

# Calaveras Creek Watershed Dam No. 10 Rehabilitation Project Bexar County, Texas

**Fact Sheet**  
January 2017

## **History of the Dam:**

Calaveras Creek Watershed Dam No. 10 is located twenty miles southeast of San Antonio, Texas. The dam was constructed in 1958 by San Antonio River Authority and the Alamo Soil and Water Conservation District with the assistance of the Natural Resources Conservation Service (NRCS) Watershed Program.

The dam is one of seven dams in the Calaveras Creek Watershed project that were constructed to provide flood control for agricultural lands.



A new concrete inlet tower and a 42-inch diameter reinforced concrete conduit were installed during rehabilitation of the dam.

## **Why Rehabilitate the Dam?**

The dam was originally designed as a high hazard dam in a rural setting with a 50-year design life. Since construction of the dam there have been changes in land use and population in the watershed, and in the required dam safety standards.

The population of Bexar County increased from 830,000 in 1970 to 1.8 million in 2014. Due to increased traffic on Highway Loop 1604 and development downstream from the dam the Texas Commission on Environmental Quality and NRCS both concurred that the dam no longer met current criteria for a high hazard dam and it needed to be rehabilitated.

## **Rehabilitation Details:**

The project consisted of removing an existing spillway inlet and installing a new inlet; installing a new 42-inch diameter reinforced concrete conduit; installing a new impact basin and a cut-off wall; and raising the top of dam elevation. The project began in 2015 and was completed in the summer of 2016.

## **Project Cost:**

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

The total construction cost of the rehabilitation project was \$4,770,931. Federal funds for the project came from NRCS Small Watershed Program Rehabilitation funds.

## **Benefits:**

Rehabilitation of the dam brought it up to current State dam safety criteria and extended its life and its benefits for another 50 years.

The dam currently provides flood protection for 22 houses, Highway Loop 1604, four county roads and agriculture land. Future development is expected downstream of the dam due to its location in proximity to San Antonio.

## **Partners:**

San Antonio River Authority  
Alamo Soil and Water Conservation District  
Wilson County Soil and Water Conservation District  
USDA Natural Resources Conservation Service

## **For More Information Contact:**

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