







Waste Management BMP Workgroup

<u>Goals</u>

- Update the NC ACSP BMP policies that address livestock waste management
- Review in groups of 3-4 through FY2024-2025
- Have all the BMPs updated by FY2026 to align with the next Average Cost List Update







Waste Management BMP Workgroup

Membership

Brandi Talton – Wayne SWCD James Lamb – SWCC, Sampson Supervisor

Adam Hilton – Davidson SWCD Alex Jones – NCDA

James Vincent – Pitt SWCD Rick McSwain – DSWC

Henry Faison – Sampson SWCD Michael Shepherd – DSWC

Jessica Perrin – Orange SWCD Sam Edwards – DSWC

Lee Holcomb – NRCS Mark Seibert – DSWC

Stephanie Kulesza – NCSU Chris Love – DSWC

Christine Lawson – DWR John Beck – DSWC







Waste Management BMPs

SWCC Approved

Dry Stack

Lagoon **Biosolids** Removal

Waste **Impoundment** Closure

Manure/Litter Transport

going Animal

TRC Approved

Odor Control Management System

Storm Water Management **System**

Waste Treatment Lagoon/Storage Pond

Workgroup Approved

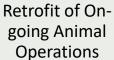
Heavy Use Area Protection

Manure Composting Facility

In-Progress

Feeding/ **Waste Storage** Structure

Livestock Mortality Management System



Solids Separation from Tank/ Racewaybased Aquaculture Production

Constructed

Wetlands

Waste

Application

System

Concentrated

Nutrient Source

Management

System

Insect Control

Practice





Odor Control Management System

- Updated cost guidance for items not on the Average Cost List
- Added standard WMP requirement language
- Maintenance period to be addressed in Subcommittee letter
- Updated JAA to include PE or NRCS JAA

Action requested: *Approve the Odor Control Management System BMP revisions*







Storm Water Management System

- Added standard WMP requirement language
- Added DWR design approval requirement for permitted facilities
- Updated JAA to include PE or applicable existing JAA on a case-by-case basis with Division approval
 - Division approval needed to create special components for systems not on the average cost list

Action requested: Approve the Storm Water Management System BMP revisions







Waste Treatment Lagoon/Storage Pond

Two types of animal waste ponds are combined in one policy:

- Lagoon: biological treatment and storage of animal waste
- Storage Pond: temporary storage of animal waste, wastewater and polluted runoff

- This BMP is not for expanded operations.
- Utilized where updates to the animal waste management system are needed and the retrofit BMP does not apply.







Waste Treatment Lagoon/Storage Pond

<u>Updates</u>

- Design standard reference: Waste Treatment Lagoon (359) or Waste Storage Facility (313)
- Landowner permit requirement, Pre-construction conference
- O&M, Certificate of Completion, as-builts, DWR notification requirements
- Standard WMP requirement language
- References Retrofit of On-Going Animal Operations BMP for closing existing lagoons/ponds

Action requested: Approve the Waste Treatment Lagoon/Storage Pond BMP revisions









Flash Grazing Update

Progress from last meeting:

- Integrated previous TRC comments
- Included NRCS state grazing specialist recommendations
- Met in small groups with 18 District staff
- → Revised flash grazing provisions incorporate ideas from each







Flash Grazing Update

- Updated flash grazing provisions were presented to the TRC on 2/26
 - new recommendations are being applied
- Proposing adding flash grazing provisions to a new fencing BMP
 - Current "Livestock Exclusion Fencing" BMP remains as is







Flash Grazing Outstanding Items

- 1. Retroactive approval for previous projects
- 2. Annual spot checks requirement
- 3. SWCC job approval authority for Access Control





