

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
March 16-17, 2016
Agenda Item 14(l)

Applicant & Fiscal Agent: Young Creek Reservoir Company

Water Activity Name: Young Creek Reservoir No. 1-2 Repair and Rehabilitation

Water Activity Purpose: Multipurpose

County: Delta

Drainage Basin: Gunnison

Water Source: Young Creek, tributary to Gunnison River

Amount Requested/Source of Funds:

\$60,000	Gunnison Basin Account
\$75,000	<u>Statewide Account</u>
\$135,000	Total Grant Request

Matching Funds:

Basin Account Match (\$60,000) = 44% of total grant request (meets 5% min);

Applicant/3rd Party Match (\$58,159) = 30% of total project costs (\$193,159)

(refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:

Staff recommends approval of up to \$60,000 from the Gunnison Basin Account and \$75,000 from the Statewide Account to help fund the project titled: Young Creek Reservoir No. 1-2 Repair and Rehabilitation.

Water Activity Summary: WSRA funds, if approved, will be expended to fund the project titled: Young Creek Reservoir No. 1-2 Repair and Rehabilitation. Young Creek Reservoir No. 1-2, situated on the Grand Mesa, has a history of sinkhole issues located on an abutment located between the dam and the spillway. These sinkholes are causing concern that the water could possibly invade the dam. This project will provide a liner covering the critical area of the abutment that could affect the dam safety. It will include all engineering aspects, construction, state and other approvals.

The objective of the project is to install a suitable barrier between the reservoir water and the abutment so as to prevent further sinkholes from occurring and endangering the dam. The project would save lost water and preserve the usefulness of the reservoir. It will also return the reservoir to a full storage capacity with no restrictions. These objectives will also help preserve decrees and continue to provide the allocated water to agriculture and municipalities.

The Division 4 Dam Safety Engineer has also approved this plan. The owners are primarily agricultural producers with the water serving orchards, hay and ranch land. The reservoir is the primary source of irrigation water for over 700 acres.

Discussion: This project serves multiple purposes and aligns with the goals and actions identified in the Gunnison Basin Implementation Plan. Additionally, this project was identified as a Tier 1 project in the Gunnison BIP.

This project also aligns with critical actions identified in Colorado's Water Plan:

D3: "Provide grants, loans, and technical support to update and improve Colorado's aging agricultural infrastructure, especially where improvements provide multiple benefits."

Issues/Additional Needs: CWCB will work with applicant to complete scope of work and other information to meet Comptroller specifications. The CRWCD grant (matching funds) will be considered by the River District Board the week of March 7, and more information will be provided for the CWCB's consideration at that time.

Threshold and Evaluation Criteria:

The application meets all four Threshold Criteria.

Tier 1-3 Evaluation Criteria:

This project has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to WSRA Application for applicant's detailed response.

Funding Summary/Matching Funds:

<u>Funding Sources</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Young Creek	\$33,159	\$0	\$33,159
CRWCD	\$25,000*	\$0	\$25,000*
Subtotal Matching Funds	\$58,159	\$0	\$58,159
WSRA Gunnison Basin Account	\$60,000	n/a	\$60,000
WSRA Statewide Account	\$75,000	n/a	\$75,000
Total Project Costs	\$193,159	\$0	\$193,159

***CRWCD approval pending**

CWCB Project Manager: Brent Newman

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.