



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Washington PERMIT NO.: 94-07TP FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P	<input checked="" type="checkbox"/>	FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: 20 March 2013

Date of Last Inspection: 4 September 2012

FACILITY NAME AND ADDRESS:

Waste Management Healthcare Solutions, Inc
 Medical Waste Treatment Facility
 301 Saint David Road (NC S.R. 1158)
 Creswell, NC 27928

GPS COORDINATES: **N:** 35.87215 **E:** 076.38805

FACILITY CONTACT NAME AND PHONE NUMBER:

Tim McGee
 757.494.9300

FACILITY CONTACT ADDRESS:

Waste Management Healthcare Solutions
 301 Saint David Road
 Creswell, NC 27928

Attn: Plant Manager

E-mail: jmcgeel@wm.com

PARTICIPANTS:

Howard Davenport; WM Healthcare Solutions-Operations Manager
 Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; Permit to Operate a Medical Waste Treatment Facility issued 12 June 2011, expires 22 May 2014. Pursuant to 15A NCAC 13B .0201(g) a complete permit review request including updated facility, operations, and waste screening plans was due on or before 22 February 2013. 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 a Medical Waste Treatment Facility consisting of two autoclave units, a Bondtech sharps treatment system, and associated Facility appurtenances for the storage and processing of treated and untreated medical waste.
- 2) This Facility is permitted to receive "Medical Waste" as defined by NCGS 130A-290(a)(17a), "Regulated Medical Waste" as defined by 15A NCAC 13B .1201(10), and "Certain garbage" as specified in 7 CFR 330.400 –Subpart Garbage and 9 CFR 94.5- Regulation of certain garbage; generated in Maryland, North Carolina, South Carolina, Virginia, and Washington D.C.
- 3) This Facility is permitted to operate 24 hours per day, 365 days per year at a capacity not greater than 84 tons of waste per 24 hour period. However, operation hours are typically Monday through Friday from 7:00 AM until 3:30 PM.
- 4) This Facility is secured by means of perimeter fencing with a locked gate at the facility entrance. The building and property are monitored electronically with cameras. The buildings are secured with access-controlled doors, motion sensing equipment, and off-site monitored fire detection equipment.

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- 5) Signage is posted at the entrance to the Facility stating the permit number, contact information, and listing banned/excluded wastes.
- 6) The Facility access road is of all-weather construction and is being well maintained at this time.
- 7) The area around the Facility is maintained in an orderly manner. No windblown debris or offsite erosion was observed and access around the site appeared stable.
- 8) Traps are maintained around the perimeter of the Facility for vector control.
- 9) Any pathological or radioactive medical waste which cannot be treated at this Facility is transported to the Curtis Bay Energy LLC, Waste-to-Energy Incinerator, in Baltimore Maryland.
- 10) All treated waste is transported to the East Carolina Environmental Regional MSW Landfill, permit #08-03, in Aulander, Bertie County, NC.
- 11) This Facility is currently transporting +/- 250 tons of waste per month to the East Carolina Regional MSW Landfill.
- 12) This Facility is currently operating at full capacity.
- 13) This Facility maintains two boilers on site for steam generation.
- 14) Five fire extinguishers and two hose bibs are maintained on site for fire control.
- 15) This Facility screens all incoming loads as they are unloaded at the dock.
- 16) The autoclave units are serviced monthly.
- 17) Both autoclave units were in operation during this Facility Compliance Inspection.
- 18) The autoclave units are tested through microbial monitoring by the Plant Supervisor on a weekly basis using a 3M Attest Biological Indicator Incubator to document and record the adequacy of the steam sterilization process.
- 19) The Facility floor is washed down and sanitized daily and the walls are washed down as needed. Overall, the Facility is maintained in a clean, sanitary manner.
- 20) Incoming containers are cleaned and sanitized before re-use as required. All processing and sanitization is performed in a timely manner.
- 21) Waste handling procedures were observed during this Facility Compliance Inspection. Proper safety precautions and efficient processing methods by all facility personnel were noted.
- 22) All containers are stored and processed in an orderly manner, with sanitized units maintained separately from un-sanitized units.
- 23) Waste containers are checked for leakage regularly. Leaking containers are marked as such and removed from use for managing medical waste.
- 24) Waste is removed from the autoclave units promptly upon cycling and placed into the compaction units located at the rear of the Facility for compaction and transportation to the landfill.
- 25) The compactor/treated waste transfer area was free of overflow waste during this Facility Compliance Inspection and appears to be maintained in a neat and orderly manner.
- 26) This Facility utilizes a Bondtech Treatment Technologies sharps recycling unit to recycle processed sharps.
- 27) The sharps recycling area is being well maintained. Personnel clean this area of overflow waste throughout the workday. All overflow waste is either returned to the sharps recycling bin, or disposed with the treated waste as necessary. Facility personnel were cleaning this area throughout this Facility Compliance Inspection.
- 28) Overall, the floor drains were free of debris and appeared to be functioning properly. However, some sections of the floor drains in the sharps recycling area contained debris that could impede flow/collection of liquids. *Please ensure that the floor drains in the sharps recycling area are maintained clear of debris.



- 29) The recyclable materials storage area is maintained in an orderly manner.
- 30) Safety training is conducted weekly by the plant manager. The meeting topic and the names of all attendees are recorded in a log.

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- 31) Waste records listing the date, time, number of units, and quantity received and processed are maintained in a log in the plant manager's office.
- 32) A complete copy of the Facility contingency plan including emergency contact information is maintained in the plant manager's office.
- 33) The Facility boilers were inspected by the NC Department of Labor on 17 July 2012. The NCDOL Certifications were complete and presented for review during this Facility Compliance Inspection. Boiler certifications expire 30 June 2013.
- 34) Refrigerated trailers are maintained on-site for the proper storage of pathological waste until transport to the waste incineration facility.
- 35) An adequate number of trailers are maintained on-site for the transportation of all waste processed by the facility.
- 36) All trailers and containers on-site were properly labeled with placards identifying waste types being stored and transferred.
- 37) *Please note that a complete permit review request including updated facility, operations, and waste screening plans was due on or before 22 February 2013. If you have not done so, please contact Mr Ed Mussler, the Solid Waste Section Permitting Branch Head, in reference to your permit renewal request. Mr Mussler can be reached at 919.707.8200 or via e-mail at: ed.mussler@ncdenr.gov.
- 38) No violations were noted during this Facility Compliance Inspection.
- 39) *Corrective actions are needed as a result of this Facility Compliance Inspection.

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>21 March 2013</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
 Ed Mussler; Permitting Branch Head/SWS: ed.mussler@ncdenr.gov

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