



**COLORADO**

**Colorado Water  
Conservation Board**

Department of Natural Resources

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**TO:** Colorado Water Conservation Board Members

**FROM:** Craig Godbout  
Program Manager  
Water Supply Planning Section

**DATE:** November 6, 2015

**AGENDA ITEM:** 14 (a-b) WSRA Grant Requests

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### Staff Recommendation - Action Items: WSRA Grant Requests

A summary of staff's recommendation for each WSRA application is provided in the first component of the attached table. If applicable, the table also includes a breakdown of match amounts for applications that include a request for statewide WSRA funds.

Favorable recommendations may be contingent on providing the CWCB with additional information, clarifications, or modifications in the scope of work. Please refer to the Water Activity Summary Sheets contained within this agenda item to find a summary of staff's review and any conditions associated with each recommendation.

### Background:

For this agenda item the Board is provided with a brief overview of applications to the Water Supply Reserve Account (WSRA). Attachments to this memo include:

- Summary spreadsheet detailing funding requests for the basin and statewide accounts;
- Summary spreadsheet displaying current WSRA Balance Summary of Fund Appropriations and Receipts by Fiscal Year, and Fund Distribution by Basin and Statewide Account.
- Water Activity Summary Sheets which provide an overview, discussion, issues/additional needs, and staff recommendation regarding funding, partial funding, or not funding the applications.

Staff's review of the applications involves the following steps:

- 1) Applications are reviewed for completeness based on the information requirements, which are primarily outlined in Part 2 of the Criteria and Guidelines (C&G).
- 2) Applications are reviewed to verify that the water activity meets the eligibility requirements in Section 39-29-108 (III) C.R.S. (C&G, Part 2) and the threshold criteria, which are based on the requirements of Section 39-29-108 (III) C.R.S., and two



sections of the Water for the 21st Century Act (House Bill 1177); Section 37-75-102 and Section 37-75-104(2)(c) (C&G, Part 3). Staff also verifies that the applicant was an eligible entity to receive funding (C&G, Part 2).

- 3) Staff then prepares the Water Activity Summary Sheet which documents the outcome of the review process and contains staff's recommendations.

**Water Supply Reserve Account Balance Summary and Project Status Report:**

To provide the Board updates on the status of specific Water Supply Reserve Account grant applications and projects, staff provides a status report in the CWCB Director's Report. The WSRA status report includes the following information:

- List of completed WSRA projects;
- List of WSRA projects in progress; and
- List of WSRA projects in the contracting and procurement process.



# Water Supply Reserve Account Applications for Consideration at the CWCB November 2015 Board Meeting

Agenda Item	Basin	Applicant	Name of Water Activity	Basin(s) Account Request	Statewide Account Requests	Total Request	Cash Match	In-Kind Match	Total Match	Total Project or Study Costs	Staff Recommendations	PM
14(a)	Arkansas	Arkansas River Basin Water Forum	Arkansas BIP Education & Outreach Goals	\$150,000	\$0	\$150,000	\$0	\$72,000	\$72,000	\$222,000	Staff recommends approval of up to \$150,000 from the Arkansas Basin Account	Kate McIntire
14(b)	Colorado	Eagle County Conservation District	Irrigation Asset Inventory Program	\$54,300	\$0	\$54,300	\$5,000	\$6,200	\$11,200	\$65,500	Staff recommends approval of up to \$54,300 from the Colorado Basin Account	Brent Newman
				<b>\$204,300</b>	<b>\$0</b>	<b>\$204,300</b>						

