

AG. WATER QUALITY ACT



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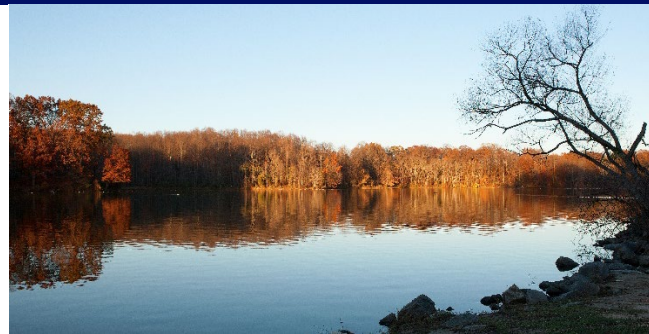


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TECHNICAL ASSISTANCE

FUNDING ASSISTANCE

IMPORTANT CONSIDERATIONS

STORAGE OF DRY BULK PESTICIDES

PESTICIDE & FERTILIZER BMP #4



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Description: Store dry bulk pesticides, including insecticides, herbicides, fungicides, rodenticides, and nematocides, in a way that protects water quality.

AWQA Minimum Requirements:

Dry bulk pesticide storage shall be separated from other containment areas by a six (6) inch curb that extends at least two (2) feet beyond the perimeter of the walls of the storage container. Store in a dry, secure, ventilated area. Locate new storage facilities 100 feet minimum away from on-site wells and sinkholes, 200 feet from private domestic wells, 200 feet from springs and cisterns, and 400 feet from open-throated sinkholes and perennial streams. You can find the definition of a sinkhole in [401 KAR 5:002](#) where it states that a sinkhole “means a naturally occurring topographic depression in a karst area. Its drainage is subterranean and serves as a recharge source for groundwater. It is formed by the collapse of a conduit or the solution of bedrock.” An open-throated sinkhole is a sinkhole with an internal opening or drain, including a cave, proto-cave, conduit,

sub-conduit, or fissure, leading into the subsurface through which water and other materials can pass from the sinkhole into underlying solutional voids and conduits. Open throats may be air-filled or water-filled.

Technical References

[Kentucky Department of Agriculture, Division of Environmental Services](#)

[REPORT A RELEASE IMMEDIATELY](#) to the Kentucky Energy & Environment Cabinet at 502-564-2380 or 800-928-2380.

[University of Kentucky Cooperative Extension Service](#)

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](#))