



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

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UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS	COUNTY: CHATHAM PERMIT NO.: 19-05 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: June 18, 2009

Date of Last Audit: February 28, 2007

FACILITY NAME AND ADDRESS:

Brooks Farm Compost Facility
 1195 Beal Road
 Goldston, NC 27252

GPS COORDINATES: N: 35.54995 E: -079.37532

FACILITY CONTACT NAME AND PHONE NUMBER:

Dean Brooks (919) 837-5914 (tel), (919) 837-5097 (fax), (919) 842-0006 (mobile), brookscsco@wildblue.net

FACILITY CONTACT ADDRESS:

Brooks Contractor
 1195 Beal Road
 Goldston, NC 27252

AUDIT PARTICIPANTS:

Brad Bailey, NCDENR-Solid Waste Section
 Jason Watkins, NCDENR-Central District Supervisor
 Shawn McKee, NCDENR-Compliance Officer
 Teresa Bradford, NCDENR-Solid Waste Section
 Michael Scott, NCDENR-Composting & Land Application Branch Head
 Dr. Zi-Qiang Chen, NCDENR-Permitting Engineer
 Alan Brooks, Brooks Contractor
 Amy Brooks, Brooks Contractor

STATUS OF PERMIT:

PTO initially issued July 22, 1999 and renewed August 02, 2004 (**Permit shall expire July 31, 2009**)

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

None

You are hereby 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 Statute or Regulations. For the violation(s) noted here, you 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.

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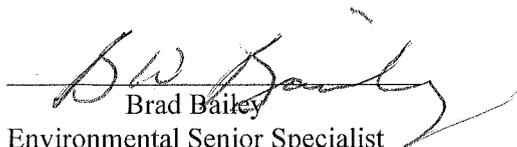
STATUS OF PAST NOTED VIOLATIONS:

None

AREAS OF CONCERN AND COMMENTS:

1. The facility is permitted as a Large Type 3 Solid Waste Compost Facility.
2. The facility is permitted to receive numerous feedstocks and produces compost and soil mixes.
3. The initial permit application and operations plan were prepared by E & A Environmental Consultants, Inc.
4. Feedstock include eggshell/hatchery waste, food waste from school cafeterias, yard waste, animal manure and grease trap cleanouts and numerous pre-approved clientele.
5. Liquid loads are received in a bulking and mixing pit where wood chips and other solids are mixed. Material is placed in area with a drain that allows any excess liquids to return to the mixing pit.
6. Once drained, the materials are moved to the windrow staging area. There is currently spacing for 42 windrows and 37 active windrows with composting underway.
7. Facility utilizes a handheld "Green Mountain Technology" computer/thermometer combination for collecting temperatures and locations in the windrows.
8. The permit, operations plan, annual report, carbon-nitrogen ratio records, vector attraction reduction requirements (VAR) and process to further reduce pathogens (PFRP) records were in order. Ensure that when new windrows are formed or materials are added to windrows that the required 15 days be accurately and clearly recorded and windrow turned a minimum of five times.
9. The facility uses a large SCARAB windrow turner.
10. Analytical results for final product such as total solids, foreign matter, fecal coliform and formaldehyde results were reviewed and found to be acceptable.
11. Signage out by road indicates hours of operation as 7am-5pm M-F and 7am-12pm Sat and contact number but is missing the permit number 19-05. Signage by scale house states as required, no hazardous waste, asbestos containing waste, or medical waste and lists emergency contact numbers, but also is missing the permit number.
12. There are several 10# and 15# ABC fire extinguishers located in the office and on the various pieces of equipment.
13. It is recommended that some regrading between windrows and drainage features be repaired to ensure that surface water is being adequately diverted away from the operational, curing and storage areas.
14. **You must submit your application for permit renewal ASAP as your permit is about to expire.** Ensure that you review and update your operational plan and all feedstocks that you intend to utilize, as any changes will require a permit modification and additional fees.

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


 Brad Bailey
 Environmental Senior Specialist
Regional Representative

Phone: (919) 508-8565

Delivered on : <u>June 30, 2009</u> by	X	E-mail		US Mail		Certified No. []
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- cc: Mark Poindexter, Field Operations Branch Supervisor
 Jason Watkins, Central District Supervisor
 Shawn McKee, Compliance Officer
 Michael Scott, Composting & Land Application Branch Supervisor
 Dr. Zi-Qiang Chen, Permitting Engineer