<u>Basin</u>	<u>Basin Account Requests</u>	<u>Statewide Account Requests</u>	<u>Total Requests</u>	<u>Current Basin Account Balances</u>	<u>Remaining Basin Account Balances (if all requests approved)</u>	<u>Current Statewide Account Balance</u>	<u>Remaining Statewide Account Balance (if all requests approved)</u>
<u>Arkansas Basin</u>	\$150,000	\$0	\$150,000	\$168,766	\$18,766		
<u>Colorado Basin</u>	\$54,300	\$0	\$54,300	\$469,888	\$415,588		
<u>Gunnison Basin</u>	\$0	\$0	\$0	\$760,961	\$760,961		
<u>Metro Basin</u>	\$0	\$0	\$0	\$238,494	\$238,494		
<u>North Platte</u>	\$0	\$0	\$0	\$752,257	\$752,257	<b>\$1,898,512</b>	<b>\$1,898,512</b>
<u>Rio Grande</u>	\$0	\$0	\$0	\$318,013	\$318,013		
<u>Southwest</u>	\$0	\$0	\$0	\$782,849	\$782,849		
<u>South Platte</u>	\$0	\$0	\$0	\$352,213	\$352,213		
<u>Yampa/White/Green</u>	\$0	\$0	\$0	\$1,030,785	\$1,030,785		
<u>Water Supply Reserve Account Total Requests</u>	<b>\$204,300</b>	<b>\$0</b>	<b>\$204,300</b>	<b>\$4,874,226</b>	<b>\$4,669,926</b>		

**COLORADO WATER CONSERVATION BOARD**  
**Water Supply Reserve Account - Balance Summary**  
**November 2015**

Updated 11/5/15

<b>Fund Appropriation and Receipts</b>				
<b>Fiscal Year</b>	<b>Legislative Appropriation</b>	<b>Funds Received</b>	<b>Statewide Account</b>	<b>Basin Account</b>
2006/2007	\$10,000,000	\$10,000,000	\$5,500,000	\$4,500,000
2007/2008	\$6,000,000	\$6,000,000	\$4,200,000	\$1,800,000
2008/2009	\$10,000,000	\$7,000,000	\$4,300,000	\$2,700,000
2009/2010	\$5,775,000	\$5,775,000	\$4,215,750	\$1,559,250
2010/2011	\$6,000,000	\$6,000,000	\$4,380,000	\$1,620,000
2011/2012	\$7,000,000	\$7,000,000	\$4,732,000	\$2,268,000
2012/2013	\$10,000,000	\$7,157,724	\$4,580,943	\$2,576,781
2013/2014	\$10,000,000	\$10,091,639	\$6,458,649	\$3,632,990
2014/2015	\$10,000,000	\$10,000,000	\$6,400,000	\$3,600,000
2015/2016	\$10,000,000	\$4,000,000	\$2,560,000	\$1,440,000
Interest	N/A	\$2,857,935	\$1,829,078	\$0
Prior Years Interest Adjustment			\$1,028,856	\$0
2014/2015 Interest	N/A	\$ 240,216	\$240,216	\$0
2015/2016 Interest	N/A	\$ 38,734	\$38,734	\$0
<b>TOTAL</b>	<b>\$74,775,000</b>	<b>\$76,161,247</b>	<b>\$50,464,226</b>	<b>\$25,697,021</b>

Note: The WSRA is a Severance Tax "Tier II" program with 40% of funds distributed on July 1, 30% on January 1, and the final 30% on April 1.

In FY 2008/2009 the final 30% installment of \$3,000,000 was not received due to the State's budgetary shortfall.

In January 2012 interest for the program from its inception to date was credited directly to the Statewide Account.

Interest from January 2012 on is regularly calculated by the Treasury and credited to the Statewide Account.

<b>Fund Distribution</b>					
<b>Basin</b>	<b>Approved Basin Grants</b>	<b>Total Basin Funds</b>	<b>Basin Account Balance</b>	<b>Approved State Grants</b>	<b>Statewide Account Balance</b>
Arkansas	\$2,686,459	\$2,855,225	\$168,766	\$8,365,160	
Colorado	\$2,385,337	\$2,855,225	\$469,888	\$5,164,260	
Southwest	\$2,072,376	\$2,855,225	\$782,849	\$6,757,109	
Gunnison	\$2,094,264	\$2,855,225	\$760,961	\$3,812,791	
Metro	\$2,616,731	\$2,855,225	\$238,494	\$6,713,284	
North Platte	\$2,102,968	\$2,855,225	\$752,257	\$508,078	
Rio Grande	\$2,537,212	\$2,855,225	\$318,013	\$10,260,323	
South Platte	\$2,503,012	\$2,855,225	\$352,213	\$6,372,646	
Yampa/White	\$1,824,440	\$2,855,225	\$1,030,785	\$612,063	
<b>TOTAL</b>	<b>\$20,822,799</b>	<b>\$25,697,021</b>	<b>\$4,874,222</b>	<b>\$48,565,714</b>	<b>\$1,898,512</b>
<b>TOTAL APPROVED GRANTS</b>					<b>\$69,388,513</b>

