

# STATE OF COLORADO

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## Colorado Water Conservation Board

### Department of Natural Resources

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TO: Colorado Water Conservation Board

FROM: Tim Feehan, PE, Deputy Director, Resource Management

DATE: November 8, 2013

SUBJECT: Agenda Item 29b, November 19-20, 2013 Board Meeting  
2014 Projects Bill Discussion Item  
Water Infrastructure and Supply Efficiency Project Funding

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John W. Hickenlooper  
Governor

Mike King  
DNR Executive Director

James Eklund  
CWCB Director

### Introduction

The CWCB has received several requests for loan funding for the Water Infrastructure and Supply Efficiency (WISE) Project - Implementation Phase. Collectively the loan requests total \$44 million.

At its September 2013 meeting, the CWCB Finance Committee made a favorable recommendation to the CWCB Board to fund WISE at the requested \$50 million for consideration and potential approval at its regular November 2013 Board meeting. The loan request has been reduced to \$44 million since that meeting, given that Dominion Water and Sanitation District has removed its \$6 million loan request. Additionally, at that same meeting, the Finance Committee discussed moving the first phase of funding for WISE from FY 15/16 to FY 14/15, contingent upon CWCB receiving additional funding. This was further discussed and approved at the October 2013 CWCB Special Board meeting.

Extending the funding commitment for WISE out to FY 15/16 allowed the Board to dedicate \$40 million in emergency loan funds towards the September 2013 flood event.

### Recommendation

Staff recommends that the Board include in the 2014 Projects Bill a request for the General Assembly to authorize \$44,000,000 for the Water Infrastructure and Supply Efficiency Project.

## **Background**

The WISE Partnership is a regional water supply project among Aurora Water, Denver Water and the South Metro Water Supply Authority (SMWSA) to combine available water supplies and system capacities to create a sustainable new water supply. Through WISE, Aurora Water and Denver Water will provide 7,000 AF/year (on average) of fully treated water to SMWSA for distribution to its members on a permanent basis. Aurora's Prairie Waters system will be delivering water from the South Platte when Aurora and Denver Water have available water supplies and capacity. WISE will also enable Denver Water to access its supplies through Prairie Waters during periods when it needs to utilize its additional water supplies. Denver Water and Aurora Water will supply water to SMWSA at a master meter located near Aurora's Binney Water Purification Facility (Binney Facility). SMWSA will develop infrastructure within its area for distribution to their members.

To distribute WISE water to its members, SMWSA is developing the Western Pipeline system. This system will begin at a new pump station located at the Binney Facility. This pumping facility will be dedicated to pumping WISE water generally west to a high point located near the intersection of Smoky Hill Road and E470. From this location, WISE water will flow by gravity south and then west along E470/C470 corridor through an existing pipeline currently owned and operated by East Cherry Creek Valley Water & Sanitation District (ECCV) known as the ECCV western pipeline. Several turnouts will be constructed to deliver water directly to WISE partners with systems adjacent to this pipeline. A turnout and pump station will also be constructed near the intersection of Chambers Road and E470 to deliver water to WISE partners located south of the ECCV western pipeline. A pipeline will be constructed along the eastern side of Rueter-Hess Reservoir to allow storage of WISE water. In total, this system will consist of three new pump stations, 45 miles of new pipelines, 15 miles of existing pipe to be acquired from ECCV, and unique delivery points for each of the participants. In total this system will cost approximately \$132 to \$142 million.

## **Proposed Project Bill Language**

The following language shall be considered for the 2014 Project Bill as it relates to this Project.

SECTION X. Project Authorization. (1) Pursuant to section 37-60-122 (1) (b), C.R.S. (2013), the Colorado Water Conservation Board is hereby authorized to loan moneys to enable the construction of the WISE Project - \$44 million

Breakdowns of the individual water provider's loan needs are estimated at:

Borrower	Est. Loan (\$ Millions)
1) Cottonwood Water & Sanitation District	\$4.0
2) Inverness Water & Sanitation District	\$5.0
3) Parker Water & Sanitation District	\$12.0
4) Pinery Water & Wastewater District	\$10.0
5) Rangeview Metropolitan District	\$6.0
6) Stonegate Village Metropolitan District	\$6.0
Total	\$44.0