



Figure 1 - Dam Embankment Construction



Figure 2 - Spillway



Figure 3 - Outlet Piping



Figure 4 - Riprap Placement



Figure 5 - Spillway Channel Riprap Armoring

Project Description

The Town of Gypsum purchased the LEDE Ditch and LEDE Reservoir water rights in 2006. The reservoir is located in the headwaters of Gypsum Creek, south of Gypsum within the White River National Forest. The original water rights were decreed for irrigation uses, and provide storage of up to 947 AF in the reservoir. The Reservoir was originally built to a capacity of 431 AF. In order to accommodate continued agricultural irrigation, and for future water supplies to the Town, the project was designed to increase capacity to 947 AF. This upstream storage is required to assist in managing Gypsum Creek water rights calls and dry year operations. The reservoir storage will become even more important as the Town's population continues to increase.

With this project, the Town repaired and improved the reservoir to utilize its full potential, protecting valuable senior storage rights in the reservoir. Design and permitting commenced in 2009/2010, pipeline construction started in late 2009, and dam construction completed in 2016.

P R O J E C T D A T A		
<i>Sponsor:</i> Town of Gypsum	<i>County:</i> Eagle	<i>Water Source:</i> Gypsum Creek
<i>Type of Loan:</i> Reservoir Rehabilitation and Enlargement		<i>Board Approval Date:</i> May 2009
<i>Loan Terms:</i> 4.5% for 30 years (Original) \$2,689,731 (Final) \$2,689,731		<i>WSRF Funding:</i> \$225,000
<i>Design Engineer:</i> Zancanella and Associates		
<i>Contractor:</i> Hobbs Construction		