AG. WATER QUALITY ACT

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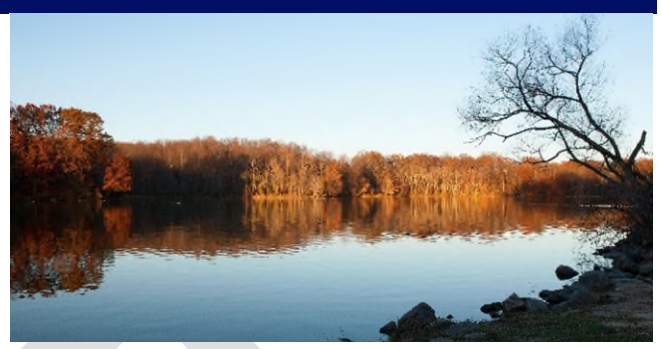

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TECHNICAL ASSISTANCE	FUNDING ASSISTANCE	IMPORTANT CONSIDERATIONS

SEDIMENT/SOLIDS SEPARATION BASINS

LIVESTOCK BMP #9

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Description:
A structure that temporarily restrains runoff and permits liquids to drain gradually to a holding pond, lagoon, or infiltration area. Solids remain in the basin for drying and later removal for field application.

AWQA Minimum Requirements:
Construct a sediment or solids separation basin, generally a shallow basin designed for low velocities and the accumulation of settled materials between the manure source and manure storage or treatment facilities. An infiltration area may be utilized to further treat effluent.

Recommendations:
Maintain fence around the pipe. Design and size basin appropriately for expected sediment/solids load. Plan for routine maintenance and removal of settled sediment/solids.

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
- USDA/NRCS Field Office Technical Guide

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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