

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
March 22-23, 2017
Agenda Item 24(k)

Applicant & Grantee: Rio Blanco Water Conservancy District

Water Activity Name: White River Storage Project - Phase 2A Study

Water Activity Purpose: Agricultural/M&I/Environmental & Recreation (Others)

County: Moffat & Rio Blanco

Drainage Basin: Yampa/White/Green

Water Source: White River

Amount Requested/Source of Funds: \$85,000 Yampa/White/Green Basin Account
\$82,888 Statewide Account*
\$167,888 Total Grant Request

* The discrepancy between the Statewide Account request in the Roundtable Chair Recommendation Letter (\$105,000), and that stated herein, can be attributed to the applicant' voluntarily reducing their request to accommodate the Statewide Account shortfall.

Matching Funds: Basin Account Match (\$85,000) = 102% of Statewide Account request (meets 10% min);
Applicant's Match (\$182,112) = 220% of Statewide Account request (meets 10% min);
Total Match (Basin & Applicant Match of \$267,112) = 322% of Statewide Account request (meets 50% min).
(refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:

Staff recommends approval of up to \$85,000 from the Yampa/White/Green Basin Account; and \$82,888 from the Statewide Account to help fund the project titled: White River Storage Project – Phase 2A Study.

Water Activity Summary: If approved, WSRF grant funds will assist the grantee continue an ongoing analysis of potential storage sites in the White River Basin. Phase 1 and 2 evaluated 25 potential sites and concluded that a new reservoir, located near the confluence of the White River and Wolf Creek, would provide an efficient, cost effective, multi-purpose water storage site. The purpose of additional White River water storage is to conserve and put to beneficial use some of the approximately 500,000 acre-feet of unused water that flows out of Colorado from the White River each year. More specifically, Phase 2A of this study will:

- Conduct Stakeholder Outreach and Meetings, Public Meetings, and Project Management and Coordination;

- Refine 2015 feasibility designs and cost opinions of off-channel and on-channel reservoirs to a comparable level of detail and re-evaluate the drain and fill facilities for the off-channel reservoir to determine the most cost effective approach;
- Develop feasibility designs and cost opinions for a maximum size reservoir (off-channel & on-channel)
- Develop preliminary estimates of the rate of sedimentation for both off-channel and on-channel Wolf Creek reservoirs;
- Continue coordination efforts with the White River Modeling and Management Plan;
- Prepare a Phase 2A Report.

Discussion: This project furthers multiple goals and objectives of the Yampa/White/Green Basin Implementation Plan (SPBIP) in accordance with Sections 1.2.4 “Protect and encourage agricultural use of water in the YWG Basin within the context of private property rights”; Section 1.2.5 “Improve agricultural water supplies to increase irrigated land and reduce shortages”; Section 1.2.6 “Identify and address M&I water shortage”; Section 1.2.7 “Quantify and protect non-consumptive water uses; and Section 1.2.9 “Restore, maintain, and modernize water storage and distribution infrastructure”.

With respect to Colorado’s Water Plan, this project supports the Critical Goals and Actions as described in Section 10.3E: Storage, “Promote Additional Storage and Infrastructure”.

The grantee has successfully completed Phase 1 and Phase 2 of this effort with the assistance of two previous WSRF Grants approved by the CWCB in November 2013, and July 2014 for \$135,000 and \$195,000, respectively.

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 and Exhibit A (Statement of Work) for applicant’s detailed response.

Funding Summary/Matching Funds:

Funding Source	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Rio Blanco Water Conservancy District	\$75,000	\$0	\$75,000
Town of Rangely	\$50,000	\$0	\$50,000
Town of Meeker	\$10,000	\$0	\$10,000
Rio Blanco County	\$47,112	\$0	\$.
Sub-total	\$182,112	\$0	\$182,112
WSRF Yampa/White/Green Basin Account	\$85,000	n/a	\$85,000
WSRF Statewide Account	\$82,888	n/a	\$82,888
Total Project Costs	\$350,000	\$0	\$350,000

CWCB Project Manager: Anna Mauss

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.