

STATE OF COLORADO

Colorado Water Conservation Board Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Andy Moore, Water Resources Engineer
Interstate, Federal, and Water Information Section

DATE: November 8, 2013

SUBJECT: **Agenda Item 27d, November 19-20, 2013 Board Meeting
Finance – Construction Fund Non-Reimbursable Investment – En-Bloc
Arkansas River Decision Support System**

Introduction

Staff is requesting from the CWCB Non-Reimbursable Investment Program an appropriation of \$500,000 for the continuation of the Arkansas River Decision Support System (ArkDSS). The Colorado Decision Support Systems (CDSS) are a joint effort of CWCB and DWR, with the purpose of providing data and analytical tools to aid in water resources planning and management in the State. Currently there are DSSs in place for the Colorado River and Rio Grande Basins, and the development of the South Platte DSS is ongoing.

The ArkDSS is the last DSS to be developed for CDSS. The feasibility study was completed in December 2011, resulting in a proposed implementation process including four phases, at an estimated total cost of \$7,590,000. Funding of \$750,000 has previously been approved by the Board for Phases 1 and 2. The funding requested herein will be used to continue the ArkDSS implementation, which at this stage includes primarily data compilation and data collection activities that will provide the foundation for the ArkDSS.

Staff Recommendation

Staff recommends that the Board approve this request for the General Assembly to authorize this project and appropriate \$500,000 from the Construction Fund to the Department of Natural Resources for allocation to CWCB to continue implementation of the ArkDSS.

**CWCB Water Project Non-Reimbursable Investment Program
Project Data Sheet**

Sponsor: Colorado Water Conservation Board

Location: Statewide

Project Name: Arkansas River Decision
Support System

Project Type: Decision Support System

Drainage Basin: Arkansas River Basin

Water Source: Arkansas River

Total Project Cost: \$7,590,000

Funding Source: Construction Fund

CWCB NRI: \$500,000

Type of Grantee: State Agency

Colorado's Decision Support Systems (CDSS) are a joint effort of CWCB and DWR, with the purpose of providing data and analytical tools to aid in water resources planning and management in the State. Currently there are DSSs in place for the Colorado River and Rio Grande Basins, and the development of the South Platte DSS is ongoing.

The Arkansas River Decision Support System (ArkDSS) is the last DSS to be developed for CDSS. The feasibility study was completed in December 2011, resulting in a proposed implementation process including four phases, at an estimated total cost of \$7,590,000. \$750,000 has previously been approved by the Board for Phases 1 and 2. Work has begun on several aspects of ArkDSS, with coordination with several Roundtable projects and DWR Division 2 work, and a streamflow gage has been installed on Fountain Creek. Requests for Proposals for more tasks will be released in the near future. The funding requested herein will be used to continue the ArkDSS implementation, which at this stage includes primarily data compilation and data collection activities that will provide the foundation for the ArkDSS.