North Carolina Department of Environment and Natural Resources
Division of Water Resources
Water Quality Programs

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Governor

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Manure Hauler Requirements

According to 15A NCAC 02T .1400, manure hauler operations are deemed permitted. This means that while these operations do not have to apply for permits, they do have to follow a list of general requirements. These requirements are similar to the requirements for generator of dry litter. A summary of these requirements is provided below.

1. Litter shall not be stockpiled within 100 feet of perennial streams or wells.

2. Litter shall not be left uncovered for more than 15 days.

   Note that even if the above requirements are met, it is still the responsibility of the hauler to make sure that there is no discharge to waters of the State.

3. For land application, a setback of 25 feet from perennial streams must be maintained. However, land appliers should be aware of setbacks from all ditches and intermittent streams. Runoff of litter due to improper land application can lead to discharges which can result in violations or enforcement actions.

4. Litter shall be applied at rates that do not exceed the agronomic rate of the receiving crop. The rates may be based on NCDA&CS soil test recommendations or NRCS Standards (realistic yield expectations). For more information on realistic yield expectations, contact a technical specialist with the Cooperative Extension Service, NRCS, NCDA&CS, or your local Soil and Water Conservation District.

   The State average N content for dry litter as shown in the *North Carolina Agricultural Chemical Manual* published annually by NCSU may be used to calculate application rates in lieu of individual waste analysis; however, waste analysis is still required. Info on waste analysis procedures is available from the Cooperative Extension Service, publication number AG-439-33, *Soil Facts: Waste Analysis*, at http://www.soil.ncsu.edu/publications/Soilfacts/AG-439-33/

5. Fields that receive litter from a manure hauler must have a soil analysis that is less than three years old. The standard soil fertility analysis is available from NCDA&CS. Information on soil sampling procedures is available from the Cooperative Extension Service, publication number AG-439-30, *Soil Facts: Careful Soil Sampling – The Key to Reliable Soil Test Information*, at http://www.soil.ncsu.edu/publications/Soilfacts/AG-439-30/

6. Registration Requirements: All manure haulers that haul over 100 tons of litter in a calendar year must register with the Division of Water Quality. Haulers can contact the Animal Feeding Operations

AQUIFER PROTECTION SECTION
1636 Mail Service Center, Raleigh, North Carolina 27699-1636
Location: 2728 Capital Boulevard, Raleigh, North Carolina 27604
Phone: 919-733-3221 \ FAX 1: 919-715-0588; FAX 2: 919-715-6048 \ Customer Service: 1-877-623-6748
Internet: www.ncwaterquality.org

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Unit at (919) 807-6464 for information on how to register, or the form may be downloaded at the following website:
http://portal.ncdenr.org/web/wq/aps/afo/apps

7. Annual Reporting Requirements:
    - Haulers that land apply more than 100 tons but less than 750 tons of litter shall submit an annual report that includes:
        - Name, mailing address, and phone number of the hauler
        - Date, location, and amount of all animal waste received
        - Date, location, amount, and acreage of all land application
    - Haulers that land apply more than 750 tons of litter shall submit an annual report that includes:
        - Name, mailing address, and phone number of the hauler
        - Date, location, and amount of all animal waste received
        - Date, location, application rate, acreage, waste analysis, and receiving crop of all animal waste land applied
        - All reports are due by March 1, covering the previous year.

The annual reporting forms may be downloaded from the following website:
http://portal.ncdenr.org/web/wq/aps/afo/report

For dry litter operations that give away/sell all litter to a 3rd party or hauler:

- If the 3rd party applies litter to land that is owned by the litter generator, then that land must be included in the litter generator's Waste Utilization Plan.
- If the 3rd party hauls litter away, and applies it to fields not owned by the litter generator, then the litter generator does not need to have fields listed in the Waste Utilization Plan. In this case, the manure hauler requirements listed above would apply.

Questions:

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