Note: Only includes grants approved by CWCB

\*See Comments - Figures have changes due to grantee's withdrawn funding

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**November 18-19, 2015**  
**Agenda Item 14(a)**

**Applicant & Fiscal Agent:** Arkansas River Basin Water Forum (ARBWF)

**Water Activity Name:** Implementing the Education and Outreach Goals of the Ark BIP through Education to Action Projects/Programs over a 3-year Period

**Water Activity Purpose:** Education/Outreach

**County:** throughout Arkansas basin

**Drainage Basin:** Arkansas

**Water Source:** n/a

**Amount Requested/Source of Funds:** \$150,000 Arkansas Basin Account (\$50,000 per year for three years)

**Matching Funds:** Applicant Match: \$72,000 (in kind) = 32.4% of the total project cost of \$222,000  
(refer to *Funding Summary/Matching Funds* section below)

<b>Staff Recommendation:</b>
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Staff recommends approval of up to \$150,000 from the Arkansas Basin Account to help fund the project titled: Implementing the Education and Outreach Goals of the Ark BIP through Education to Action Projects/Programs over a 3-year Period.
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**Water Activity Summary:** WSRA funds, if approved, will be expended to fund the program: Implementing the Education and Outreach Goals of the Ark BIP through Education to Action Projects/Programs over a 3-year Period. These funds are requested by the Arkansas River Basin Water Forum in partnership with the PEPO Committee and the Executive Committee of the Arkansas Basin roundtable. The goal of this collaboration is to provide leadership in water education and promote education action projects/programs that address the needs of the Arkansas Basin Implementation Plan. Four goals were identified in the Ark BIP as areas of concern: storage, agriculture, municipal, and environment/recreation. Funding will be used to address these concerns, provide education and promote action through multiple outreach mechanisms geared to engage a vast audience.

The proposed projects/programs will include an hour-long documentary plus webisodes that will focus on the economic and social values of the Arkansas River, a Water Festivals Toolkit to support and implement water festivals in Pueblo, Trinidad, Colorado Springs, and Salida, along with “mini” festivals in small communities across the basin; Water Education Activity Books developed locally and distributed through summer reading programs in Ark Basin public libraries; Education to Action Program that will provide an outreach mechanism to promote collaboration and implementation of Ark BIP identified planned projects; and a Project Coordinator to organize and manage tasks for all proposed programs.

**Discussion:** The proposed program and deliverables are designed to line up with the next steps identified in the Arkansas Basin Implementation Plan, and are consistent with the education and outreach goals in Colorado's Water Plan. The program is designed to unify the efforts of the Roundtable, PEPO, and the ARBWF, which represent the most active education and outreach programs in the basin.

**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

**Funding Summary/Matching Funds:**

	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
Partner Entities	\$0	\$72,000	\$72,000
WSRA Arkansas Basin Account	\$150,000	n/a	\$150,000
<b>Total</b>	<b>\$150,000</b>	<b>\$72,000</b>	<b>\$222,000</b>

Partnering entities are: Arkansas Basin Conservancy Districts, CSU Pueblo staff, Colorado Water Institute, local water groups, Pueblo Water, Colorado Springs Utilities, and numerous volunteers.

**CWCB Project Manager:** Kate McIntire

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.

