

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

**Applicant & Fiscal Agent:** Town of Mountain Village

**Water Activity Name:** Town of Mountain Village 2015 Waterline Extension Project

**Water Activity Purpose:** Municipal & Industrial

**County:** San Miguel

**Drainage Basin:** Southwest

**Water Source:** San Miguel River alluvium

**Amount Requested/Source of Funds:** \$30,000 Southwest Basin Account (total grant request)

**Matching Funds:** Applicant cash match: \$1,597,070  
(refer to: *Funding Summary/Matching Funds* section below)

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$30,000 from the Southwest Basin Account to help fund the project titled: Town of Mountain Village 2015 Waterline Extension Project.

**Water Activity Summary:** WSRA funds, if approved, will assist the Town of Mountain Village construct 13,815 lineal feet of 10-inch water line extension. The Town of Mountain Village provides potable water to an area of approximately 3.3 square miles and a population of 1,320 people. The Town's existing water supply is sufficient to meet potable water demands. However, recent water modeling has demonstrated that fire flows in the western portion of the Town are marginal in fighting a large structural fire, particularly one encompassing more than one home or a wildfire. The overall objective of the 2015 Waterline Extension Project (project) is to increase reliability and redundancy of the Town's water system, particularly to meet emergency water demand needs in the western portion of the Town. The project will connect two existing water storage tanks via a proposed 13,815-foot long, 10-inch diameter waterline. The waterline will help to feed water directly to the western portion of the Town from the Town's most reliable water source. As part of the project, the Town will take advantage of pressure differentials in the system by installing up to two micro-hydroelectric generators.

**Discussion:** This project aligns with the Goals and Measurable Outcomes as described in the Southwest Basin Implementation Plan (Section 1; Table 1; A1, A2, B2, C1, & C2; pages 12-14); and is specified as an Proposed San Miguel River Basin IPP, *Town of Mountain Village*; (Appendix A; page 18 of 18; San Miguel River Basin Draft IPP List; IPP ID no. 24-SM).

**Issues/Additional Needs:** No additional issues or 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>
WSRA Southwest Basin Account	\$30,000	n/a	\$30,000
Town of Mountain Village	<u>\$1,597,070</u>	<u>\$0</u>	<u>\$1,597,070</u>
<b>Total</b>	<b>\$1,627,070</b>	<b>\$0</b>	<b>\$1,627,070</b>

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.