



COLORADO
Colorado Water
Conservation Board
Department of Natural Resources

Roller Gate Replacement Project

Redlands Water and Power Company
Substantially Complete August 1, 2021



Right: Installation of one of the new gates into the
Gunnison River Diversion Structure
Left: Grading of the Power Canal

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. The Company diverts approximately 800 cfs of water from the Gunnison River to its pumping plant and hydroelectric facility via the Redlands Power Canal. Four existing roller gates controlled the flow at the diversion structure. These gates were approximately 80-years-old and were significantly corroded. The project include the design, fabrication, and installation of new roller gates, with the loan covering approximately 78% of the project costs.

P R O J E C T D A T A		
<i>Sponsor:</i> Redlands Water and Power Company	<i>County:</i> Mesa	<i>Water Source:</i> Gunnison River
<i>Type of Project:</i> Diversion Structure Rehab		<i>Board Approval Date:</i> September 2020
<i>Loan Terms: (Original) \$404,000 @ 1.50% (Final) \$404,000 @ 1.50%</i>		
<i>Design Engineer:</i> SGM		
<i>Contractor:</i> Mountain Valley Contracting		