# AG. WATER QUALITY ACT



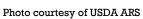




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TECHNICAL ASSISTANCE

**FUNDING ASSISTANCE** 

IMPORTANT CONSIDERATIONS

# STORMWATER MANAGEMENT

### LIVESTOCK BMP #18



#### Description:

Divert rain water to keep it clean and reduce the volume of wastewater that must be managed. Appropriate practices for managing stormwater include but are not limited to: guttering buildings; underground outlets; vegetative filter strips (Livestock BMP #13); lined channels; detention/retention structures; and hardened structures such as rock-lined ditches, grade stabilization structures, and check dams, that divert stormwater away from animal production, waste storage facilities, and also prevent soil erosion associated with high storm runoff flows.

#### AWOA Minimum Requirements:

Divert clean water using gutters, downspouts, and/or other practices to minimize the volume of wastewater that must be managed. Construct and manage stormwater practices in a manner that does not cause further erosion.

#### Recommendations:

Stormwater runoff should be excluded from animals and animal waste (manure) areas to the fullest extent practical. See <a href="Farmstead BMP # 5 Water Harvesting">Farmstead BMP # 5 Water Harvesting</a> for additional information about capturing stormwater for use on the farm.

#### **Technical References**

#### **University Publications**

- AEN-103 Stormwater BMPs for Confined Livestock Facilities
- <u>AEN-135 Rainwater Harvesting for</u> <u>Livestock Production Systems</u>

#### **USDA/NRCS** Publications

- Practice Code 362 Diversion
- Practice Code 558 Roof Runoff
   Structure
- Practice Code 350 Sediment Basin
- Practice Code 356 Dike
- Practice Code 412 Grassed Waterway
- Practice Code 393 Filter Strip
- Practice Code 410 Grade Stabilization
  Structure
- Practice Code 468 Lined Waterway or Outlet
- <u>Practice Code 587 Structure for Water Control</u>
- Practice Code 620 Underground Outlet
- Practice Code 638 Water and Sediment Control Basin

#### **Funding Assistance Options**

#### State Cost Share

 See your local Conservation District to <u>apply</u>.

### Kentucky Ag. Development Fund (KADB/KAFC)

Select from available program options <u>here.</u>

## NRCS Environmental Quality Incentives Program (EQIP)

Select from available program options <u>here.</u>

#### **Important Considerations**

Water Quality Benefit (0-000): 000 (KEY: 0=good, 0000=best: see STEPL Model)

#### Wildlife Benefits

 Contact the Kentucky Department of Fish and Wildlife's <u>Habitat</u> <u>Improvement Program</u> on how to improve wildlife habitat with select BMPs (1-800-858-1549).