

# Dry Creek Debris Basin Rehabilitation Project Utah County, Utah

Fact Sheet  
September 2020

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

The Dry Creek Debris Basin Dam was constructed in 1962 as a high hazard dam. In recent years it was earmarked for upgrading by the North Utah County Water Conservancy District to bring it up to current federal standards and extend the life of the structure for another 57+ years.

Originally the debris basin was constructed for flood control by the conservancy district with the assistance of the Natural Resources Conservation Service (NRCS) Watershed Program.

Through the partnership of the conservancy district, Lehi City, City of Highland and NRCS the rehabilitated structure will not only improve dam safety and flood control, but will also add irrigation water storage capacity for Lehi City and provide a new recreational area that will include fishing, swimming, and non-motorized boating.



A large concrete spillway is being constructed as part of the rehabilitation project.

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

The purpose and need for the rehabilitation project is to upgrade the Dry Creek Dam and Debris Basin to meet current USDA-NRCS and Utah State Dam Safety regulations and current engineering standards and extend the life of the structure.

## ***Rehabilitation Details:***

The project will raise the dam by four feet, raise the auxiliary spillway by five feet, replace the principal and auxiliary spillways, add downstream improvements for earthquake resistance, excavate sediment, and add additional measures to maintain a constant pool of water in the basin.

The project will extend the life of the dam for another 57 years, or longer with sediment removal and will be completed in early 2021.



The upper end of the debris basin is being covered with concrete for easier sediment removal.

## ***Project Cost:***

NRCS is providing 65 percent of the project cost. Utah Department of Natural Resources (DNR) is contributing 31.5 percent towards portions related to dam safety. The remaining portion is being paid by the Sponsor and Lehi City, with Lehi City paying for the amenity costs.

## ***Benefits:***

The rehabilitation project will improve flood protection, add irrigation water storage capacity and provide a new recreational area for Lehi City, City of Highland and surrounding areas.

## ***Partners:***

North Utah County Water Conservancy District  
Lehi City; City of Highland  
Utah DNR; USDA NRCS

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

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