

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
September 19-21, 2017
Agenda Item 22(b)

Applicant: Beaver Park Water Incorporated

Water Activity Name: Upper Canal Lining Removal and Replacement

Water Activity Purpose: Agricultural, Municipal/Industrial, Non-consumptive (Recreational)

County: Fremont

Drainage Basin: Arkansas

Water Source: Beaver Creek, Brush Hollow Creek and Brush Hollow Reservoir

Amount Requested/Source of Funds:

\$40,250	Arkansas Basin Account
<u>\$77,750</u>	<u>Statewide Account</u>
\$118,000	Total Grant Request

Matching Funds:

Basin Account Match (\$40,250) = 51.7% of Statewide Account request (meets 10% min);

Applicant's cash & in-kind Match (\$37,500) = 48.2% of Statewide Account request (meets 10% min);

Total Match (Basin & Applicant Match of \$77,750 = 100% of Statewide Account request (meets 50% min).

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

Staff Recommendation:

Staff recommends approval of up to \$40,250 from the Arkansas Basin Account; and \$77,750 from the Statewide Account to help fund the project titled: Upper Canal Lining Removal and Replacement Project
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Water Activity Summary:

If funded, the objectives of this project are to: remove failed concrete sections of the Beaver Park Water Inc's (BPWI) Upper Canal and replace them with new formed concrete. A total of 4,526 linear feet of canal side has been currently identified as being in need of removal and replacement. Approximately 1,200 linear feet is being proposed for replacement.

This canal diverts water under the water rights owned by BPWI from Beaver Creek and supplies water to direct irrigation use for the shareholders of BPWI. The canal additionally delivers water to BPWI's Brush Hollow Reservoir for delivery to BPWI's Lower Canal for direct irrigation use and delivers these waters into storage in Brush Hollow Reservoir for later irrigation use. The BPWI Upper Canal additionally delivers Beaver Creek waters to the Penrose Water District (PWD). The

PWD has a direct water treatment plant intake from the BPWI Upper Canal and diverts and treats these waters daily to supply its domestic and municipal customers.

The total estimated water efficiency savings from this proposed water activity is 1,100 acre-feet/year. Approximately one quarter of this savings would be yielded from this 2017 grant application work. These water efficiency savings will be used to increase the availability of waters supplies to the BPWI, the dependability of water deliveries to the PWD and increase typical storage levels in Brush Hollow Reservoir to the benefit of both the BPWI and wildlife, recreation and fishery interests of the Colorado Parks & Wildlife.

Discussion: The removal and replacement of the canal lining supports Chapter 10 Measurable Objective D: Agriculture Goal in the Colorado Water Plan; *“Maintain Agricultural Viability: Maintain agricultural productivity, support of rural economies and food security”*. By reducing the ditch canal seepage losses, this project helps fulfill the Critical Action: *Support Agricultural Conservation and Efficiency: make it more efficient, resilient and able to reduce water consumption without impacting agricultural productivity*.

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

Eligibility Requirements: The application meets requirements of the three subsections of the Eligibility Requirements: General Eligibility, Entity Eligibility, and Water Activity Eligibility.

Eligibility Based on Funding Match Requirements:

The application meets the Statewide Account Matching requirements.

Evaluation Criteria:

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

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Beaver Park Water Inc.	\$30,000	\$2,500	\$32,500
Penrose Water District	\$5,000	\$0	\$5,000
Sub-total	\$35,000	\$2,500	\$37,500
WSRF Arkansas Basin Account	\$40,250	n/a	\$40,250
WSRF Statewide Account	\$77,750	n/a	\$30,500
Total Project Costs	\$153,000	\$2,500	\$155,500

CWCB Project Manager: Ben Wade