



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

Date of Site Inspection: 3 December 2012 **Date of Last Inspection:** 4 September 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:

Barry Cahoon; Dare County Solid Waste
 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:

Partial Facility Compliance Inspection without records review

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 +/- 60 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

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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 Greenville, NC.
- 12) Permanent Edge of Waste markers are in place and are being maintained as required.
- 13) Some of the Edge of Waste markers in the active cell have been partially covered with soil. No waste was observed outside of the permitted waste disposal footprint. *Please pull back all waste and cover soil in these areas to ensure that no disposal occurs outside of the permitted waste boundary. Also, please ensure that all future waste disposal and cover activities are maintained within the waste disposal boundary.
- 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 working face is being maintained in a compact and manageable size.
- 17) The working face is being covered weekly.
- 18) Cover soil was being stockpiled adjacent to the active working face during this Facility Compliance Inspection.
- 19) Exposed waste was observed in several small areas at the toe of the northern and southern sideslopes of Cell 4. *Please ensure that all waste is adequately covered and all sideslopes are completely covered as required.
- 20) Windblown debris is being well managed at this time.
- 21) The white goods/metal recycling area is being well managed at this time.
- 22) Facility monitoring wells were reviewed during this Facility Compliance Inspection. None of the wells were secured with locks. Many of the wells were lacking locks and the wells with locks in place were not locked. *Please ensure that all monitoring wells are secured with functioning locks.



- 23) 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. Monitoring well #2 cannot be secured due to rust damage. *Within thirty days of receipt of this Facility Compliance Inspection Report, please repair all damaged wells and ensure that they remain secured with functioning locks.



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- 24) Brush and woody vegetation were observed growing on the sideslopes of closed Cells #1, # 2, and #3. *To protect the integrity of your landfill cap system, please mow these areas and remove all brush and other woody vegetation from the landfill sideslopes.
- 25) 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.
- 26) 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. *Please fill and grade this area to promote the positive flow of surface waters away from the toe of the landfill.
- 27) *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>4 December 2012</u> by	X	Electronic delivery		US Mail		Certified No. []
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cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
Jessica Montie; Chief Compliance Officer/SWS: jessica.montie@ncdenr.gov
Clyde Gard; Asst Director/Dare County Public Works: clydeg@darenc.com

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