

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
September 21-22, 2016
Agenda Item 19(s)

Applicant & Fiscal Agent: Sullivan Ditch Company
Water Activity Name: Sullivan Ditch Repair Project
Water Activity Purpose: Agricultural
County: La Plata
Drainage Basin: Southwest
Water Source: Pine River
Amount Requested/Source of Funds: \$27,298 Southwest Basin Account
Matching Funds: Applicant/3rd Party Match: \$27,298 = 50% of the total project cost of \$54,596
(refer to *Funding Summary/Matching Funds* section below)

Staff Recommendation:

Staff recommends approval of up to \$27,298 from the Southwest Basin Account to help fund the project titled: Sullivan Ditch Repair Project.
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Water Activity Summary: WSRF grant funds, if approved, will assist in the rehabilitation of two sections of existing earthen ditch (North Section: 300 feet and South Section: 125 feet) along Sullivan Ditch that traverses steep cliff areas that are positioned above the Pine River. With the recent failure of the Thompson-Epperson Ditch which is adjacent to the Sullivan Ditch, ditch representatives hope to avoid the same type failure on the Sullivan Ditch by taking preemptive action. Rehabilitation will consist of replacing the existing ditch in two places with 3 foot diameter ADS pipe. Inspectors determined that these areas of existing ditch along the cliff present problems because of soil compaction and the proximity of the ditch to the cliff. If the ditch fails in either of the two specified sections, the side of the ditch could fall directly into the Pine River. If this were to occur, the river might be blocked and repairs would be extremely difficult and expensive.

Discussion: This project falls under IPP ID 4-MB (Ditch Company Improvement and Efficiency Projects) of the Southwest Basin Implementation Plan (SWBIP). The project also meets a Measurable Goal and Outcome of the SWBIP: Goal B - Meeting Agricultural Needs.

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>
Southwestern Water Conservation District	\$27,298	\$0	\$27,298
WSRA Southwest Basin Account	\$27,298	n/a	\$27,298
Total Project Costs	\$54,596	\$0	\$54,596

CWCB Project Manager: Finance Section

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.