

Storm Water Management System

Definition/Purpose

A Storm Water Management System means a system of collection and diversion practices (guttering, collection boxes, diversions, etc.) to prevent unpolluted storm water from flowing across concentrated waste areas on animal operations. (DIP)

Policies

1. Storm Water Management System components must adhere to existing-current NCACSP policies and NRCS standards.
2. Storm Water Management Systems may be included in contract(s) for retrofitting animal operations (see Retrofit of On-going Animal Operations BMP), either as a new component to an existing waste management system when the existing waste management system lacks appropriate storm water management for certification or as a component to a new animal waste management system which requires storm water management for certification.
3. Funds will not be allowed for roofing a gravel or concrete heavy use area in a pasture. For confined operations, a roof may be cost shared if the engineer certifies that a roof is the most cost-effective means of managing storm water runoff to the waste collection system and the pad or heavy use area to be roofed was built at least 3 years prior to the date of cost share application.

—Guttering can be cost shared when it is to be installed on existing structures which were built at least 3 years prior to the date of cost share application or when it is to be installed on new cost shared structures included in the plan. The Average Cost Guide List includes the costs of labor and installation.
4. An approved waste management plan that meets NRCS standards is required for all contracts. The plan must be revised, if necessary, to meet any changes in the operation which alter the waste management needs of the operation.
- 4.5. Any system that is a component of a waste collection system associated with a permitted animal facility, shall submit the design to Division of Water Resources (DWR) Animal Feeding Operations (AFO) and receive approval prior to start of construction.

Agriculture Cost Share Program

STORMWATER MANAGEMENT SYSTEM	
Maintenance Period	10 years
BMP Units	EACH
Required Effects	ANIMAL TYPE
	ANIMAL UNIT
	ACRES_AFFECTED
	N and P Waste Managed
JAA/NRCS standards unless otherwise noted	<u>Professional Engineer</u> <u>Or</u> <u>JAA for Applicable Stormwater Management BMP(s). Division approval required.</u> <u>NRCS – ENG – 558 – Roof Runoff Structure</u> <u>NRCS – ECS- 362 – Diversion</u> <u>NRCS – ENG – 367 – Roofs and Covers</u> <u>Division or NRCS Area Office approval required.</u>
	<u>Applicable NRCS Field Office Technical Guide standards, including:</u> <u>NRCS - ENG - 558 - Roof Runoff Structure</u> <u>NRCS - ECS- 362 - Diversion</u> <u>NRCS - ENG - 367 - Roofs and Covers</u> <u>NRCS – ENG – 554 - Drainage Water Management</u> <u>NRCS – ENG – 570 – Stormwater Runoff Control</u> <u>NRCS – ENG – 620 - Underground Outlet</u> <u>NRCS – ENG - 410 – Grade Stabilization Structure</u>
CS2 Reference Materials	NC-ACSP-11 Signature Page
	Map with BMP location, fields, and roads- <u>NC-WMP form</u> <u>Waste Management Plan</u> <u>Division or NRCS Area Office approval letter</u>
Additional Spot-check Requirements	All waste management systems for operations not permitted by the Division of Water Resources must be spot-checked annually for five years following implementation.