



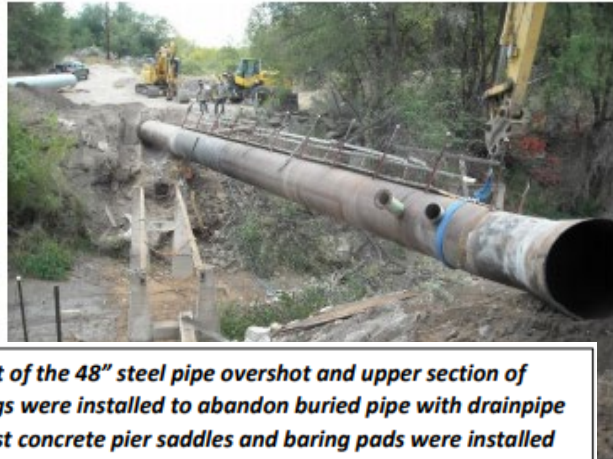
COLORADO
Colorado Water
Conservation Board
Department of Natural Resources

Pumpline Replacement Project

Redlands Water and Power Company
Substantially Complete May 1, 2021



RW&PC was able to purchase the HDPE pipe for less than \$1/lb in June 2020 and had four competitive quotes.



Removal and replacement of the 48" steel pipe overshot and upper section of buried pipe. Concrete plugs were installed to abandon buried pipe with drainpipe at lower end. New pre-cast concrete pier saddles and baring pads were installed under new overshot pipe.

Project Description

The Redlands Water and Power Company provides irrigation water and power to 1,970 acres of the Redlands area in the Grand Valley. Shareholders are predominantly located on bench lands above the Colorado and Gunnison Rivers, requiring most of the irrigation water to be pumped uphill to them. Approximately 60 cfs is pumped through a 48" concrete-lined steel pipe (Pumpline) to these users. The existing pumpline was constructed in 1944 and experienced leaks that required frequent repair. The Company replaced a portion of the pumpline in 2017, and replaced the remaining pipe with this project. This project provided water security for shareholders. It was funded with a loan, a WSRF grant of \$125,000, and cash reserves. The Project was successfully completed on schedule and under budget.

P R O J E C T D A T A		
Sponsor: Redlands Water and Power Company	County: Mesa	Water Source: Gunnison River
Type of Project: Pipeline Replacement	Board Approval Date: May 2020	
Loan Terms: (Original) \$641,350 @ 1.65% (Final) \$568,944.05 @ 1.65%		
Design Engineer: J-U-B Engineers Inc		
Contractor: CW Construction, LLC.		