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**November 18-19, 2015**  
**Agenda Item 14(b)**

**Applicant & Fiscal Agent:** Eagle County Conservation District

**Water Activity Name:** Eagle County Conservation District Irrigation Asset Inventory Program

**Water Activity Purpose:** Agricultural

**County:** Eagle

**Drainage Basin:** Colorado

**Water Source:** Colorado River tributaries

**Amount Requested/Source of Funds:** \$54,300 Colorado Basin Account (total grant request)

**Matching Funds:** Applicant Match: \$11,200 (cash & in kind) =17.1% of the total project cost of \$65,500  
(refer to *Funding Summary/Matching Funds* section below)

<b>Staff Recommendation:</b>
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Staff recommends approval of up to \$54,300 from the Colorado Basin Account to help fund the project titled: Eagle County Conservation District Irrigation Asset Inventory Program.
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**Water Activity Summary:** WSRA funds, if approved, will be expended to fund the Eagle County Conservation District (ECCD) Irrigation Asset Inventory Program. The project proposes to develop a program to assess the condition of the agricultural infrastructure within the ECCD's boundaries, ultimately assigning a "conditional ranking" to irrigation system infrastructure to assist with the prioritization of improvements and funding needs.

The inventory and assessment process will evaluate all ditch related structures from the diversion structure to the last lateral. The inventory will photo document the existing condition of the structures along with a brief editorial summary and condition assessment. Ditch system structures to be evaluated include: diversion structure, headgate and wingwalls, return headgate and ditch, measuring structure, ditch condition throughout length of ditch, culverts, and lateral headgates as available. Environmental (non-consumptive) attributes will also be documented near the diversion structure and as identified by the ditch owner. Environmental attributes to be identified include riparian areas and condition, fish habitat and barriers, erosive prone areas, and dechannelized flows.

The major goals of the program are as follows:

- Education - The program will provide system owners with a ditch summary report that will document ditch operations, top concerns and needs as well as provide a resource of contact and maintenance tips. This report may also be used by the ditch owners as supplemental support of top needs when seeking additional funding or project support.
- Collaboration - Connecting ditch owners to regional partners that can assist in the funding and implementation of identified top concerns. The potential for future agricultural structural

projects that can offer environmental improvements will also be assessed as part of the ditch evaluation.

- Environmental conditions evaluated include potential for improved fish habitat and barriers, riparian area, channelized streams, sediment reductions, and reducing the potential for water quality degradation.
- Collaboration - Prioritized list of (non-ditch specific) agricultural projects with multiple benefits that potential partnering organizations could review when looking for teaming opportunities.
- Build Trust - Build confidence among peers in agriculture community through maintaining a high level of privacy related to specific ditch conditions and only proceeding on ditch evaluations and partnership opportunities with owner's permissions.

**Discussion:** The Irrigation Asset Inventory Program was included in the Colorado River Basin Implementation Plan as a top regional project to support agriculture in the Eagle River and State Bridge regions both of which are covered by the ECCD. The project also meets five of the Colorado BIP's six themes:

- Sustain Agriculture
- Protect and Restore Healthy Streams, Rivers, Lakes and Riparian Areas
- Secure Safe Drinking Water
- Assure Dependable Basin Administration
- High Basinwide Conservation

More information on these themes, and how the project addresses these themes, is located within the application.

**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

**Funding Summary/Matching Funds:**

	<u>Cash</u>	<u>In-kind</u>	<u>Total</u>
ECCD	\$5,000	\$3,000 <sup>(1)</sup>	\$8,000
NRCS	\$0	\$3,200 <sup>(2)</sup>	\$3,200
Subtotal Matching Funds	\$5,000	\$6,200	\$11,200
WSRA Colorado Basin Account	\$54,300	n/a	\$54,300
<b>Total</b>	<b>\$59,300</b>	<b>\$6,200</b>	<b>\$65,500</b>

(1) Estimated based upon 150 hours of in-kind service.

(2) Estimated based upon 40 hours of program oversight and engineering

**CWCB Project Manager:** Brent Newman

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.