

**TWO RIVERS WATER COMPANY
ORLANDO RESERVOIR REHABILITATION PROJECT**



Finished project photos of the Orlando Reservoir and the Cucharas No. 5 spillway improvements.

Project Description

The Two Rivers Water Company is requested a CWCB loan to restore aging water infrastructure in order to support the company's agricultural production. Loan funds were used to modify the spillway at the Cucharas Dam. This temporarily brought the spillway up to SEO standards and allowed the company to store a restricted level of water and avoided a pending breach order. Loan funds were also used to repair the outlet works at the Orlando Reservoir No. 2 where a new 30-inch outlet pipe with a new headwall and trash rack system was installed. Funds were also used to construct a new headgate on the Orlando Canal where there had previously been a temporary sand dam. This structure was replaced with a new sheet pile wall.

Project Data

Sponsor: Two Rivers Water Company

County: Huerfano & Pueblo

Water Source: Huerfano River

Substantial Completion: March 1, 2013

Terms of Loan (Contract # C150328): \$1,184,882 for 20 years @ 2.50%

Design Engineer: Applegate Engineering, Denver, CO

Contractor: SLV Earth Movers, Monte Vista, CO

Project Elements: Cucharas No. 5 Reservoir spillway improvements (concrete removal of ogee crest spillway to lower spillway level), installation of a new 30-inch outlet works pipe at the Orlando Reservoir, and Orlando Ditch headgate rehabilitation.