

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
May 20-21, 2015
Agenda Item 10(g)

Applicant & Fiscal Agent: Trout Unlimited

Water Activity Name: Upper Dolores CAMP (Coldwater-Fisheries Adaptive Management Plan)

Water Activity Purpose: Nonconsumptive Study

County: Dolores & Montezuma

Drainage Basin: Southwest

Water Source: Dolores River

Amount Requested/Source of Funds: \$15,000 Southwest Basin Account/Total grant request

Matching Funds: Applicant & 3rd party match: \$34,900 = 70% of total project costs (\$49,900)
(refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:
Staff recommends approval of up to \$15,000 from the Southwest Basin Account to help fund the project titled: Upper Dolores CAMP (Coldwater-Fisheries Adaptive Management Plan).

Water Activity Summary: Trout Unlimited, both national staff and the local Dolores CO chapter the Dolores River Anglers, has undertaken a multi-year project to develop a comprehensive, scientific, “hands on” decision tool that links systematic analysis of local watersheds/streams to relevant Best Management Practices (“BMPs”) within the context of long term changes to climate and hydrology. The structured process and guidelines lead to the development of a stream specific “Coldwater-fisheries Adaptive Management Plan (CAMP). This project takes the best available fisheries and climate science and creates a step by step process to analyze rivers, streams, and stream reaches to determine what factors, if any, are limiting trout populations and then determine what cost effective solutions are available to mitigate for those factors, both currently and as temperatures and flow regimes change into the future.

Discussion: This project aligns with the several of the Goals and Measurable Outcomes as described in the Southwest Basin Implementation Plan (Section 1; Table 1: Goals and Measurable Outcomes A2, B2, D1, E1, & E2; pages 12 16), and is specified as a Proposed Dolores River Basin IPP, *Trout Unlimited and Montezuma Land Conservancy*; (Appendix A; Dolores and McElmo River Basins Draft IPP List; IPP ID no. 21-DM; page 16 of 18).

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: n/a

Funding Summary/Matching Funds:

	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Montezuma Land Conservancy	\$5,000	\$0	\$5,000
Southwest Water Conservation District	\$5,000	\$0	\$5,000
TU	\$10,000	\$5,730	\$15,730
Dolores River Anglers (TU)	\$2,000	\$6,330	\$8,330
CPW & USFS	\$0	\$840	\$840
Sub-total matching funds	\$22,000	\$12,900	\$34,900
WSRA Southwest Basin Account	\$15,000	n/a	\$15,000
Total	\$37,000	\$12,900	\$49,900

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.