

Little Sandy Trail Creek Dam No. 1 Rehabilitation Project Madison County, Georgia

Fact Sheet
January 2014

History of the Dam:

The dam was originally constructed in 1971 to protect downstream agricultural lands from flooding. It is one of six flood control dams that have been constructed in the Little Sandy Trail Creek Watershed Project.

The dam was constructed by local watershed project sponsors with the assistance of the USDA Natural Resources Conservation Service (NRCS) Watershed Protection and Flood Prevention Program.



The auxiliary spillway width was increased to handle a larger water flow to protect the dam.



The rehabilitation project was completed in April 2012.

Partners:

Georgia Soil and Water Conservation Commission
Broad River Soil and Water Conservation District
Madison County Board of Commissioners
USDA Natural Resources Conservation Service

Why Rehabilitate the Dam?

The dam was originally designed as a significant hazard dam with a 50-year design life. Population growth in the area and downstream from the dam since 1970 now means many downstream residents might be at risk if the dam were to fail. The Georgia Department of Natural Resources, Safe Dams Program, reclassified the dam as high hazard because it no longer met current dam safety criteria.

Rehabilitation Details:

Rehabilitation included widening the auxiliary spillway and increasing the low stage orifice height of the principal spillway riser. Rehabilitation of the dam brought it up to current State dam safety criteria and extended its life and its benefits for another 100 years.

Project Cost:

Rehabilitation of the dam cost \$260,000 with NRCS providing \$170,000 for design and construction costs and project sponsors providing \$90,000 for land rights and construction. Federal funds for the project came from the American Recovery and Reinvestment Act of 2009.

Benefits:

Rehabilitation ensures the dam remains safe and continues to provide benefits for residents. The dam reduces the potential for flooding of homes, Seagraves Dam and ten roads, providing an estimated annual flood damage reduction of \$41,032.

The rehabilitation project not only provides direct benefits to the immediate area but also provides resource conservation, economic benefits and public safety benefits that extend well beyond that area.

For More Information Contact:

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