

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

**Applicant & Fiscal Agent:** Spring Creek Extension Ditch Company  
**Water Activity Name:** Spring Creek Ditch Siphon Replacement  
**Water Activity Purpose:** Agricultural/Implementation  
**County:** La Plata  
**Drainage Basin:** Southwest  
**Water Source:** Pine River  
**Amount Requested/Source of Funds:** \$29,000 Southwest Basin Account  
**Matching Funds:** Applicant/3<sup>rd</sup> Party Match: \$37,000 = 56% of the total project cost of \$66,000  
(refer to *Funding Summary/Matching Funds* section below)

<b>Staff Recommendation:</b>
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Staff recommends approval of up to \$29,000 from the Southwest Basin Account to help fund the project titled: Spring Creek Ditch Siphon Replacement.
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**Water Activity Summary:** WSRF grant funds, if approved will be expended to assist in the replacement of an existing siphon that carries the East lateral of the spring Creek Ditch under Pine Valley Canal. The existing inverted siphon is a concrete pipe that is approximately 75 years old and has deteriorated to a point that failure is likely. Failure of the existing siphon would interrupt irrigation supplies to approximately 1,200 acres of land. Replacement will consist of installing approximately 285 lineal feet of buried steel or plastic pipe crossing under the Pine Valley Canal. A new outlet structure will be constructed just upstream of the existing inlet. The new pipe will be connected to the existing outlet with riprap placed in the canal downstream of the outlet to reduce erosion. A trash rack will be installed on the inlet structure to prevent debris from plugging the siphon, and the existing pipe will be plugged with concrete to prevent infiltration of soil into the existing pipe.

**Discussion:** This project has been identified as an IPP in the Southwest Basin Implementation Plan (SWBIP) as IPP ID 4-MB. The project 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>
Spring Creek Extension Ditch Company	\$8,000	\$0	\$8,000
Southwestern Water Conservation District	\$29,000	\$0	\$29,000
Subtotal Matching Funds	\$37,000	\$0	\$37,000
WSRA Southwest Basin Account	\$29,000	n/a	\$29,000
<b>Total Project Costs</b>	<b>\$66,000</b>	<b>\$0</b>	<b>\$66,000</b>

**CWCB Project Manager:** Finance Section

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.