

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
January 27-28 2014
Agenda Item 31(e)

Applicant: La Acequia del Cerro

Water Activity Name: Rehabilitation and Ditch Lining

Water Activity Purpose: Agricultural

County: Costilla

River Basin: Rio Grande

Water Source: Culebra Creek

Amount Requested: \$100,000 from the Rio Grande Basin Account

Matching Funds: \$33,000 cash match, NRCS (24% of total project costs); \$5,510 in-kind/cash match La Acequia del Cerro (4% of total project costs: Total Cash Match = 28% of total project costs)

Staff Recommendation:

Staff recommends approval of up to \$100,000 from the Rio Grande Basin Account for the project titled: La Acequia del Cerro - Rehabilitation and Ditch Lining.

Water Activity Summary: WSRA Grant funds will be expended to remove deteriorated concrete lining in the Northern Cerro Ditch installed in the 1960's. The concrete lining has deteriorated beyond repair and has out lived its life expectancy by approximately 27 years. A design supported and approved by the Natural Resource Conservation Service (NRCS) is to reline the ditch beginning at the sluice approximately 20 ft from the head gate off the Culebra Creek to the road in Chama Canon. The ditch will be lined with cement approximately 1,900 linear ft. Relining of approximately 1,900 linear feet of ditch is one component of a larger, more comprehensive effort to improve water delivery and reduce long term maintenance costs along the Northern Cerro Ditch. Additionally, the comprehensive effort will also replace 15,000 feet of existing ditch with 15,000 linear feet of high-density pipe (HDPE). In sum, the comprehensive effort is expect to cost approximately \$1,239,918, of which La Acequia del Cerro will be contributing an in-kind/cash match of \$60,000 (this includes the \$5,510 in-kind/cash match), CWCB WSRA Rio Grande Basin Account may contribute (if approved) \$100,000, while other entities (NRCS and Costilla County Conservation District) are expected to provide an additional \$1,079,918 cash match.

Threshold and Evaluation Criteria:

The application meets all four Threshold Criteria.

Funding/Match Summary:

| | <u>In-kind/Cash (%)</u> | <u>Total (%)</u> |
|-------------------------------|-------------------------|---------------------|
| WSRA Rio Grande Basin Account | \$100,000 (n/a) | \$100,000 (n/a) |
| NRCS | \$33,000 (24%) | \$33,000 (24%) |
| La Acequia del Cerro | <u>\$5,510 (4%)</u> | <u>\$5,510 (4%)</u> |
| Total | \$138,510 | \$138,510 |

Discussion:

No additional discussion is needed.

Issues/Additional Needs:

No additional issues or needs were identified.

Staff Recommendation:

Staff recommends approval of up to \$100,000 from the Rio Grande Basin Account for project titled: La Acequia del Cerro - Rehabilitation and Ditch Lining.

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.