## STORAGE OF DRY BULK FERTILIZER

### PESTICIDE & FERTILIZER BMP #1

**Description:**
Store dry bulk fertilizer in a way that protects water quality by maintaining minimum distances from water resources.

**AWQA Minimum Requirements:**
Locate new storage facilities 100 feet minimum away from on-site wells and sinkholes, 200 feet from private domestic wells, 200 feet from springs, cisterns, and 400 feet from open-throated sinkholes and perennial streams. Sinkholes are defined in 401 KAR 5:002, which states sinkholes are “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. Store fertilizers and pesticides separately from one another and away from foodstuffs and feed. Check storage areas frequently for leaks and spills. Clean up spills immediately.

**Technical References**
- Design Manual: Designing Facilities for Pesticide and Fertilizer Containment Midwest Plan Service, Ag and Biosystems Engineering Department 122 Davidson Hall, Iowa State University, Ames, IA 50011-3080.
- Kentucky Certified Crop Advisor Training Manual University of Kentucky College of Agriculture in association with the Kentucky Certified Crop Administration Board.
- Kentucky Department of Agriculture, Division of Environmental Services

**Funding Assistance Options**
- **State Cost Share**
  - No cost share assistance is currently available for this practice.
- **Kentucky Ag. Development Fund (KADB/KAPC)**
  - 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)

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