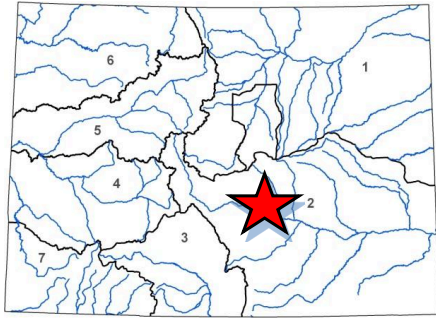


Water Plan Grant Program



LOCATION	
County:	Fremont
Basin:	Arkansas

DETAILS	
Total Project Cost:	\$79,600.00
Water Plan Grant Request:	\$39,800.00
Recommended amount:	\$39,800.00
Match Commitment:	\$39,845.00
Grant to Match Ratio:	50/50
Project Type:	Construction
Primary Project Category:	Agriculture
Measurable Result: 100 linear-feet of canal improved, \$7,500/year of efficiency savings, 20 acre-feet/year efficiency savings, 500 linear-feet of stream restored, 1 acre of restored/preserved habitat, 217 Coloradans impacted by engagement activity, reduced sediment load in the system	

3 Rocks Ranch LLC, an agricultural and technical solutions business focused on hay and beef production and supporting local irrigation companies, is seeking a Colorado Water Plan grant on behalf of the Canon Heights Irrigation & Reservoir Company to support the Canon Heights Intake Rehabilitation. The project is located on Fourmile Creek outside of Canon City, Colorado.

This project would rehabilitate and improve the operation of the historic Canon Heights Ditch Company intake, which is currently in a failing condition. The rehabilitation includes the design and installation of two SteadyFlow Gate™ units, a fish screen, a secondary debris rack, a V-notch weir for flow measurement, and the reconstruction of the headworks concrete structure. The project will also construct an overflow channel and a low-water crossing.

This project is a pilot for the SteadyFlow Gate™, which is intended to increase the efficiency of equitable water resource distribution, greatly reduce maintenance burdens, increase water delivery efficiency and accuracy, protect downstream infrastructure from flash floods, and enhance climate resiliency for agricultural producers. The project will benefit multiple local farms by helping them better manage limited water supplies during both drought and high-flow conditions. The installation of the SteadyFlow gates will make the intake more resilient to future flood events, eliminating the need for risky manual shut-offs in high-flow conditions.

The project advances the Colorado Water Plan and the Arkansas Basin Implementation Plan by sustaining and improving agricultural irrigation infrastructure. It aligns with the Water Plan's goals for Resilient Planning and Robust Agriculture by offering more responsive control of irrigation water. The project also supports regional innovation by serving as a functional example of intake modernization that can be replicated across other ditch systems.

Grant dollars would be used for the construction and implementation of the intake rehabilitation. The project will require final design and engineering, which will be provided as an in-kind and cash match, and a qualified contractor will be hired for the construction.

Project supporters include the Canon Heights Irrigation and Reservoir Company and 3 Rocks Engineering and Surveying.

Funding Recommendation:

Staff recommends a Water Plan Grant award not to exceed \$39,800.00 to 3 Rocks Ranch LLC for Canon Heights Intake Rehabilitation.