

Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
March 22-23, 2017
Agenda Item 24(g)

Applicant & Grantee: Montezuma County

Water Activity Name: Rehabilitate the Wooden Trough of the McElmo Creek Flume

Water Activity Purpose: Education Implementation

County: Montezuma

Drainage Basin: Southwest

Water Source: McElmo Creek

Amount Requested/Source of Funds: \$20,000 Southwest Basin Account

Matching Funds: Applicant Match: \$196,104 (cash & in-kind) =

- 980% of the Basin Account request (meets 25% min)
- 89.5% of the total project cost of \$241,472

Staff Recommendation:
Staff recommends approval of up to \$20,000 from the Southwest Basin Account to help fund the project titled: Rehabilitate the Wooden Trough of the McElmo Creek Flume.

Water Activity Summary: WSRF grant funds, if approved, will assist in the repairs to the wooden trough of the McElmo Creek Flume – the last of the 104 flumes originally built on the Montezuma Valley Irrigation System in the 1890s. A significant portion (87%) of the funding needed to rehabilitate the entire structure has already been secured. The Flume has been out of use since 1992 and has deteriorated rapidly due to water and wind events. In 2016, repairs to the foundation of the Flume were completed, as well as the new interpretive stop/parking lot on the Trail of the Ancients. Repairs to the wooden trough comprise the final phase and basis for this request; while basin funds, will be used for general physical repairs (of deteriorated frame, stringers, and sills), project is primarily an educational one and will not affect any water supplies. Without the construction of this irrigation system, which allowed ranching and farming to prosper, Montezuma County and the City of Cortez would not have developed. Located on a major southern Colorado highway (160), the interpretive stop is passed by hundreds of people daily, including half million people who visit Mesa Verde National Park every year.

Discussion: As described in the Southwest Basin Roundtable Chair’s Recommendation Letter, this project is explicit in the Southwest Basin Implementation Plan (SWBIP) Multi-Basin IPP #16-DM: *“Rehabilitation of the McElmo Creek Flume.”* This project assists in satisfying Colorado’s Water Plan Critical Goals and Actions as identified in *Chapter 10.3.H: Education, Outreach, and Innovation* by creating a new opportunity for the public to learn about the water history of the Montezuma Valley.

Issues/Additional Needs: Staff will work cooperatively with the grantee to ensure total project cost of \$241,471 is met and to obtain all necessary letters of commitment from secured and pending funders.

Eligibility Requirements: The application meets requirements of the three subsections of the Eligibility Requirements: General Eligibility, Entity Eligibility, and Water Activity Eligibility.

Eligibility Based on Funding Match Requirements: This application meets the Basin Account Matching 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>
Colorado State Historical Fund	\$181,104	\$0	\$181,104
Southwest Water Conservation District	\$15,000	\$0	\$15,000
Ballantine Family Fund	\$5,000	\$0	\$5,000
Pending Source*	\$20,000	\$0	\$20,000
Subtotal Matching Funds	\$221,104	\$0	\$221,104
WSRA Southwest Basin Account	\$20,000	\$0	\$20,000
Total Project Costs	\$241,472	\$0	\$241,472

*Potential funding sources identified include Ute Mountain Ute Tribe, National Trust for Historic Preservation, and Montezuma County Historical Society

CWCB Project Manager: Megan Holcomb

All products, data, and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in-turn be made widely available to Basin Roundtables and the general public and will help promote the development of a common technical platform. In accordance with the revised WSRF Criteria and Guidelines, staff would like to highlight additional reporting and final deliverable requirements. The specific requirements are provided below.

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the scope of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, meeting summaries, and engineering reports/designs.

Engineering: All engineering work (as defined in the Engineers Practice Act (§12-25-102(10) C.R.S.)) performed under this grant shall be performed by or under the responsible charge of a professional engineer licensed by the State of Colorado to practice engineering.