

**Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
Agenda Item 13.e**

Applicant: Animas Consolidated Ditch Company

Water Activity Name: Animas River Diversion Headgate Monitoring Study

Water Activity Purpose: Agricultural Study

County: La Plata

River Basin: Southwest Basin Roundtable

Water Source: Animas River

Amount Requested: \$14,500 (Southwest Basin Account)

Matching Funds: \$4,000 cash match (28% of the grant request)

Staff Recommendation
Staff recommends approval of up to \$14,500 from the Southwest Basin Account for the purposes of monitoring headcutting impacts.

Water Activity Summary:

The Animas Consolidated Ditch company is heading a coalition of five ditch companies located in the Animas River Valley. These ditch companies irrigate approximately 3,000 acres on both sides of the river.

As stated by the applicant, the objectives are to “install control points along a specific river stream section, delineate river cross sections, collect and analyze data. The data collection shall be made available for future studies to evaluate potential changes in the Animas River.”

According the roundtable’s letter of approval, the study complements both consumptive and nonconsumptive IPPs related to the animas river. The permanent control points will be established into the riparian habitat in a ½ mile section of the Animas River that includes points of diversion for 98% of the beneficial use of the Animas water from Baker’s Bridge to Durango. The control points will be used to compare head-cutting resulting from past gravel mining to data collected in 1981 and monitor change going forward. Should structural correction be required to maintain the capability for continued diversions, the survey will provide information needed to design corrections.

Threshold and Evaluation Criteria

The application meets all four Threshold Criteria.

Funding Overview

The applicant and its partners are providing matching cash funds of \$4,000.

Discussion:

No additional discussion is needed.

Issues/Additional Needs:

No additional issues or needs were identified.

Staff Recommendation:

Staff recommends approval of up to \$14,500 from the Southwest Basin Account for the purposes of monitoring headcutting impacts.

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.

Location Map:

