



PAT MCCRORY

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December 3, 2015

**MEMORANUDUM**

To: Animal Waste Technical Specialists  
Animal Operation Permit Holders

From: Jon Risgaard, Section Chief   
Water Quality Regional Operations Section

Re: Temporary Overseed Plant Available Nitrogen (PAN) Rate Modifications due to Extended Heavy Rainfall

Due to extended heavy rainfall events in North Carolina in 2015, many animal operations face challenges with maintaining sufficient freeboard levels in waste lagoons. By and through this memo, the Division of Water Resources (DWR) will allow a **one year temporary modification** of waste application rates for Bermudagrass fields oversown with winter annual forage. This modification is in effect and available for all North Carolina counties for the 2015-16 oversown winter annual crop.

The following conditions apply to this modification. Please be sure to follow all of these conditions and the attached November 25, 2015 letter from Tim Hall, NCDA&CS Regional Agronomist in order to avoid a violation of your Animal Waste Permit:

1. The temporary waste utilization plan modification must be documented by a certified technical specialist and records maintained in compliance with the facility's permit.
2. Farms which choose to operate under this one-year variance are certifying that the winter annual forage has been properly sown and has come up.
3. Bermudagrass fields oversown with winter annual forage will be allowed to convert for one winter from the 50 lb/acre PAN rate to the 100 lb/acre PAN rate.
4. The split application window normally required for the 100 lb/acre PAN rate will be waived under the following limitations:
  - a. PAN applied during the two-month period of December and January will be limited to 25 lb/acre
  - b. PAN applied after February 29 shall be charged against the PAN rate allowed for the bermudagrass component of the system.
5. The winter annual component must be adequately grazed or mechanically harvested by April 15 in order to minimize suppressive effects on the bermudagrass component of the system.

For animal operations that are interested in other land application modifications, consult with an NCDA&CS Regional agronomist or certified crop advisor in accordance with Appendix 1.20 of the 9<sup>th</sup> 1217 Guidance Document.

If you have any questions related to this extension and how it may apply, please contact Christine Lawson, Animal Feeding Operations Program Manager at (919) 807-6354.