

## Wilson, Donna

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**From:** Wilson, Donna  
**Sent:** Friday, December 16, 2011 5:04 PM  
**To:** 'Brinchek, W. Michael (Mike)'; Robert Howard (khal@co.cumberland.nc.us)  
**Cc:** Scott, Michael  
**Subject:** Wilkes Rd. Yard Waste Facility application

Hello Michael and Robert,

The Solid Waste Section has reviewed the County's application for permit renewal of the Wilkes Rd. Yard Waste Facility. Please address the following comments:

### Comments

1. Application should state in introduction and Section 3.1 that the facility operation includes a large type 1 composting operation. Application cover page should indicate the site is a large type 1 composting facility and processing facility.
2. Introduction – Please provide acreage of the total processing and composting area.
3. Section 2.4.2 – Please add in discussion the setback to the property line, as required in Rule 1404(a)(2).
4. Section 2.5.1 – Please indicate the sources of the different wastes received.
5. Section 2.5 – Please provide the soil evaluation conducted down to a depth of 4 feet, as required by Rule .1405(a)(4).
6. Figures C-1 and 1-3 – The pallet processing and stockpile area is shown at different locations on the two maps. Figure 1-3 does not label any areas for composting. Please clarify.
7. Figure C-1 – Please label the waste management boundaries of each area, including the pallet processing and stockpile area. Please label the setback to the property line and to the drainage swale. Drawings should label areas for unloading, processing, active composting, curing, and material storage.
8. Section 3.8.3 refers to a figure 2-1 that can't be found.
9. Section 3.4.1 – Section should state that an attendant will be onsite at all times the site is open, overseeing the unloading of waste.
10. Section 3 – Discuss how surface water is managed in order to keep water from ponding around the storage and composting stockpiles and windrows.
11. Section 3.9.3 should indicate that the Solid Waste Section will be notified of any fires.
12. Section 3.9 should describe operation during wind, heavy rain, snow, freezing or other adverse conditions.
13. Section 3.10 – The facility should keep a copy of the permit, operations plan, and site drawings onsite at all times.
14. Section 3 – Provide a description of actions to be taken to minimize noise, vectors, air borne particles, and odors.
15. Section 3.7 – Describe contingency plan for disposal or alternative use of compost/mulch that cannot be used due to poor quality or change in market conditions.
16. Provide the maximum pile size (height and width, length unlimited) for storage of material in each area. What is the maximum volume of onsite storage of materials in each area? What is the maximum total volume of materials onsite at any time?
17. Please provide a process flow diagram, as required by Rule .1405(a)(7).
18. Section 3 – What is the anticipated process duration, including receiving, preparation, composting, curing, and distribution?
19. What kind of thermometer will be used? What is the depth of temperature measurement? Text should state that the temperature will be monitored at points no more than 25 feet apart in the windrow.
20. Describe personnel training to insure that all employees are trained in site specific safety, remedial, and corrective action procedures.
21. Please provide a description of the information to be distributed with the compost, in accordance with Rule 1407(g).

Please provide an amended application with responses incorporated into the text. Only an electronic copy (pdf) is requested for this submittal.

If you have any questions please let me know.

Thanks, Donna

Donna J. Wilson

Environmental Engineer

Solid Waste Section/Division of Waste Management/NC DENR

1646 Mail Service Center

Raleigh NC 27699-1646

\*\*New Phone 919-707-8255

Email - [donna.wilson@ncdenr.gov](mailto:donna.wilson@ncdenr.gov)

Section webpage - <http://portal.ncdenr.org/web/wm/sw>

DWM offices have moved to the Green Square complex, 217 W. Jones St, Raleigh.

Mailing and delivery address is 1646 Mail Service Center, Raleigh NC 27699.

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