

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
September 21-22, 2016
Agenda Item 19(r)

Applicant & Fiscal Agent: The Nature Conservancy

Water Activity Name: Wines Ditch Diversion Evaluation

Water Activity Purpose: Agricultural/Study

County: Mesa

Drainage Basin: Southwest

Water Source: Dolores River

Amount Requested/Source of Funds: \$40,000 Southwest Basin Account
\$25,000 Statewide Account
\$65,000 Total Grant Request

Matching Funds: Basin Account Match (\$40,000) = 61.5% of total grant request (meets 5% min);
Applicant/3rd Party Match (\$53,037) = 81.6% of total grant request (meets 5% min);
Basin & Applicant/3rd Party Match (\$93,037) = 143.1% of total grant request (meets 25% min)
(refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:

Staff recommends approval of up to \$40,000 from the Southwest Basin Account; and \$25,000 from the Statewide Account to help fund the project titled: Wines Ditch Diversion Evaluation.
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Water Activity Summary: WSRF grant funds, if approved, will assist in a study to evaluate the preliminary design, alternatives analysis, and construction costs opinions for the reconstruction and improvements on the Wines Ditch No.1 Diversion Structure and conveyance located on the Dolores River. The study will address multiple consumptive and non-consumptive water interest, including water delivery improvement, sensitive species protection and enhancement, channel stabilization, and recreation improvements. The Wines Ditch No 1 Diversion Structure is located on BLM land and is operated and maintained by Western Sky Investments under a pre-FLPMA authorization.

The work will include topographic, hydraulic, and economic analysis, along with a fishery and riparian habitat evaluation. The project will entail coordination with multiple agencies including applicant The Nature Conservancy (TNC), US Army Corps of Engineers (USACE), Colorado Parks and Wildlife (CPW), American Whitewater (AW), Western Sky Investments, and the Bureau of Land Management (BLM). The project will result in the preliminary design and evaluation of several alternative schematics.

Discussion: The proposed project will meet several goals and measureable outcomes identified in the Basin Implementation Plan.

- “Balance All Needs and Reduce Conflict”: this project will meet several goals and measurable outcomes under this theme because it is a multi-stakeholder, multi-purpose project that promotes dialogue, fosters cooperation, and resolves conflict.
- “Maintain Agricultural Water Needs”: this project will meet several goals and measurable outcomes under this theme because it improves agricultural water delivery of a pre-Compact water right (preserving agricultural and open space values) while helping to address environmental and recreational values.
- “Meet Recreational Water Needs”: this project will meet goals and measurable outcomes because it will enhance and protect recreational values.
- “Meet Environmental Water Needs”: this project will meet several goals and measurable outcomes because it will protect and enhance three sensitive aquatic species (roundtail chub, bluehead sucker, and flannelmouth sucker) in the Dolores and San Miguel Rivers and because it will diminish the impact of the diversion structure on the up-stream and downstream riparian habitat.

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

Threshold and Evaluation Criteria:

The application meets all four Threshold Criteria.

Tier 1-3 Evaluation Criteria:

This activity 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 Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
CPW	\$0	\$7,400	\$0
The Nature Conservancy	\$20,000	\$10,637	\$30,637
American Whitewater	\$5,000	\$5,000	\$10,000
Western Sky Investments	\$0	\$5,000	\$5,000
Subtotal Matching Funds	\$25,000	\$28,037	\$53,037
WSRA Southwest Basin Account	\$40,000	n/a	\$40,000
WSRA Statewide Account	\$25,000	n/a	\$25,000
Total Project Costs	\$90,000	\$28,037	\$118,037

CWCB Project Manager (interim): Craig Godbout

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.