



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS	<b>COUNTY: Guilford</b> <b>PERMIT NO.: 41-25 COMPOST</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** 07/16/13

**Date of Last Inspection:** 11/17/11

**FACILITY NAME AND ADDRESS:**

Guilford College  
 5800 West Friendly Avenue  
 Greensboro, North Carolina 27410

**GPS COORDINATES:** N: 36.09692 E: 79.88847

**FACILITY CONTACT NAME AND PHONE NUMBER:**

David H. Petree, Director of Environmental Sustainability  
 Office: 336-316-2904  
 Cell Phone: 336-669-1066  
 e-mail: dpetree@guilford.edu

**FACILITY CONTACT ADDRESS:**

Same

**PARTICIPANTS:**

David Petree, Director of Environmental Sustainability  
 Hugh Jernigan, Solid Waste Section  
 Lee Hill, Guilford County Code Enforcement  
 Susan Heim, Guilford County Environmental Services Coordinator

**PERMIT HISTORY/STATUS OF PERMIT:**

Compost Demonstration Project Approval Issued: January 10, 2010  
 Compost Demonstration Project Extension Issued: July 21, 2011  
 Permit to Operate Issued: June 6, 2013  
**Permit Expiration Date: June 6, 2018**

**PURPOSE OF SITE VISIT:**

Comprehensive Site Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

NONE

**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.

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**ADDITIONAL COMMENTS**

1. The permitted facility is a Small Type III Solid Waste Compost Facility operated by Guilford College.
2. Previously the site operated under approval of the Solid Waste Section as a compost demonstration project.
3. Reviewed permit conditions, approved operational procedures, and emergency contingency plans.
4. The composting is conducted in two 3-cubic yard "Earth Tub" containers. The basic feedstock being composted is pulped food waste from the college food service areas. Wood chips, sawdust, and leaf waste are utilized in the composting operation to maintain proper Carbon/Nitrogen ratios. All feedstock materials are generated on the college campus. Both composting containers were in operation at the time of the visit.
5. Leachate from the composting containers is collected and pumped to a 100 gallon steel vessel. The leachate level in the containment vessel is measured weekly or during turning/mixing of the containers. The collected leachate is added to the composting process, as needed, to maintain proper moisture levels.
6. During the composting operations, temperatures are monitored and recorded. The composting containers are turned based on temperature data to maintain proper composting temperatures.
7. Upon completion of the container composting operations, the composted material is placed in windrows for curing. The curing windrows were observed to be constructed in accordance with the approved plans.
8. The compost curing area is marked with signage stating the material is unfinished compost and not for use.
9. All composted materials are currently being utilized on the college campus, including the use of compost tea for turf and landscaping maintenance.
10. Reviewed composting data logs and compost testing results. The composting operations have processed approximately 7.3 tons during the past year reporting period.
11. Composting data logs are maintained for each composting batch being conducted in the containers. The data logs contains detailed information including type and amounts of materials being composted, temperatures, activities conducted (mixing, leachate addition, type and amount of materials being added during the composting process), and quantity/type of compost produced.
12. Similar logs are maintained for the curing windrows.
13. The completed compost materials have been tested for pathogens, regulated metals, and manmade inerts as per the Solid Waste Section Rules and meet the requirements for distribution as Class A Compost. The most recent test review/approval letter from the Solid Waste Section was issued May 31, 2013.
14. The approval for distribution will be continued upon submittal and approval of the required testing results every six months.

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



Phone: 336-771-5093

Hugh Jernigan  
Environmental Senior Specialist  
***Regional Representative***

Sent on: 07/18/13	X	Email		Hand delivery		US Mail		Certified No. <input type="checkbox"/>
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Copies: Jason Watkins, Western District Supervisor  
Jessica Montie, Solid Waste Compliance Officer  
Elizabeth Patterson, Solid Waste Composting Section