

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
January 25-26, 2015
Agenda Item 24(b)

Applicant & Fiscal Agent: Colorado Mesa University – Ruth Powell Hutchins Water Center

Water Activity Name: Integrated Water Management Planning Framework

Water Activity Purpose: Multipurpose

County: throughout Colorado Basin

Drainage Basin: Colorado

Water Source: Colorado River and tributaries

Amount Requested/Source of Funds: \$43,404 Colorado Basin Account (total grant request)

Matching Funds: Applicant Match: \$107,198 (cash & in kind) = 71.1% of the total project cost of \$150,602
(refer to *Funding Summary/Matching Funds* section below)

Staff Recommendation:

Staff recommends approval of up to \$43,404 from the Colorado Basin Account to help fund the project titled: Integrated Water Management Planning Framework.
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Water Activity Summary: WSRA funds, if approved, will be expended to fund the Colorado Basin Roundtable Integrated Water Management Planning Framework. This project will provide the informational and procedural framework for conducting comprehensive integrated water management plans in the Colorado River Basin. The purpose of these plans will be to identify ways to provide sufficient water for environmental needs while recognizing the needs of agricultural, domestic, and industrial water users.

This project will include the following tasks:

- 1. Information Gathering:** An extensive review and compilation of existing information relevant to the development of integrated water management plans. The resulting compilation will be available in table form and linked to a map of the basin to show spatially which stream reaches have been studied in what ways.
- 2. Information Synthesis:** A detailed GIS map will utilize the information collected in task #1 to depict what available data shows about stream health in each stream segment in the basin.
- 3. Stakeholder Engagement and Education:** Consultation with stakeholders in order to refine the goals and objectives of the basin-wide planning effort; achieve consensus on the recommended tools and processes for developing integrated water management plans; and establish priorities for implementation. Once priorities are established, outreach will be conducted in the priority sub-basins to solicit interest in developing detailed plans.

4. Develop Framework for Stream Management Planning: Drawing on the work done in tasks two and three, develop and describe a framework for the creation of integrated water management plans at the sub-basin level that facilitates the integration of discrete plans into a comprehensive tool that can be applied basin-wide.

Discussion: The Colorado Basin Roundtable identified a basin-wide stream management plan as a top priority in the final Basin Implementation Plan (BIP). The roundtable has applied for and been approved for a grant in the amount of \$67,947 from the CWCB Stream Management Plan Program to assist in this project.

“Stream management plans can play an important role in identifying both the needs of environmental attributes, and the projects and methods that will benefit those attributes.” – Colorado’s Water Plan, Section 6.6, page 6-168.

Additionally, the development of stream management plans is identified as a critical action for Watershed Health, Environment and Recreation: #3 in chapter 10 of Colorado’s Water Plan, page 10-12.

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>
CWCB Stream Management Plan funds	\$67,947	n/a	\$67,947
In-kind resources of time, project partners	n/a	\$29,256 ⁽¹⁾	\$29,256
Cash funds – Colorado Mesa University	\$9,995	n/a	\$9,995
Subtotal Matching Funds	\$77,942	\$29,256	\$107,198
WSRA Colorado Basin Account	\$43,404	n/a	\$43,404
Total	\$121,346	\$29,256	\$150,602

⁽¹⁾ In-kind costs broken down in Exhibit A

CWCB Project Manager: Brent Newman/Chris Sturm

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.