

Livestock *Water Supply*

Miami County Alternative Water Supply Project

Project Profile

Landowner(s): Multiple

Location: Miami County

Focus Area: Stream & Riparian Area

Habitat Restoration: 15 ponds fenced

Project Year: 2004

Project Cost: \$20,000



This multiple landowner project was submitted to the KAWS Eastern I-70 Chapter. The Miami County Conservation District received \$20,000 from KAWS to help landowners install livestock water tanks and fence their existing ponds. To receive cost-share assistance, the pond must be fenced. 15 ponds were improved with these funds. The Miami County Conservation District believes that much benefit can be provided by installing livestock water tanks to provide a source of water for livestock year around. Research from universities has shown that the availability of



water from a livestock tank will reduce livestock's use of a stream approximately 80%. Along with the protection of the stream from livestock use, this practice also protects the pond from erosion by livestock trampling the water's edge. The ponds provide filtering of the water before the water reaches the stream. It's important we maintain the capacity of ponds for this added protection. Combined, these projects affected 133.2 acres in Miami County, which included pond buffers and riparian protection.