

Plum Creek Watershed Dam No.10 Rehabilitation Project Hays County, Texas

Fact Sheet
August 2023

History of the Dam:

The Plum Creek Watershed Dam was constructed in 1962 by local watershed project sponsors with the assistance of the USDA Natural Resources Conservation Service (NRCS) Watershed Program. The dam is located near the City of Buda, which is directly south of Austin.

The dam was originally constructed for flood prevention, and it is classified as a high hazard dam due to the risk of property damage and loss of lives downstream if the dam were to fail.

The dam is one of twenty-eight flood control dams that have been constructed in the Plum Creek Watershed in Caldwell and Hays Counties.



A roller compacted concrete spillway was constructed as part of the rehabilitation project.

Why Rehabilitate the Dam?

The dam was designed for a 50-year life span and is now 55 years old and it didn't not meet current dam safety standards for a high hazard dam.

The dam is being rehabilitated to meet high hazard classification standards, to ensure it remains safe and continues to provide flood prevention and to extend its life for another 100 years.

Rehabilitation Details

Rehabilitation included:

- Construction of a roller compacted concrete (RCC) spillway,
- A larger principal spillway pipe
- A new principal spillway riser
- The decommissioning of the existing auxiliary spillway.

Project Cost:

The project began in July 2021 and is projected to be completed by September 2023.

The total cost of the project is \$4.9 million. The NRCS provided funding for the cost of planning and design and 65 percent of the construction cost. The Texas State Soil and Water Conservation Board provided 33.25 percent of the construction cost and the Plum Creek Conservation District is providing 1.75 percent.

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:

- Plum Creek Conservation District
- Texas State Soil and Water Conservation Board
- USDA NRCS

For More Information Contact:

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