



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: GASTON PERMIT NO.: 36-15 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: November 14, 2013

Date of Last Inspection: April 4, 2012

FACILITY NAME AND ADDRESS:

Assured Waste Solutions, LLC (Owner & Operator)
P.O. Box 536
148 Boxwood Lane
Gastonia, NC 28053

Barkley Enterprises Inc. (Landowner)
Charles Barkley – Registered Agent
P.O. Box 369
Gastonia, NC 28053

GPS COORDINATES: N: 35.28167° E: - 81.18224°

FACILITY CONTACT NAME AND PHONE NUMBER:

Mary McIntosh – Plant Manager
(704) 865-7550
mmcintosh@assuredwaste.com
Fax: (704) 865-7519

FACILITY CONTACT ADDRESS:

Same as above.

PARTICIPANTS:

Bill Wagner, Environmental Senior Specialist – Solid Waste Section
Mary McIntosh, Plant Manager – MedWaste Solutions

STATUS OF PERMIT:

Original Permit to Operate issued on December 12, 2011
Permit is current and shall expire on December 12, 2016

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS

None.

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The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be 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 Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties 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.

ADDITIONAL COMMENTS

1. *Assured Waste Solutions, LLC* (formerly *MedWaste Solutions, LLC*) provides the transfer and processing of regulated medical and pharmaceutical waste streams for the research, pharmaceutical, manufacturing and healthcare industries in the Southeastern United States (NC, SC, TN, GA, and VA).

GENERAL CONDITIONS:

2. The facility is open from 8AM to 5PM Monday through Friday.
3. The facility is permitted for the treatment of medical waste with steam sterilization, as well as for the storage and processing of treated and untreated medical waste.
4. Prohibited wastes include: hazardous wastes, radioactive wastes, and liquid wastes.
5. Access to the site is controlled by a perimeter fence and a lockable gate at the entrance. (Photo #1)
6. Proper signage is displayed at the entrance gate.
7. The facility is permitted to use four steam sterilization (autoclave) units. Currently there are two sterilization units on site. (Photo #2)



1. Secured entrance to *Assured Waste Solutions*.



2. Two steam sterilization units.

8. No wastes were being received at the facility during the inspection.
9. Copies of the current permit to operate and operations plan were maintained on site.
10. In accordance with the operations plan, no waste can be received or treated unless a member of management (General Manger, Plant Manager, or Office Manager) is on site.
11. Four staff members are trained internally and authorized to treat medical waste:
 - Shirley Frye • Ron Ollis • Keith Moore • Mary McIntosh
12. Waste screening records were reviewed.
13. *Assured Waste Solutions* owns two vehicles for the pickup and transport of medical waste.
14. Pathological wastes are transported by *Curtis Bay Energy* to their facility in Baltimore, Maryland for incineration. The current total cost of incineration is approximately \$0.92 per pound.
15. Hazardous (RCRA) wastes are transported by *Southern Logistics & Environmental, LLC* to the *Heritage-WTI* facility in East Liverpool, OH for incineration.
16. Radiation detectors are mounted about each of the two receiving bay doors to screen for radioactive materials.
17. A “walk-in” refrigerator is used to store any waste for a maximum of thirty days, that is either not treated

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immediately, or is being held pending shipment for off-site treatment. (Photo #3)

18. Each load of waste that is received is tracked on a separate log sheet as well as on a “Waste Manifest” form, which detail the date the waste was received, the source of the waste, the amount of waste and the type of waste received. Waste Manifest records were reviewed.
19. Unacceptable wastes are tracked on a “By-pass Log” that also records the date the waste was received, the source of the waste, the amount of waste and the type of waste received. Unacceptable wastes are shipped off site for incineration.
20. Every Friday each autoclave is tested to ensure that sterilization is being achieved. These tests are logged on a “Variclave Periodic Spore Test Log”. Spore test data records were reviewed.
21. The facility is well staffed, and maintained in a well organized and clean condition.
22. Floor drains in the operational area feed into the Gastonia sanitary sewer system. (Photo #4)
23. Emergency response is provided by the Gastonia Fire Department.



3. Walk-in refrigerator for temporary storage of wastes.



4. Floor drain in the receiving area that feeds directly to the City of Gastonia waste water treatment plant.

24. The facility requires all wastes, including out-of-state wastes, to meet transportation and packaging requirements similar of NC.
25. All incoming wastes are inspected at the loading dock. Any wastes that are either 1) Improperly labeled; 2) Too heavy (> 50 lbs.) or; 3) Regulated medical waste mixed with other wastes are recorded in an “exception report”. These wastes are shipped off site for incineration.
26. All “controlled substances” (pharmaceutical wastes) a logged upon receipt and stored in a locked safe. (Photo #5)



5. Safe used to store all “controlled substances”.



6. Secured room for the processing and storage of pharmaceutical wastes.

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- 27. The facility is currently processing approximately 3,000 to 5,000 pounds of medical waste per week.
- 28. There are various requirements for handling pharmaceutical wastes. These requirements depend on multiple factors: (e.g. the manufacturer of the pharmaceutical; the type of pharmaceutical; the requirements of the DEA and the NC Department of Agriculture; etc.) In some instances pharmaceutical wastes must be incinerated and in other instances they may be returned to the manufacturer for credit.
- 29. The facility is well organized and well maintained.

Please contact me if you have any questions or concerns regarding this inspection report.



Bill Wagner

Environmental Senior Specialist
Regional Representative

Phone: 828-296-4705

Sent on: <u>11/15/13</u>		Email		Hand delivery		US Mail		Certified No. []
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ec: Jason Watkins, District Supervisor – Solid Waste Section
Sarah Rice, Compliance Officer – Solid Waste Section
Tanya Kraning, Executive V.P. – Assured Waste Solutions (tkraning@assuredwaste.com)