



PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Director

June 15, 2016

Ms. Jody Stencil
NCZoo-Interim Zoo Site-Leaf Storage Area
4401 Zoo Parkway
Asheboro, NC 27205

Re: Yard Waste Notification – Randolph County
NCZoo-Interim Zoo Site-Leaf Storage Area – YWN76004

Dear Ms. Stencil,

The Solid Waste Section has received your yard waste facility notification form. As long as your facility only processes and stores less than 6,000 cubic yards of the following materials on a quarterly basis, you can continue to operate by notifying the Section on an annual basis **by June 1st of each year**. If your composting activities grow in size to more than 6,000 cubic yards quarterly or exceed the 2 acre size limitation please contact the Solid Waste Section for assistance in obtaining a permit.

Facilities operating under notification shall only receive:

- a. Untreated and unpainted wood waste.
- b. "Silviculture Waste" as defined in 15A NCAC 13B .0101(41); waste materials produced from the care and cultivation of forest trees, including bark and woodchips.
- c. "Yard Trash" as defined in 15A NCAC 13B .0101(55); solid waste resulting from landscaping and yard maintenance such as brush, grass, tree limbs, and similar vegetative material.
- d. "Yard Waste" as defined in 15A NCAC 13B .0101(56); yard trash and land clearing debris to include stumps, limbs, leaves, grass, and untreated wood.

Facilities operating under notification are required to operate in accordance with 15 NCAC 13B .1406 and .1404(a)(1)-(10).

If you have questions or if we can be of any other assistance please do not hesitate to contact the Environmental Senior Specialist, John Patrone at 336-776-9673.

Sincerely,

Martin A. Gallagher, Environmental Supervisor
Composting & Land Application Branch

cc: John Patrone, Environmental Senior Specialist, Winston-Salem Regional Office
Deb Aja, Western District Supervisor, Asheville Regional Office
Central File, Solid Waste Section

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Pursuant to 15A NCAC 13B .1401(a), this provision applies to facilities that accept, store, or produce compost or mulch from yard waste.

Pursuant to 15A NCAC 13B .1402(g)(3), the owner or operator of any Type 1 Solid Waste (yard waste) facility which occupies less than two acres of land and processes and stores less than 6,000 cubic yards of material quarterly shall **submit this form to the Department by June 1st of each year.**

1. Facility Name: NC ZOO - Interim Zoo Site - Leaf storage area Notification #: YWN-76-004

2. Physical Address of Facility		3. Primary Facility Contact Information	
Street 1: <u>4401 Zoo Parkway</u>		Name: <u>Miriam Cattabriga</u>	
Street 2: _____		Contact's Title: <u>Horticulture Curator</u>	
City: <u>Asheboro</u>	County: <u>Randolph</u>	Phone: <u>(336) 879-7400</u>	Fax: <u>(336) 879-7324</u>
State: <u>North Carolina</u>	Zip: <u>27205</u>	Email: <u>Miriam.Cattabriga@NCZoo.org</u>	
4. Property Owner Contact Information		5. Site Manager Contact Information	
Name: <u>Mary Joan Pugh</u>		Name: <u>Jody Stencil - Africa Ground Supervisor I</u>	
Phone: <u>(336) 879-7110</u> Fax: _____		Phone: <u>(336) 879-7417</u> Fax: <u>3368797324</u>	
Email: <u>MaryJoan.Pugh@NCZoo.org</u>		Email: <u>Jody.Stencil@NCZoo.org</u>	
Street 1: <u>4401 Zoo Parkway</u>		Street 1: <u>4401 Zoo Parway</u>	
Street 2: _____		Street 2: _____	
City: <u>Asheboro</u>		City: _____	
State: <u>North Carolina</u> Zip: <u>27205</u>		State: <u>North Carolina</u> Zip: <u>27205</u>	

6. The land on which this facility is located is described in the deed recorded in:

Deed Book: 002080 Page: 01122 County: Randolph

For the following questions, please fill out based on your records for the period of June 1, 2015 to May 31, 2016.

7. What types of yard waste are accepted at this facility? (check all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Land clearing debris | <input checked="" type="checkbox"/> Yard trash |
| Items defined as land clearing debris: | Items defined as yard trash: |
| <input type="checkbox"/> Stumps <input type="checkbox"/> Whole trees <input type="checkbox"/> Tree limbs | <input checked="" type="checkbox"/> Grass <input checked="" type="checkbox"/> Leaves <input type="checkbox"/> Brush/shrubs |
| <input type="checkbox"/> Branches <input type="checkbox"/> Untreated wood | <input type="checkbox"/> Other yard trimmings |
| <input type="checkbox"/> Other (specify) _____ | |

8. Provide the quarterly volumes of yard waste (cubic yards) for this facility:

Quarter	Cubic Yards Received	Cubic Yards Removed
June 1 - August 31	0	0
September 1 - November 30	220	0
December 1 - February 29	780	0
March 1 - May 31	1,005	108
Total	2,005	108

9. Is this facility a temporary holding site or is material processed on-site? Temporary Holding Site Processed on-site

10. If this is a temporary holding site, list the name(s) of the facility (or facilities) where the material is taken to:

11. Describe the composting process used and the use of the finished compost product:

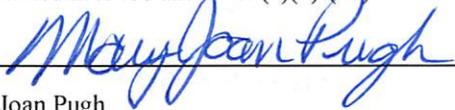
The description of the compost process must minimally include formation of windrows or annual turning of leaves (i.e. passive composting). Temperatures must be monitored daily to maintain a temperature of at least 131°F. If additional processing is done, explain briefly (e.g. usage of tub grinder, monthly aeration, etc.)

Four Windrows were formed and Temperatures reached 131> degrees F for three consecutive days. Windrows #1 and #2 will be turned (aeration) annually. Windrows #3 and #4 will be turned monthly. Finished product will be used at the NC Zoo.

12. Describe the mulching process used and use of finished mulch product:

The description of the mulching process must minimally include a description of the process, usage of a tub grinder, etc. *If you checked anything under the yard trash category, you must either compost or sell the mulched product for boiler fuel.*

CERTIFICATION: To the best of my knowledge and belief, I certify the information provided in this notification is true, accurate, and complete. Furthermore, the facility will comply with the operational and setback requirements of Small Type 1 Compost (yard waste) facilities as outlined in .1406 and .1404(a)(1)-(10) of the Solid Waste Compost Rules.

Signature:  Date: 05/31/2016
Name: Mary Joan Pugh Title: Deputy Director
Phone Number: (336) 879-7110 Email: MaryJoan.Pugh@NCZoo.org

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