



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Kevin Reidy, State Water Conservation Technical Specialist,
Water Supply Plannin Section

DATE: November 19-20, 2014 Board Meeting

AGENDA ITEM: 30c - CWCB's 2015 Project Bill - Construction Fund
Non-Reimbursable Project Investments
Water Conservation Planning & Data Tracking Tools

Introduction

To better understand Colorado's future water supply needs and options, accurate and timely local information must be incorporated into statewide demand forecasts. The first phase of water use and water conservation data collection has been completed through the creation of the CWCB Water Efficiency Data Portal. The first phase included creation of the portal and database with the necessary content fields for water use and water conservation data.

This next phase will entail refinements to the output tools such as customized reports that will assist in future SWSI efforts as well as informing future Colorado Water Plans. As local water providers use the system and begin to enter multiple years of data, CWCB staff will be surveying them as to their needs for specific data outputs that will help their long term planning. A savings estimation and program tracking tool could be built into this existing database and portal. This would allow local water providers to track program effectiveness and estimate water savings more accurately and in a uniform fashion. Additionally, work can be done to integrate this web data portal into the BNDSS so that the CWCB can have water use and conservation data tied into the bigger water supply planning efforts of the CWCB.

Data collection is critical to refining and improving the State's understanding of the role of urban conservation in meeting Colorado's future water supplies. This project is necessary for the long term collection of water demand and water conservation data in order to identify savings and programmatic trends. As the CWCB progresses through successive planning cycles of SWSI and Colorado's Water Plan, this data will form an important part of the planning process.

Staff Recommendation

Staff recommends that the Board approve this request the General Assembly to authorize this project and appropriate \$100,000 from the Construction Fund to the Department of Natural Resources for allocation to the CWCB for technical activities related water conservation planning and data tracking.





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This next phase will entail refinements to the output tools such as customized reports that will assist in future SWSI efforts as well as informing future editions of the Colorado Water Plan. As local water providers use the system and begin to enter multiple years of data, CWCB staff will be surveying them as to their needs for specific data outputs that will help their long term planning. One idea is that a savings estimation and program tracking tool could be built into this existing database and portal. This would allow local water providers to track program effectiveness and estimate water savings more accurately and in a uniform fashion. Additionally, work can be done to integrate this web data portal into the BNDSS so that we can have water use and conservation data tied into the bigger water supply planning efforts of the CWCB.

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P R O J E C T D E T A I L S	
<i>Project Cost:</i>	\$100,000
<i>NRI Funding Request:</i>	\$100,000
<i>Funding Source:</i>	Construction Fund
<i>Project Type:</i>	Study, Develop & Tools
<i>Type of Grantee:</i>	State Government
L O C A T I O N	
<i>Benefits:</i>	Statewide
<i>Water Source:</i>	Statewide
<i>Drainage Basin:</i>	Statewide