

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**September 11-12, 2014**  
**Agenda Item 13(b)**

**Applicant & Program Sponsor:** Southeastern Colorado Water Conservancy District

**Water Activity Name:** Arkansas Basin Implementation Plan – Modeling & Shortage Analysis

**Water Activity Purpose:** All inclusive

**County:** n/a

**Drainage Basin:** Arkansas

**Water Source:** Arkansas River & tributaries

**Total Amount Requested:** \$100,000

**Source of Funds:** \$70,000 Arkansas Basin Account; and \$30,000 Statewide Account

**Matching Funds:** n/a

<b>Staff Recommendation:</b>
Staff recommends approval of up to \$70,000 from the Arkansas Basin Account; and \$30,000 from the Statewide Account to help fund the project titled: Arkansas Basin Implementation Plan - Modeling & Shortage Analysis.

**Water Activity Summary:** WSRA funds will be expended to complete the Arkansas Basin Implementation Plan – Modeling & Shortage Analysis that conforms to the Basin Implementation Plan Guidance Document, with the Southeastern Colorado Water Conservancy District acting as the applicant and program sponsor. The Draft Arkansas Roundtable Basin Implementation Plan was delivered to the Colorado Water Conservation Board on the July 31, 2014 deadline. At the time of delivery, the Plan acknowledged that it was a draft only. Additional time and resources are required to verify and enhance the hydrologic model through a technical subcommittee. This model will be used to simulate future demand scenarios and evaluate shortages under dry, average and wet hydrologic conditions within the Arkansas River Basin. The model will provide the Basin with a planning tool that can be used to identify regional shortages/conflicts.

**Discussion:**

No additional discussion is needed.

**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

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.