

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**September 21-22, 2016**  
**Agenda Item 19(q)**

**Applicant & Fiscal Agent:** King Consolidated Ditch Company  
**Water Activity Name:** Automated Gauging Station with Satellite Telemetry  
**Water Activity Purpose:** Agricultural/Implementation  
**County:** La Plata  
**Drainage Basin:** Southwest  
**Water Source:** Unknown  
**Amount Requested/Source of Funds:** \$12,100 Southwest Basin Account  
**Matching Funds:** Applicant Match: \$5,000 = 29% of the total project cost of \$17,100.  
(refer to *Funding Summary/Matching Funds* section below)

<b>Staff Recommendation:</b>
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Staff recommends approval of up to \$12,100 from the Southwest Basin Account to help fund the project titled: Automated Gauging Station with Satellite Telemetry.
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**Water Activity Summary:** WSRF grant funds, if approved will assist in the installation of two automated gauging stations with wireless satellite telemetry. One station will be located at the Martin Lateral and the other at the end of the ditch. Both stations will include associated housing and wells. There are no current gauging stations on any structure in the King Ditch. The wireless units will be used to monitor and regulate appropriate levels of irrigation water. This will ensure efficiency and save labor by allowing the King Consolidated Ditch Company to monitor these locations remotely and adjust the flow of water as needed to eliminate waste.

**Discussion:** This project is covered under IPP ID 4-MB of the Southwest Basin Implementation Plan (SWBIP). The project also meets a Measurable Goal and Outcome for the SWBIP to *Maintain Agricultural Water Needs*.

**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:**

<b><u>Funding Source</u></b>	<b><u>Cash</u></b>	<b><u>In-kind</u></b>	<b><u>Total</u></b>
Morrison Consolidated Ditch Company	\$5,000	\$0	\$5,000
WSRA Southwest Basin Account	\$12,100	n/a	\$12,100
<b>Total Project Costs</b>	<b>\$17,100</b>	<b>\$0</b>	<b>\$17,100</b>

**CWCB Project Manager:** Craig Godbout

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.