



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:										COUNTY: GASTON PERMIT NO.: 36-15 FILE TYPE: COMPLIANCE	
Lined MSWLF		LCID		YW		Transfer		Compost			SLAS
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: May 13, 2015

Date of Last Inspection: May 27, 2014

FACILITY NAME AND ADDRESS:

Assured Waste Solutions, LLC¹ (Owner & Operator)
 P.O. Box 536
 148 Boxwood Lane
 Gastonia, NC 28053

Barkley Enterprises Inc.¹ (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:

Doug Bowman – VP of Operations
 (704) 865-7550
dbowman@assuredwaste.com
 Fax: (704) 865-7519

FACILITY CONTACT ADDRESS:

Same as above.

PARTICIPANTS:

Bill Wagner, Environmental Senior Specialist – Solid Waste Section
 Doug Bowman, VP of Operations – Assured Waste Solutions
 Andrea Arredondo, President – Earth Compliance 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 Compliance Inspection

STATUS OF PAST NOTED VIOLATIONS:

N/A

¹ The PERMIT TO OPERATE of 12/12/11 is issued to both *Barkley Enterprises Inc.* and to *Assured Waste Solutions, LLC*

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OBSERVED VIOLATIONS

None.

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)



1. Looking from Boxwood Lane at the gate / entrance to the facility.



2. Two steam sterilization units at the facility.

6. The facility is permitted to use four steam sterilization (autoclave) units. Currently there are two sterilization units on site and in use. (Photo #2)
7. No wastes were being received at the facility during the inspection.
8. Copies of the current permit to operate and operations plan were maintained on site.
9. 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.
10. Four staff members are trained internally and authorized to treat medical waste:
 - Doug Bowman • Tim Barrett • Jerry Norris • Ron Ollis
11. Waste screening records were reviewed.
12. *Assured Waste Solutions* owns three vehicles for the pickup and transport of medical waste that are primarily from Buncombe, Cleveland, Cumberland, Gaston, Lincoln, Mecklenburg, Nash, New Hanover, and Wake Counties, while *Carolina Biomedical Disposal* is used for the pickup and transport of medical waste to the facility from all other locations in North and South Carolina.

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13. Pathological wastes are transported by *Curtis Bay Energy* to their facility in Baltimore, Maryland for incineration. The current total cost of incineration is approximately is variable.
14. Hazardous (RCRA) wastes are transported by *Heritage, LLC* to their *Heritage-WTI* facility in East Liverpool, OH for incineration.
15. Radiation detectors are mounted about each of the two receiving bay doors to screen for radioactive materials. (Photo #3)
16. Wastes that are either not treated immediately, or is being held pending shipment for off-site treatment are stored, for a maximum of thirty days, in refrigerated trailers that are leased and staged on-site.
17. 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.
18. 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.
19. Every Tuesday 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.
20. The facility is well staffed, and maintained in a well organized and clean condition.
21. Floor drains in the operational area feed into the Gastonia sanitary sewer system.
22. Emergency response is provided by the Gastonia Fire Department.
23. The facility requires all wastes, including out-of-state wastes, to meet transportation and packaging requirements similar of NC.
24. 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.
25. All "controlled substances" (pharmaceutical wastes) a logged upon receipt and stored in a locked safe.
26. The facility is currently processing approximately 200,000 pounds of medical waste per month.
27. 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.
28. The facility is well organized and well maintained.

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

Phone: 828-296-4705

 Bill Wagner
 Environmental Senior Specialist
Regional Representative

Sent on: <u>5/19/14</u>	X	Email	Hand delivery	US Mail	Certified No. []
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ec: Deb Aja, District Supervisor – Solid Waste Section
 Jessica Montie, Compliance Officer – Solid Waste Section
 Tanya Kraning, Executive V.P. – Assured Waste Solutions (tkraning@assuredwaste.com)
 Andrea Arredondo, President – Earth Compliance Solutions (andrea@earthcompliancesolutions.com)