

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**November 19-20, 2013**  
**Agenda Item 22(c)**

**Applicant:** Snowmass Water and Sanitation District

**Water Activity Name:** Customer Meter Replacement Program

**Water Activity Purpose:** Nonconsumptive & Municipal/Industrial

**County:** Pitkin

**River Basin:** Colorado

**Water Source:** East Snowmass Creek Spring, East Snowmass Creek, West Fork of Brush Creek,  
and Snowmass Creek

**Amount Requested:** \$100,000 Colorado Basin Account

**Matching Funds:** \$266,217 cash match - Snowmass Water and Sanitation District

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$100,000 over a two (2) year period from the Colorado Basin Account to fund the project titled: Snowmass Water and Sanitation District – Customer Meter Replacement Program.

**Water Activity Summary:** WSRA Grant funds will be expended by the applicant to undertake a systematic customer meter repair and replacement program by Snowmass Water and Sanitation District (SWCD). Approximately 588 residential and 140 commercial meters are targeted for repair or replacement over a 21-month period. As the system currently operates there are three specific shortcomings with the existing water meters, consisting of: older meters that have not been well maintained resulting in inaccurate customer usage accounting and inaccurate use and price-signals to customers; many of the meters targeted for replacement have manual-read technology requiring significant staff time to collect customer usage information resulting in quarterly meter-reading which will be increased to monthly reading; and replacement of commercial customer meters are selected based on “full-capacity” demands which do not accurately account for water during low-demand seasons.

Furthermore, the meter replacement program is a critical first step that SWSD is undertaking before implementing the CWCB-identified “Foundational Measures” identified in the 2012 Water Efficiency Planning guidance documents. Meter repair or replacement must be accomplished prior to establishing a baseline for monthly monitoring of its water efficiency activities, and to update its Water-Efficiency oriented rate structure to send accurate price-signals to customers that use water inefficiently.

Additionally, immediately downstream of SWSD’s Snowmass Creek pump station, CWCB holds a minimum Instream Flow Right of 7 cfs occurring during the winter. While CWCB’s right is junior to SWSD’s, the SWSD Board has adopted a “Stewardship Goal” to maintain Snowmass Instream Flows. As SWSD is the only winter diverted, this project represents a critical first step to improving water efficiency and will improve the chances of meeting the 7 cfs stewardship goal and minimum Instream Flow on Snowmass Creek.

*Threshold and Evaluation Criteria:*

The application meets all four Threshold Criteria.

*Funding/Match Summary:*

	<u>Cash</u>	<u>In-Kind</u>	<u>Total</u>
WSRA Colorado Basin Account	\$100,000	\$0	\$100,000
Snowmass Water & Sanitation District	\$266,217	\$0	\$266,217
<b>Total Project Costs</b>	<b>\$366,217</b>	<b>\$0</b>	<b>\$366,217</b>

**Discussion:**

The applicant requested \$184,357 from the Colorado Basin Roundtable, however the Colorado Basin Roundtable on September 23, 2013 approved \$100,000 over a two year period. Staff contacted the applicant to determine how the \$84,357 shortfall would be met. The applicant responded that the Snowmass Water and Sanitation District would contribute an additional \$84,357, raising their total contribution to \$266,217. WSRA funds to be distributed over a two (2) year period, consisting of \$50,000 during the first year and \$50,000 during the second year, as approved by the Colorado Basin Roundtable.

**Issues/Additional Needs:**

No additional issues or needs were identified.

**Staff Recommendation:**

Staff recommends approval of up to \$100,000 over a two (2) year period from the Colorado Basin Account for project titled: Snowmass Water and Sanitation District – Customer Meter Replacement Program.

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.