

# Lost Creek Watershed Dam No. B-2 Rehabilitation Project Newton County, Missouri

**Fact Sheet**  
February 2016

## History of the Dam:

Lost Creek Watershed Dam No. B-2 is located in Newton County, Missouri, two miles east of Racine and upstream from Seneca. The dam was constructed in 1980 and provides flood protection for agricultural lands, roads, railroads and the town of Seneca.

The dam was constructed by local watershed project sponsors with assistance from the USDA Natural Resources Conservation Service (NRCS) Watershed Program.

The dam is one of five such dams, along with three debris basins, located within the Lost Creek Watershed Project. Combined, the dams provide flood prevention for agricultural lands and the 2,220 people in Seneca and 3,507 surrounding county residents.



Three feet of the top of the concrete principal spillway tower was cut off to lower the spillway inlet.



The earthen auxiliary spillway was lowered in elevation and widened.

## Why Rehabilitate the Dam?

The dam was constructed as a low hazard dam to protect agricultural lands, but in 2002 was reclassified as a high hazard dam due to the possible loss of life if the dam were to fail. There are seven houses, U. S. Highway 86, State Highway CC, State Highway K and Bluff Street in Seneca that could be affected if the dam failed. The Missouri Dam and Reservoir Safety Council would not issue a permit to sponsors for the dam until it was brought up to current safety standards.

The dam was rehabilitated in 2010 to bring it up to current safety criteria.

## Rehabilitation Details:

The top of the dam was raised by one foot; the earthen auxiliary spillway elevation was lowered by 3.2 feet and widened from 50 feet to 150 feet; and three feet of the top of the concrete principal spillway tower was cut off to lower the spillway inlet.

## Project Cost:

The NRCS provided technical assistance and 65 percent of the project cost. Local project sponsors provided 35 percent of the cost. Rehabilitation cost was \$221,203. Sponsors paid \$77,421 and NRCS provided \$143,782.

## Benefits:

Rehabilitation of the dam extends the life of the dam for another 100 years. It will ensure the safety of the dam and those citizens living and working downstream and will continue to provide flood prevention benefits.

## Partners:

- Lost Creek Watershed District
- Newton County Soil and Water Conservation District
- Newton County Commission
- City of Seneca, Missouri
- USDA Natural Resources Conservation Service

## For More Information Contact:

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