

AG. WATER QUALITY ACT



Photo courtesy of USDA ARS



Photo courtesy of Creative Commons

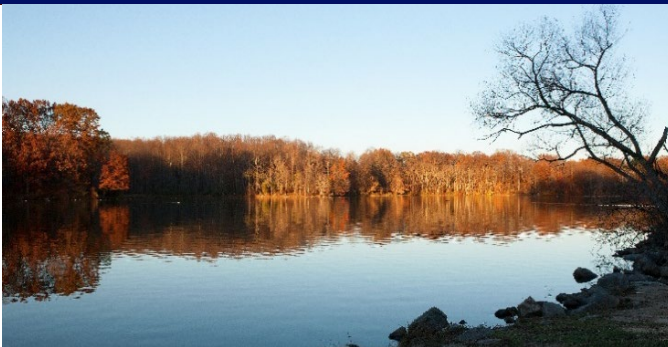


Photo courtesy of USDA ARS

Technical Assistance	Funding Assistance	Important Considerations
----------------------	--------------------	--------------------------

SINKHOLES, SINKING STREAMS & CAVES

SILVICULTURE BMP #4

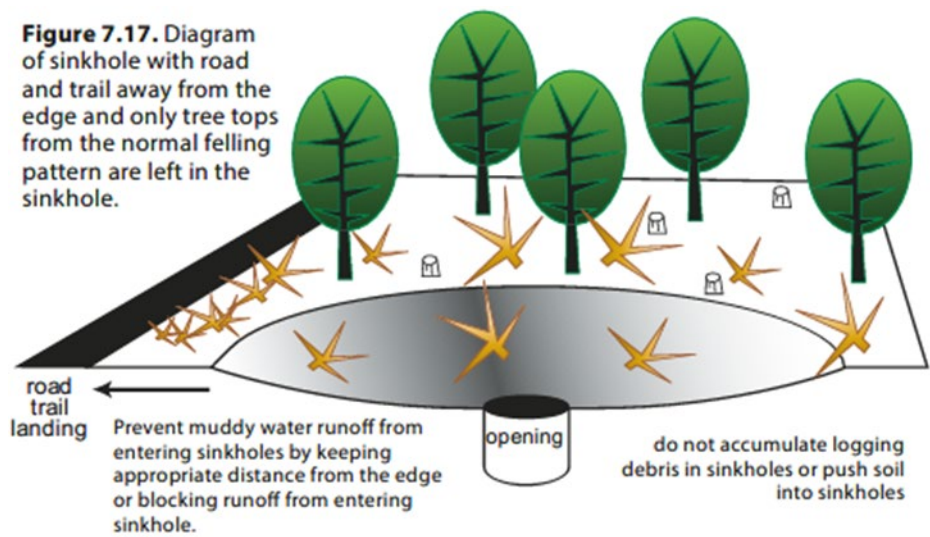


Figure Courtesy of Kentucky Logging BMP Field Guide

Description:
Protect sinkholes, sinking streams, caves, and other depressions in karst topography from disturbance or runoff.

AWQA Minimum Requirements:
Runoff from roads, trails, and landings shall not drain into **sinkholes, sinking streams, or caves**. (Note that if runoff does enter a sinkhole, a UIC (Underground Injection Control) permit may be required.) Soil and logging debris shall not be concentrated or actively accumulated in a sinkhole.

Recommendations:
Disturbing soil in sinkholes with open swallets should be avoided. However, each case can be evaluated individually. Reestablish vegetation on disturbed areas as quickly as possible. Divert runoff away from openings in sinkholes.

Technical References	Funding Assistance Options	Important Considerations
University Publications - See “Sinkholes” in the current version of Kentucky Forest Practice Guidelines for Water Quality Management for detailed specifications concerning silvicultural activities in SMZs. - See MR 4.1 and 4.2 in Kentucky Logging BMP Field Guide on page 14 and throughout.	State Cost Share See your local Conservation District to apply. Kentucky Ag. Development Fund (KADB/KAFC) - Select from available program options. NRCS Environmental Quality Incentives Program (EQIP) - Select from available program options.	Water Quality Benefit (): (KEY: =good, =best: see PLET interface) Wildlife Benefits Contact the Kentucky Department of Fish and Wildlife’s Habitat Improvement Program how to improve wildlife habitat with select BMPs (1-800-858-1549).