

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
May 21-22, 2014
Agenda Item 23(g)

Applicant: Montezuma County

Water Activity Name: McElmo Creek Flume Rehabilitation

Water Activity Purpose: Education

County: La Plata

Drainage Basin: Southwest

Water Source: n/a

Amount Requested: \$20,000

Source of Funds: Southwest Basin Account

Matching Funds: \$145,340 total cash match by applicant and third parties: 88% of total study costs of \$165,340 (refer to *Funding Overview/Match Summary* below).

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| Staff Recommendation |
| Staff recommends approval of up to \$20,000 from the Southwest Basin Account to assist in the funding of the study titled: McElmo Creek Flume Rehabilitation. |

Water Activity Summary: WSRA funds, if approved, will be expended to rehabilitate the McElmo Creek Flume which will become an interpretive stop along the San Juan Skyway and Trail of the Ancients National Scenic Byways. In 2012, the Trail of the Ancients was awarded a National Scenic Byways grant to build a formal pullout with interpretive panels to tell the story of the Montezuma Valley Irrigation system (MVI), of which the McElmo Creek Flume was an integral component. In 2011, the McElmo Creel Flume was listed on Colorado Preservation Inc.'s Endangered Places List, and in 2012 the McElmo Creek Flume was listed on the National Register of Historic Places. This flume is the last surviving flume of the original 104 flumes on the MVI system, and was originally constructed in 1890s in order to bring water to Montezuma Valley which allowed large scale farming and ranching to develop, and also allowed the town site of Cortez to be established. While the system underwent extensive modifications, the flume went out of service permanently in 1992 with the construction of McPhee Reservoir which delivered water via underground laterals. Subsequently the flume has experienced extensive damage due to heavy rainfall, and high winds and has fallen into disrepair. Rehabilitation of the McElmo Creek Flume, in concert with other interpretive stops along the Trail of the Ancients that include discussions regarding the Ancestral Puebloan water history, will be an excellent venue for educating the local and travelling public about the 19th and 20th century water history in Southwestern Colorado.

Discussion:

No additional discussion is required.

Issues/Additional Needs:

No issues or additional needs have been identified.

Funding Overview/Matching Funds

| | <u>Cash</u> | <u>In-kind</u> | <u>Total</u> |
|--|------------------|----------------|------------------|
| WSRA Southwest Basin Account | \$20,000 | n/a | \$20,000 |
| Montezuma County | \$2,500 | \$0 | \$2,500 |
| Southwestern Water Conservation District | \$15,000 | \$0 | \$15,000 |
| Ballantine Family Fund | \$4,000 | \$0 | \$4,000 |
| Colorado State Historical Fund | \$123,840 | \$0 | \$123,840 |
| Totals | \$165,340 | \$0 | \$165,340 |

Staff Recommendation:

Staff recommends approval of up to \$20,000 from the Southwest Basin Account to assist in the funding of the study: McElmo Creek Flume Rehabilitation.

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 WSRA Criteria and Guidelines, staff would like to highlight additional reporting and final deliverable requirements. The specific requirements are provided below.

Reporting and Final Deliverable: 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. 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, summaries of meetings 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 professional engineer licensed by the State of Colorado to practice Engineering.