

**Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
Agenda Item 23.e**

Applicant: McClave Water Association

Water Activity Name: Water Tank Replacement

Water Activity Purpose: Replace foundation on an existing 50,000 gal Water Tank that pumps approximately 18.8 million gallons per year

County: Bent

River Basin: Arkansas

Water Source: Dakota and Cheyenne aquifer, and Arkansas

Amount Requested: \$64,300 (Arkansas Basin Account)

Matching Funds: \$21,000 combined total from McClave Water Association, Bent County and Lower Arkansas Valley Water Conservancy District

Staff Recommendation
Staff recommends approval of up to \$64,300 from the Arkansas Basin Account for the McClave Water Association Water Tank Replacement Project.

Water Activity Summary:

This tank is one of two 50,000 gallon water tanks constructed in 1974 that has undergone regular maintenance and cleaning during their service, and remains in good condition, if not for the failure of the cement retainer ring. The cement retainer ring around the base of the tank failed, allowing the soil under the west portion of the tank to compact and settle, causing the drain line to snap during June 2013. Failure of the drain line caused the tank to drain completely, and cannot be repaired or replaced without replacing the foundation. Working in tandem, these two tanks also provide water to approximately 25 homes, and the fill/supply for a 150,000 gallon tank that supplies water to the system's remaining customers. The fill/stop controls for both tanks are run by the 150,000 gallon tank, so under current conditions, the water operator must manually check the remaining tank level to ensure that the tank does not run dry, or overflow. Without this storage the supply wells and pumps are being continually stressed creating a situation that is untenable and sustainable only for a very short period of time. This request is for a very small Water Association with little cash reserves to fund this emergency project. In addition, the urgent nature of the project precludes funding sources that would take additional time to secure and obtain a notice to proceed.

Funding Overview:

The project proponent (applicant) proposes to provide \$7,000 (approximately 11 percent) in matching contributions to combine with an additional \$7,000 from Bent County, and another \$7,000 from the Lower Arkansas Valley Water Conservancy District, for a total match of \$21,000 (approximately 33 percent).

Discussion:

No additional discussion is needed.

Issues/Additional Needs:

No additional issues or needs were identified.

Threshold and Evaluation Criteria

The application meets all four Threshold Criteria.

Staff Recommendation:

Staff recommends approval of up to \$64,300 from the Arkansas Basin Account for project titled: Water Tank Replacement.

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.