

AG. WATER QUALITY ACT



Photo courtesy of USDA ARS



Photo courtesy of Creative Commons



Photo courtesy of USDA ARS

TECHNICAL ASSISTANCE

FUNDING ASSISTANCE

IMPORTANT CONSIDERATIONS

STORMWATER MANAGEMENT

LIVESTOCK BMP #18



Photo courtesy of Creative Commons

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.

AWQA 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 [Farmstead BMP # 5 Water Harvesting](#) for additional information about capturing stormwater for use on the farm.

Technical References

University Publications

- [AEN-103 Stormwater BMPs for Confined Livestock Facilities](#)
- [AEN-135 Rainwater Harvesting for Livestock Production Systems](#)

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](#)
- [Practice Code 587 Structure for Water Control](#)
- [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 [apply](#).

Kentucky Ag. Development Fund (KADB/KAFC)

- Select from available program options [here](#).

NRCS Environmental Quality Incentives Program (EQIP)

- Select from available program options [here](#).

Important Considerations

Water Quality Benefit (🌊-🌊🌊🌊): 🌊🌊🌊
(KEY: 🌊=good, 🌊🌊🌊=best: see [STEPL Model](#))

Wildlife Benefits

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