

Water Supply Reserve Fund – Grant and Loan Program
Water Activity Summary Sheet
January 23-24, 2017
Agenda Item 11

Applicant & Fiscal Agent: Morrison Consolidated Ditch Company

Water Activity Name: McCrometer Automated Gauging Station with Satellite Telemetry

Water Activity Purpose: Agricultural/Implementation

County: La Plata

Drainage Basin: Southwest

Water Source: Pine River

Amount Requested/Source of Funds: \$10,000 Southwest Basin Account

Matching Funds: Applicant Match: \$4,100 (cash) = 29% of the total project cost of \$14,100.
(refer to *Funding Summary/Matching Funds* section below)

Note: The application process for this grant began prior to the 2016 WSRF Criteria and Guidelines became effective, therefore the applicant is not subject to meeting a Basin Account matching requirement.

Staff Recommendation:

Staff recommends approval of up to \$10,000 from the Southwest Basin Account to help fund the project titled: McCrometer Automated Gauging Station with Satellite Telemetry.
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Water Activity Summary: WSRF grant funds, if approved will assist in the installation of two automated gauging stations with wireless satellite telemetry that also include the associated housing and wells at two separate locations. There are no current gauging stations on any structure on the Morrison Ditch. The first location would be at the Morrison Ditch’s diversion point on the Pine River. The second location is at measuring box, 31 miles down the ditch to where it becomes the Pine River Southwest Ditch Company. These wireless units will be used to monitor and regulate appropriate levels of irrigation water. This will ensure efficiency and save labor by allowing the Morrison Consolidated Ditch Company to monitor these locations remotely and adjust the flow of water only as needed and eliminate wasted expensive trips to check these locations.

Discussion: As described in the grant application, this project supports the Southwest Basin’s Implementation Plan goal of “Meeting Agricultural Needs”. The sub-goal is to “implement efficiency measures to maximize beneficial use and production” and supports the fourth measurable outcome of implementing “agricultural water efficiency projects as identified as IPP’s”. Along with being categorized as a goal of the Southwest BIP, this project meets the goal within Colorado’s Water Plan, Chapter 10’s Critical Agricultural Actions table, specifically meeting the needs of items #2, and #3.

Issues/Additional Needs: No issues or additional needs have been identified.

Threshold and Evaluation Criteria: The application meets all four Threshold Criteria.

Tier 1-3 Evaluation Criteria: n/a

Funding Summary/Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Morrison Consolidated Ditch Company	\$4,100	\$0	\$4,100
WSRA Southwest Basin Account	\$10,000	n/a	\$10,000
Total Project Costs	\$14,100	\$0	\$14,100

CWCB Project Manager: Craig Godbout

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: 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, 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.