



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF	LCID	YW	Transfer	Compost	<input checked="" type="checkbox"/>	SLAS		COUNTY: FRANKLIN
Closed MSWLF	HHW	White goods	Incineration	T&P		FIRM		PERMIT NO.: SWC 35-04
CDLF	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO		SDF		FILE TYPE: COMPLIANCE

Date of Audit: November 9, 2010Date of Last Audit: September 1, 2009**FACILITY NAME AND ADDRESS:**

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

GPS COORDINATES: N: 36.08199 W: 078.39520**FACILITY CONTACT NAME AND PHONE NUMBER:**

Frank Franciosi, Composting Dept. Manager, Tel- 919-494-3489, Cell- 919-612-9975, Fax- 919-494-1472

FACILITY CONTACT ADDRESS:

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

AUDIT PARTICIPANTS:

Mary Whaley, NCDENR, Solid Waste Section
Chris Marriott, NCDENR, Solid Waste Section
Josh Darnell, Senior Operator, Novozymes
Bob Stegemann, Manager of Environmental and Composting Operations, Novozymes

STATUS OF PERMIT:

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

PURPOSE OF AUDIT:

Partial Audit of a Large Type III compost facility.

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.

STATUS OF PAST NOTED VIOLATIONS:

NONE

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OTHER COMMENTS /CONCERNS:

1. All rule required verbage is included on the signs.
2. The hours of operation are 7:00 AM- 4:00 PM, Monday thru Friday.
3. All set back buffers are met.
4. There was standing water in an area measuring approximately 35 feet by 15 feet, at the edge of the storage area. This area needs to be graded to prevent ponding, and to insure any stormwater or leachate is controlled and managed in such a manner that ground or surface water quality will not be adversely affected.
5. Yard waste from several locations including Durham, Burlington and Franklinton is being received and ground to be used in the compost process.
6. A formaldehyde test for the furniture waste that is being received, that contains some EWP (engineered wood product) has been requested of Frank Franciosi by Michael Scott.
7. The windrows temperature keeping records 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 and the results of the sampling were readily available.
17. The facility appears to be very well run.

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



Mary Whaley
 Environmental Senior Specialist
 Regional Representative

Phone: 919-693-5023

Delivered on : <u>November 22, 2010</u> by		hand delivery	X	E Mail		Certified No.
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cc: Dennis Shackelford, Eastern Area Supervisor
 Mark Poindexter, Field Operations Branch Head
 Donald Herndon, Compliance officer
 Michael Scott, Land Application and Composting Branch Head

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Piles, sorted by size of grind, of composted material.



Grinder with sock to catch misc. debris.



Enzyme processed waste water sludge used in composting process.



Saw dust from Profilform US, Inc. in Henderson, used in the composting process.



Ground yard waste used in the composting process.



View of several windrows.

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