

Technical Review Committee: Animal Waste Policy Workgroup

September 1, 2015: 1:30pm – 4:00pm

Archdale Building, 4th floor conference room

512 N. Salisbury St., Raleigh, NC

Teleconference phone number: 919-212-5733

To join the Connect Pro meeting: <https://ncag.adobeconnect.com/trc/>

Draft Agenda

- I. Introductions
- II. Soil and Water Conservation Commission Actions
Approved revisions to the Livestock Mortality Management System BMP
- III. Review of existing BMPs that may require temporary policy exceptions should High Pathogenic Avian Influenza impact NC
Division staff is working with the Department's legal counsel to draft language for a temporary flexibility in administration of Soil and Water Conservation Commission BMP policies if the Governor, Commissioner of Agriculture or State Veterinarian declare a state of emergency to respond to catastrophic mortality. *Meeting scheduled September 3rd (rescheduled from August 21st).*

The following BMPs may be impacted when responding to catastrophic mortality:

- A. [Livestock Mortality Management System](#) (policy 12)
 - a. Multiple systems may need to be incorporated on a single farm.
 - b. NRCS standard referenced: [Animal Mortality Facility](#) (316)
 - i. Conditions where practice applies: *In cases of disease related to catastrophic mortality, this standard is applicable only when directed by the appropriate state or federal authority (typically the state veterinarian or USDA Animal and Plant Health Inspection Service) to use the methods in this standard.*
- B. [Dry stack](#)
 - a. NRCS standard referenced: [Waste Storage Facility](#) (313)
- C. [Manure composting facility](#)
 - a. Existing manure composting facility may need to include mortality.
 - b. NRCS standards referenced:
 - i. [Composting Facility](#) (317)
 - ii. [Nutrient Management](#) (590)
- D. [Crop residue management](#)
 - a. Exception if crop residue (e.g. wheat straw, corn stover) is harvested and stockpiled as a potential carbon source for composting mass mortalities.
 - b. NRCS standards referenced:
 - i. [Conservation Crop Rotation](#) (328)
 - ii. [Residue and Tillage Management, No-Till](#) (329A)
 - iii. [Cover Crop](#) (340)
- E. Long-term no till

- a. Exception if crop residue (e.g. wheat straw, corn stover) is harvested and stockpiled as a potential carbon source for composting mass mortalities.
 - b. NRCS standards referenced:
 - i. [Conservation Crop Rotation](#) (328)
 - ii. [Residue and Tillage Management, No-Till](#) (329A)
 - iii. [Residue and Tillage Management, Reduced Till](#) (345)
 - iv. [Cover Crop](#) (340)
 - F. [Three year conservation tillage \(both cropping variations\)](#)
 - a. Exception if crop residue (e.g. wheat straw, corn stover) is harvested and stockpiled as a potential carbon source for composting mass mortalities.
 - b. NRCS standards referenced:
 - i. [Residue and Tillage Management, Reduced Till](#) (345)
 - ii. [Residue and Tillage Management, No-Till](#) (329)
 - iii. [Cover Crop](#) (340)
 - G. [Agricultural road repair/stabilization](#)
 - a. Excessively heavy (atypical) truck traffic will be associated with an HPAI positive facility
 - b. NRCS standards referenced:
 - i. [Critical Area Planting](#) (342)
 - ii. [Access Road](#) (560)
 - H. [Nutrient Management](#)
 - a. Adding fields to existing waste plans (amendment) for applications of finished mortality compost.
 - b. NRCS standards referenced: [Nutrient Management](#) (590)
 - I. [Storm water management system](#)
 - a. Modify or add to system to manage stormwater for outdoor composting or stockpile of mortality compost.
 - b. NRCS standards referenced:
 - i. [Roof Runoff Structure](#) (558)
 - J. [Waste Treatment Lagoon/Storage Pond](#)
 - a. One or several facilities may be able to add mortality to an existing covered lagoon/methane capture system.
 - b. NRCS standards referenced:
 - i. [Nutrient Management](#) (590)
 - ii. [Waste Treatment Lagoon](#) (359)
 - iii. [Waste Storage Facility](#) (313)
- IV. Review revisions proposed to BMPs during last meeting.
- With the approval of edits from this workgroup, we will present these revisions as recommendations for the TRC's consideration. Once the TRC has reviewed, edited and approved these revisions, they can present to the Soil and Water Conservation Commission for consideration.
- A. Closure – waste impoundments
 - B. Concentrated nutrient source management system (no changes recommended)
 - C. Constructed wetlands – removal no longer recommended, districts are occasionally using this BMP
 - D. Dry stack (no changes recommended)
 - E. Feeding/waste storage structure

- F. Heavy use are protection – see revisions
- G. Insect control practice
- H. Lagoon biosolid removal incentive
- I. Livestock mortality management system (changes completed)
- J. Manure composting facility – sent to compost workgroup – meeting held on August 13, 2015. Provide status update from Lisa Fine for both manure and mortality composting BMPs revisions.
- K. Manure/litter transportation incentive
- L. Odor control management system
- M. Retrofit of on-going animal operations
- N. Solids separation from tank-based aquaculture production
- O. Storm water management system – send to TRC for discussion
- P. Waste application systems
- Q. Waste treatment lagoon/storage pond