

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
November 19-20, 2013
Agenda Item 22(f)

Applicant: Rio Blanco Water Conservancy District

Water Activity Name: White River Storage Feasibility Study

Water Activity Purpose: Study (Consumptive & Nonconsumptive)

River Basin: Yampa/White/Green

Water Source: White River

Amount Requested: \$67,500 from the Statewide Account, and \$67,500 from the Yampa/White River Basin Account

Matching Funds: \$15,000 (10%) cash match from the Rio Blanco Water Conservancy District and \$67,500 (45%) from the Yampa/White River Basin Account
(Total match 55%)

Staff Recommendation:
Staff recommends approval of up to \$67,500 from the Statewide Account and \$67,500 from Yampa/White River Basin Account to help complete the project titled: White River Storage Feasibility Study.

Water Activity Summary: WSRA funds will be expended to assist in conducting a water storage feasibility study for the White River to identify potential moderate-sized, off-channel reservoirs along the White River to replace recreation being lost at Kenney Reservoir as well as provide additional water storage for municipal, industrial, agricultural uses, as well as nonconsumptive uses. The storage facility would be designed to meet local uses as stated above, including environmental concerns, minimum Instream flows, Colorado River Compact Drought Storage, and future industrial shortages in the White River Basin.

This first phase of the White River Storage Feasibility Study would initiate the planning and design of a multi-purpose facility that will benefit uses in the Yampa and White River Basins as well as the Colorado River Basin. This study can be considered an integral component of the Yampa/White Basin Implementation Plan needed to meet the roundtables' consumptive and nonconsumptive needs. Project components and activities will be as follows:

- Update 2050 SWSI projected water demands completed in 2010 for M&I, and self-supported industrial needs for Rio Blanco County and the Yampa and White River Basin Roundtable.
- Develop project specific purpose and needs to include needs for the Rio Blanco County as well as the Yampa and White Basins.
- An alternatives map study of potential dam sites located in the Rio Blanco County area to achieve the required purpose and needs of the County and BRT.
- Complete course screening on the initial alternatives based on the purpose and needs outlined at the beginning of the project. This task would be to reduce the alternatives prior to completing preliminary engineering analysis for each site (to be completed in Phase II).
- Conduct two workshops on the initial alternatives and the course screening processes as part of the stakeholder and public outreach involvement.

- Provide for a representative of the project or District to attend each BRT meeting to provide continuous communication on the project status and completion to date.

Funding Overview/Match Funding:

	<u>Cash</u>	<u>In-Kind</u>	<u>Total</u>
WSRA Statewide Account	\$67,500	\$0	\$67,500
WSRA Yampa/White Basin Account	\$67,500	\$0	\$67,500
Rio Blanco Water Conservancy District	\$15,000	\$0	\$15,000
Total Project Costs	\$150,000	\$0	\$150,000

Threshold and Evaluation Criteria:

The application meets all four Threshold Criteria.

Statewide Evaluation Criteria:

The application meets all three Tiered Evaluation Criteria.

Discussion:

No additional discussion is needed.

Issues/Additional Needs:

No additional issues or needs were identified.

Staff Recommendation:

Staff recommends approval of up to \$67,500 from the Statewide Account, and \$67,500 from the Yampa/White Basin Account for project titled: White River Storage Feasibility Study.

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.

Project Map:

