



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

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

Date of Site Inspection: 03/25/15

Date of Last Inspection: 06/19/14

FACILITY NAME AND ADDRESS:

Guilford College Compost Facility
 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: 336-316-2402
 Cell Phone: 336-451-6638
 e-mail: dpetree@guilford.edu

FACILITY CONTACT ADDRESS:

Same

PARTICIPANTS:

Eric Brown, Grounds Superintendent
 Hugh Jernigan, Solid Waste Section

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:

Partial 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 also 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. The compost facility is operated in conjunction with the Guilford College Community Garden which provides produce for use by agencies involved in food assistance programs.
4. The composting operation produces approximately 1.5-2.5 tons of compost per month.
5. Reviewed permit conditions, approved operational procedures, and emergency contingency plans.
6. 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.
7. 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.
8. During the composting operations, temperatures are monitored and recorded. The composting containers are turned based on temperature data to maintain proper composting temperatures.
9. 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.
10. Similar logs are maintained for the curing windrows.
11. 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.
12. The compost curing area is marked with signage stating the material is unfinished compost and not for use.
13. All composted materials are currently being utilized on the college campus, including the use of compost tea for turf and landscaping maintenance.
14. Mr. Petree was on vacation and not available to discuss the composting operations. A follow-up inspection is to be conducted for complete review of records, including pathogen testing data.

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



Phone: 336-776-9672

Hugh Jernigan
 Environmental Senior Specialist
Regional Representative

Sent on: 03/26/15	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. <u> </u>
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Copies: Deborah Aja, Western District Supervisor
 Sarah Rice, Solid Waste Compliance Officer
 Elizabeth Patterson, Solid Waste Composting Section