

Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
Sept 19-21, 2017
Agenda Item 22(f)

Applicant & Grantee: Missouri Heights - Mountain Meadow Irrigation Company

Water Activity Name: Missouri Heights - Mountain Meadow Irrigation Company
Ditch Lining Phase C

Water Activity Purpose: Agricultural Implementation

County: Garfield

Drainage Basin: Colorado

Water Source: Cattle Creek to Spring Park Reservoir

Amount Requested: \$40,000 Colorado Basin Account

Matching Funds: Applicant Match (cash & in-kind) = \$407,980

- 1,019% of the Basin Account request (meets 25% min)
- 91% of the total project cost of \$447,980

Staff Recommendation:
Staff recommends approval of up to \$40,000 from the Colorado Basin Account to help fund the project titled: Missouri Heights - Mountain Meadow Irrigation Company Ditch Lining Phase C.

Water Activity Summary: WSRF grant funds, if approved, will help Missouri Heights - Mountain Meadow Irrigation Company improve the condition of 5,800 feet of ditch that seeps about 7 cfs of irrigation water. Objectives of this project include an overall increased efficiency of the delivery system through a reduction in water loss due to seepage and hydrophytic vegetation and a reduction in annual maintenance work and costs. The ditch lining project may result in 630 acre-feet/year in efficiency savings.

The project lies in the Roaring Fork Valley in the eastern portion of Garfield County, Colorado. The Missouri Heights - Mountain Meadow Irrigation Company operates the Missouri Heights Mountain Meadow Irrigation Company Ditch for the benefit of the shareholders by providing irrigation water from the Spring Park Reservoir. The beginning portion of the earthen ditch below the Reservoir loses as much as 30% of the water in the ditch due to seepage through the course and rocky soils. The Missouri Heights - Mountain Meadow Irrigation Company wants to install a 24 inch plastic pipeline to make a permanent fix of this section. Proposed work will take place in the fall of 2017 while the ditch is not in use.

Discussion: As described in the Colorado Basin Roundtable Chair's Recommendation Letter, this project was supported and recommended for approval by the roundtable on May 22, 2017. The project scored 10.25 of a possible 14.25 points on the Colorado BRT scoring matrix which measures how grants address Roundtable objectives. This project assists in satisfying Colorado's Water Plan Critical Goals and Actions as identified in Chapter 10.3, D. Agriculture: Support Agricultural Conservation and Efficiency.

Issues/Additional Needs: Staff will work cooperatively with the grantee to further develop a project budget and schedule that meets the needs of the applicant and State Controller's Office.

Eligibility Requirements: The application meets requirements of all eligibility components: General Eligibility, Entity Eligibility, Water Activity Eligibility, and Eligibility Based on Match Requirements.

Evaluation Criteria: This activity has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to Basin Roundtable Chair's Recommendation Letter and the WSRF Grant Application for applicant's detailed response.

Funding Summary / Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-Kind</u>	<u>Total</u>
Natural Resources Conservation Service (EQIP)	\$179,113	\$150,000	\$179,113
Ditch Company Funds	\$78,867	\$0	\$78,867
Subtotal Match Funding	\$257,980	\$150,000	\$407,980
WSRF Colorado Basin Account	\$40,000	n/a	\$40,000
Totals	\$297,980	\$150,000	\$447,980

CWCB Project Manager: Megan Holcomb