AG. WATER QUALITY ACT

Photo courtesy of USDA ARS

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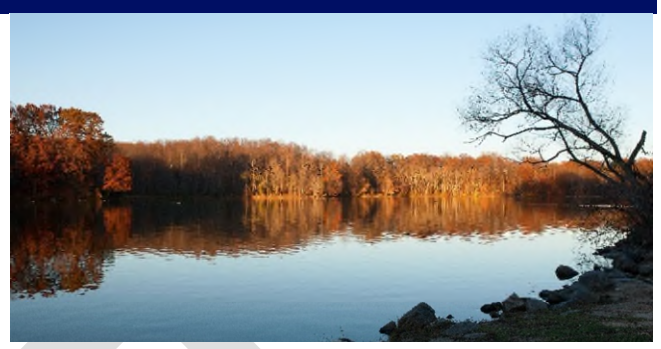

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TECHNICAL ASSISTANCE | **FUNDING ASSISTANCE** | **IMPORTANT CONSIDERATIONS**

MANURE STORAGE STRUCTURES: STACK PADS

LIVESTOCK BMP #10

Photo courtesy of Eden Shale Farm

Description:
A stacking facility constructed of durable materials to temporarily store solid livestock manure or other agricultural waste until it can be removed and properly disposed of on the land.

AWQA Minimum Requirements:
Construct stack pads to provide storage of solid animal manures until it can be properly utilized for fertilizer. Other management components such as manure storage ponds and filter strips may be used effectively with stack pads to reduce nutrient rich runoff from reaching surface water.

Recommendations:
Clean water should be excluded from concentrated manure areas to the fullest extent practical. See Livestock BMP #18 Stormwater Management. Locate where prevailing winds will minimize odors. Locate close to manure source to reduce scraping time. Topography will affect location, design, and amount of excavation. Locate the greatest possible distance from residences, water supplies, and streams. Adhere to local and state regulations that relate to site location and design. Check soils, depth to rock, water table, and topography before locating site and designing structure. As an alternate to storage, you may include in the design an access under the pushoff for daily manure spreading equipment.

Technical References

University Publications
- AGR-165 Agronomics of Manure Use for Crop Production
- AEN-91 Managing Liquid Dairy Manure
- ID-148 Sampling Animal Manure
- IP-57 Potential for Livestock and Poultry Manure to Provide the Nutrients Removed by Crops and Forages in Kentucky
- AGR-146 Using Animal Manure as Nutrient Sources

USDA/NRCS Publications
- Practice Code 313 Storage Facility

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 (💧-💧💧💧💧): 💧

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