

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

Applicant & Fiscal Agent: Orchard Ranch Ditch Company

Water Activity Name: Orchard Ranch Ditch Company Pipe Project

Water Activity Purpose: Agricultural & Nonconsumptive/Implementation

County: Delta

Drainage Basin: Gunnison

Water Source: Surface Creek

Amount Requested/Source of Funds: \$25,000 Gunnison Basin Account
\$25,000 Statewide Account
\$50,000 Total Grant Request

Matching Funds: Basin Account Match (\$25,000) = 50% of total grant request (meets 5% min);
Applicant/3rd Party Match (\$1,380,721) = 2,761% of total grant request (meets 5% min);
Basin & Applicant/3rd Party Match (\$1,405,721) = 2,811% of total grant request (meets 25% min);.
(refer to *Funding Summary/Matching Funds* section)

Staff Recommendation:

Staff recommends approval of up to \$25,000 from the Gunnison Basin Account; and \$25,000 from the Statewide Account to help fund the project titled: Orchard Ranch Ditch Company Pipe Project.

Water Activity Summary: The ORDC project entails changing 10,800 feet of main canal and laterals to a pressurized pipe delivery system for irrigation water owned by the stockholders. The project included all aspects of feasibility, engineering design, construction and wildlife habitat replacement. The main objective of the project will be to eliminate water loss, due to seepage lessening liability issues encountered with an open ditch and eliminating salt load of approximately 1,000 tons per year from the Gunnison River. It will also decrease the amount of selenium entering the river. The company has qualified for a US Bureau of Reclamation grant. The turnouts from the pipe will be designed to deliver water at pressures suitable for furrow irrigation and to be convertible to deliver water under pressure as farmers convert to sprinkler irrigation. Water will be measured using meters and flumes.

Discussion: This project has been identified in the Gunnison Basin Implementation Plan and has been ranked as a #3 priority for ditches in the Surface Creek area with a Tier 1 rating.

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:

This activity has undergone review and evaluation and staff has determined that it satisfies the Evaluation Criteria. Please refer to WSR Application for applicant's detailed response.

Funding Summary/Matching Funds:

<u>Funding Source</u>	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
USBOR	\$1,280,721	\$0	\$1,280,721
Orchard Ranch Dutch Company (Exist CWCB Loan)	\$100,000	\$0	\$100,000
Subtotal Matching Funds	\$1,380,721	\$0	\$1,380,721
WSRA Gunnison Basin Account	\$25,000	n/a	\$25,000
WSRA Statewide Account	\$25,000	n/a	\$25,000
Total Project Costs	\$1,430,721	\$0	\$1,430,721

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 WSR 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.