



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: FRANKLIN PERMIT NO.: 35-04 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: September 11, 2013

Date of Last Inspection: November 9, 2010

FACILITY NAME AND ADDRESS:

Novozymes North America, Inc.
 445 Old Smith Farm Road
 Franklinton, NC 27525-0576

GPS COORDINATES: N: 36.08199 E: -78.39520

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Frank Franciosi, Composting Dept. Manager
 Telephone: 919-494-3489, Cell- 919-612-9975
 Email address: FrFr@novozymes.com
 Fax: 919-494-1472

FACILITY CONTACT ADDRESS:

Novozymes North America, Inc.
 P.O. Box 576
 Franklinton, NC 27525-0576

PARTICIPANTS:

Mary Whaley, NCDENR, Solid Waste Section

STATUS OF PERMIT:

Active Permit issued March 31, 2010. The permit shall expire on March 31, 2015.

PURPOSE OF SITE VISIT:

Partial inspection

STATUS OF PAST NOTED VIOLATIONS:

NA

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.

FACILITY COMPLIANCE INSPECTION REPORT
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Page 2 of 2

ADDITIONAL COMMENTS:

1. Novozymes is a large Type 3 composting facility.
2. All rule required verbage is included on the signs.
3. The hours of operation are 7:00 AM- 4:00 PM, Monday thru Friday.
4. The capacity of the facility is limited to 50,000 tons of feedstocks received for composting per year.
5. All set back buffers are met.
6. Yard waste from several locations including the City of Durham and the towns of Franklinton, Louisburg, Youngsville and Wake Forest, is being received and ground to be used in the compost process.
7. The windrows temperature keeping records for July and August, 2013, were observed and all of the temperatures appeared to meet the Federal requirements of process to further reduce pathogen (PFRP) and vector attractiveness reduction (VAR).
8. The site did not appear to cause any discharge of materials, pollutants, or non-point source pollution into any waters or wetlands of the state.
9. There is a concrete pad under all portions of the site used for waste receipt and storage, active composting and curing.
10. The site has minimal odors and at the property lines, there were no odors.
11. The site does not allow uncontrolled public access.
12. The permit, plans and operational reports were readily available and reviewed.
13. Leachate appears to be contained on site.
14. There are gates to prevent unauthorized entry.
15. The access road is of all weather construction and maintained in good condition.
16. The compost product is sampled monthly. The results of the sampling for 2013 were reviewed.
17. The facility appears to be very well run.

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



Phone: 919-693-5023

Environmental Senior Specialist
Regional Representative

Sent on: <u>September 25,</u> <u>2013</u>	X	Email		Hand delivery		US Mail		Certified No. []
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Copies: Dennis Shackelford, Eastern District Supervisor
 Jessica Montie, Compliance Officer

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 3



Pile of finished compost



Several piles of finished compost



Finished compost pile



Storm water retention pond



Windrows