



Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Company's ditch system. Floodwaters destroyed the diversion dam, caused heavy sedimentation in the ditch, and damaged 750 LF of ditch. Temporary repairs were completed in order to allow the Company to divert a portion of its water rights during the 2014 irrigation season. This loan provided construction funds for the permanent repairs to the diversion dam. The historic at-grade concrete dam washed out by the flood was replaced with a grouted rock ramp structure that in addition to ensure the Company could divert its full water right, provided added benefits to fish and recreational users. The structure was designed to facilitate fish passage at a variety of flows, including a fish passage notch for low flow fish passage. The design also created hydraulic conditions across the grouted rock ramp and in the tail water pool allowing for recreational use. The Company worked with FEMA to fund a portion of the permanent repairs. Construction occurred from fall 2014 to spring 2015. The final FEMA Project Closeout meeting is pending.

P R O J E C T D A T A		
<i>Sponsor:</i> Supply Irrigating Ditch Repair Project	<i>County:</i> Boulder	<i>Water Source:</i> Saint Vrain Creek
<i>Type of Loan:</i> Ditch Rehabilitation		<i>Board Approval Date:</i> November 2014
<i>Terms of Loan:</i> \$324,210 at 2.25% for 30 years		
<i>Design Engineer:</i> S ₂ O Design		
<i>Contractor:</i> Environmental Excavation, LLC		