

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**September 24-25, 2013**  
**Agenda Item 18c**

**Applicant:** Missouri Heights – Mountain Meadows Irrigation Company

**Water Activity Name:** Ditch Lining Project

**Water Activity Purpose:** Predominately Agricultural

**County:** Garfield and Eagle

**River Basin:** Colorado

**Water Source:** Cattle Creek

**Amount Requested:** \$50,000 (Colorado River Basin Account)

**Matching Funds:** \$500,000 cash match (91%)

<b>Staff Recommendation</b>
Staff recommends approval of up to \$50,000 from the Colorado River Basin Account to help complete the Missouri Heights – Mountain Meadows Irrigation Company Ditch Lining Project

**Water Activity Summary:** WSRA funding will assist in the construction of a concrete water control structure, and the lining of 3,500 feet of existing earthen ditch with either a new plastic product called “Smart Ditch” or 60 inch plastic pipe to reduce or eliminate seepage losses approaching 30% through the course and rocky soil. The project lies in the Roaring Fork Valley in the southwestern portion of Eagle County, and the eastern portion of Garfield County. The Missouri Heights – Mountain Meadow Irrigation Company operates the Missouri Heights Mountain Meadow Ditch for the benefit of the shareholders by providing irrigation water from the Spring Park Reservoir.

**Objectives:**

Reduce water loss due to seepage and by hydrophytic vegetation

Reduce annual maintenance work and costs

Increase the efficiency of the delivery system

**Threshold and Evaluation Criteria**

The application meets all four Threshold Criteria.

**Funding Overview**

The applicant is providing a total of \$500,000 in cash matching funds, contributed by:

Missouri Heights – Mountain Meadows Irrigation Ditch Company	\$100,000
USDA/NRCS Environmental Quality Incentive Program	\$250,000
Colorado River Water Conservancy District – Grant Program	\$100,000
CWCB Loan (Previously approved for \$450,000)	<u>\$100,000</u>
	<b>\$550,000</b>

**Discussion:**

No additional discussion is needed.

**Issues/Additional Needs:**

No issues have been identified.

**Staff Recommendation:**

Staff recommends approval of up to \$50,000 from the Colorado Basin Account to help complete the project titled: Missouri Heights – Mountain Meadows Irrigation Company Ditch Lining

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.