

# Bull Creek Watershed Dam No. 12 Rehabilitation Project Muscogee County, Georgia

Fact Sheet  
April 2021

## ***History of the Dam:***

Bull Creek Dam No. 12 was constructed in 1965 with the assistance of the USDA Natural Resources Conservation Service (NRCS) Watershed Program. It is one of eleven dams constructed in the Bull Creek Watershed in Muscogee County.

The dam was designed as a high hazard dam for flood protection. During a Water Resources Site Analysis Computer Program (SITES) analysis it was found the dam would overtop the dam during freeboard hydrograph storm events where eleven unregulated upstream dams will release their normal flood pool storage during the storm in progress.

According to the SITES analysis the auxiliary spillway would activate and could potentially breach during the design storm event.

The estimated population at risk for such an event is 1,132. If the dam failed it could cause significant loss of lives, property and infrastructure downstream.

The dam is being rehabilitated to bring it up to current NRCS dam safety criteria.



Dam before rehabilitation

## ***Why Rehabilitate the Dam?***

The Bull Creek Watershed has seen significant urban development since the construction of this dam. There are more than 263 residential and commercial structures that have been identified as potential hazards in the breach zone.

## ***Rehabilitation Details***

Installing a labyrinth crested weir was chosen as the preferred alternative for rehabilitation.

## ***Project Cost:***

The total construction cost will be an estimated \$5,997,600. Construction is scheduled to begin by July 2021.

The NRCS is providing technical assistance and 65 percent of the design and construction cost. Project sponsors are providing easements and land rights for the project and 35 percent of the cost.

## ***Benefits:***

Rehabilitation will extend the life and benefits of the dam for another 100 years and provide flood protection for rural areas and homes and businesses downstream.

## ***Partners:***

- Georgia Soil and Water Conservation Commission
- USDA NRCS

## ***For More Information Contact:***

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