: 23 April 2013

Date of Last Inspection: 3 December 2012

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; 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

PARTICIPANTS:

Clyde Gard; Dare County Public Works
 Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; Permit to Operate (PTO) Cell 4 issued 13 April 2011, expires 28 November 2016. A complete permit review request including all updated facility, operations, and waste screening plans is due on or before 28 July 2016. This application must comply with the rules and regulations in effect at the time of the application.

PURPOSE OF SITE VISIT:

Comprehensive Facility Compliance Inspection

STATUS OF PAST NOTED VIOLATIONS:

None applicable

OBSERVED VIOLATIONS:

None

ADDITIONAL 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 4.
- 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) This Facility is currently receiving +/- 65 tons of waste per day for disposal.
- 8) This Facility screens all incoming loads of waste; two random waste screenings are currently being recorded per week.
- 9) 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

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

2803-20130423INSP

Page 2 of 3

Clyde E Gard: Certified Landfill Operations Specialist; expires 19 October 2013

- 10) 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 Facility Compliance Site Visit.
- 11) Explosive gas monitoring is being conducted quarterly by CDM Smith of Raleigh, NC.
- 12) Groundwater and surfacewater monitoring are being conducted as required with the monitoring results maintained in a file in the scalehouse. The most recent monitoring report containing all analytical results on file was from the August 2012 monitoring event conducted by Environment One Inc, of Greenville, NC. This report was prepared on behalf of Dare County by CDM Smith of Raleigh, NC.
- 13) Permanent Edge of Waste markers are in place and are being maintained as required.
- 14) The waste type in the landfill was reviewed; no unpermitted wastes were noted at the working face during this Facility Compliance Inspection.
- 15) 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.
- 16) The total area of exposed waste appeared to be approaching 1acre in size. *Please ensure that the working face is covered weekly or when it reaches ½ acre in size, whichever occurs first.
- 17) The working face is being covered weekly.
- 18) Soil is stockpiled adjacent to the active working face for use as cover.
- 19) Vegetative waste is staged in an area adjacent to Cell 4 for future grinding and removal from the site for use as boiler fuel.
- 20) Windblown debris is being well managed at this time.
- 21) Personnel were on-site collecting windblown debris during this Facility Compliance Inspection.
- 22) The white goods/metal recycling area is being well managed at this time.
- 23) Facility monitoring wells were reviewed during this Facility Compliance Inspection. All the wells were secured with functioning locks.



- 24) Several of the older wells adjacent to Cell #1 were noted as needing repair or replacement of the well casing due to damage and/or corrosion in the previous Facility Compliance Inspection Report have had temporary repairs in order to secure the wells. *As per our conversation, in order to provide for secure access, these well casings should be permanently repaired or replaced.
- 25) Brush and woody vegetation were present around the access to several of the monitoring wells. *Please clear the access to and around all monitoring wells for proper maintenance and inspection.
- 26) Brush and woody vegetation were observed growing on the sideslopes of closed Cells #1, # 2, and #3. Some of the brush has been removed. *To protect the integrity of your landfill cap system, please finish the mowing project in these areas and remove all brush and other woody vegetation from the landfill sideslopes.
- 27) Erosion was observed on the access road to the top of Cell #3 on the western end of the cell. *Please fill and grade this area to prevent further erosion of your landfill cap system. All repaired areas should be graded at a slope not greater than 3:1 and seeded and mulched to establish a groundcover suitable to prevent erosion of your landfill cap system.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

2803-20130423INSP

Page 3 of 3



28) An area of ponding water was observed on the Cell #3 perimeter access road at the toe of the southern sideslope approximately 200 yards from the western end of the cell. Some erosion of the access road was also observed in this area. *Please fill and grade this area to promote the positive flow of surface waters away from the toe of the landfill.



29) Digital photographs were taken during this Facility Compliance Inspection.

30) *Corrective actions are required as a result of this Facility Compliance Inspection Report.

Please contact me if you have any questions or concerns regarding this Facility Compliance Inspection Report.

Ray Williams; Environmental Senior Specialist Phone: 252.948.3955 E-mail: ray.williams@ncdenr.gov

Regional Representative

Delivered on : <u>29 April 2013</u> by	X	Electronic delivery		US Mail		Certified No. []
---	---	---------------------	--	---------	--	-------------------

cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
 Jessica Montie; Chief Compliance Officer/SWS: jessica.montie@ncdenr.gov
 Clyde Gard; Assistant Director/Dare County Public Works: clydeg@darenc.com

C: \2013\Dare\Facilities\28-03\Audits\2803-20130423INSP
 NCDENR CARA Portal: <https://edm.nc.gov/DENR-Portal/>

Go Green! Thank you for helping NCDENR be environmentally responsible.

One
 North Carolina
Naturally