



## 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 15-16, 2017 Board Meeting

**AGENDA ITEM:** 7a. 2018 Projects Bill  
Non-Reimbursable Project Investments  
(7) Arkansas River Decision Support System - Continuation

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#### Introduction

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, Rio Grande, and South Platte Basins.

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 an estimated total cost of \$7,590,000. \$2,250,000 has previously been approved by the Board. Work has begun on the first phase of ArkDSS, which includes three major components of ArkDSS: spatial system integration (GIS); consumptive use analysis and surface water planning model development; and administration and accounting tool development. The funding requested herein will be used to continue the ArkDSS implementation.

#### Staff Recommendation

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





## Arkansas River Decision Support System

Colorado Water Conservation Board

November 2017 Board Meeting

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P R O J E C T D E T A I L S	
<i>Project Cost:</i>	\$7,590,000
<i>NRI Funding Request:</i>	\$500,000
<i>Funding Source:</i>	Construction Fund
<i>Project Type:</i>	Other
<i>Type of Grantee:</i>	State Government

L O C A T I O N	
<i>Benefits:</i>	Statewide
<i>Water Source:</i>	N/A
<i>Drainage Basin:</i>	Arkansas