



## Solid Waste Composting Rule Re-Adoption Meeting – 9/5/17

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### Participants:

- Shawn McKee, NC DEQ DWM
- Donna Wilson, NC DEQ DWM
- Corinne Law, NC DEQ DWM
- Perry Sugg, NC DEQ DWM
- Jorge Montezuma, NC DEQ DEACS
- Stacey Smith, Smith Gardner Inc.
- Steve Cockman, McGill Compost
- John Ennis, City of Raleigh
- Jerod Roberts, County of Cumberland
- Amy Brooks, Brooks Compost
- Eric Wallace, Wallace Farms
- Bobby Darden, Coastal Regional Waste Management Association
- Tara Nattress, NC DEQ DEACS
- Andrew Ballentine, City of Hickory

**Objective:** To discuss the re-adoption of the .1400 compost rules. This meeting was also to get feedback from the regulated community as well as to discuss possible rule changes. The rule changes for composting rules would be based on two parts. First, to better clarify the rules; and second, to address rules within the composting program that can be modified where possible.

**Composting rules (.1400):** The Solid Waste Compost program is covered in the following North Carolina General Statutes; 130A-294; 130A-309.03; 130A-309.11; 130A-309.29. The process and management of Solid Waste compost is referenced from the Code of Federal Regulations (CFR) that include sections of 40 CFR 503. Composting solid waste material must be managed in a way that does not cause harm to public health or the environment.

Link to where to find information on the compost rule readoption process:

<https://deq.nc.gov/about/divisions/waste-management/solid-waste-section/rules-review>

### Open Discussion Topics/Comments

- Clarification on when to seek DWM SWS permit vs DWR residuals permits
- Demonstration permits – how long will it take to get the demo approval or permit; Demo approvals versus permit
- Stormwater permit, how do changes to stormwater permitting impact compost permitting?
- Clarify the Large and Small Type 1 stormwater permit requirement
- Five-year renewal permit - suggest evaluating longer permit period (10year?) between renewal.
- Clarification of odor minimization definition
- Length of review period for permit applications.
- Stormwater permitting communication between DWR and NC DWM during the compost permitting process

## Topic suggestions from NCDEQ

- Rules title change to include organics management
- Training requirements/certification
- Compost testing requirements [.1402(f)(5) and .1408(a)(a)]
- Yard Waste Notification Sites—potentially increasing the maximum size and volume thresholds; from less than 2 acres and 6,000 cubic yards/quarter, respectively. [.1402(g)(3)]
- Odor Management [.1404(c)(3) and (4); .1405(a)(10(B); .1405(b)(6)(G); .1405(c)(1)]
- Adding and clarifying exemptions. [1402(g) and .1409(d)]
- Anaerobic digestion/vermicomposting/other types of organic management

## Discussion about training requirements

- What type of training is NCDEQ considering?
- Training requirements for on/off operations vs present-on-site-at-all-times staff; suggestions to compare to DWR, make sure they are flexible enough to allow anybody at any size to operate

## Odor Management

- Difficult for composters to control incoming feedstock odors arriving at the facility.
- New (and existing) residential development in vicinity of facilities pose challenges with odor management.
- NCDEQ is considering requiring an enhanced odor minimization and mitigation plan as part of the application.
- Discussion about what has been going on at South Wake County Landfill with odor management; growth in Holly Springs, Highway 55, new shopping centers. The landfill, has been very aggressive at collecting gas, covering with soil, and some people have issues and some others don't. The terrain has a big role in how the odors settle around the area. How can the best available technology/operation list be developed?

## Permit renewal frequency & modifications:

- Currently 5-year renewal: suggestion to increase that to 10 years; Virginia is 10 years, 10 years may be consistent with other states; SC doesn't have a limit. Once a major modification is requested/approved, how would the permit renewal time be effected.
- 10-year renewal, review major modification definition(s)
- Does SWS have a major/minor modification definition or rule? .1405(d)

## Topics for Next Meeting

- Prioritized topics: odor management, training requirements, yard waste notification sites, and compost testing requirements.

Next Meeting: October 6, 10-12am, Green Square, Raleigh, NC