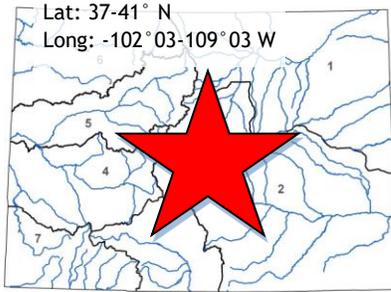




Water Plan Grant Application



L O C A T I O N	
County/Countries:	Statewide
Drainage Basin:	All

D E T A I L S	
Total Project Cost:	\$120,000
Water Plan Grant Request:	\$60,000
Other CWCB Funding:	\$0
Other Funding Amount:	\$0
Applicant Match:	\$60,000
Project Type(s):	Study, Construction, IPP, Other
Project Category(Categories):	Engagement & Innovation
Measurable Result:	750-1,000 number of Coloradoans impacted by engagement activity

The Colorado Ag Water Alliance (CAWA) is an association of agricultural organizations that have aligned to disseminate information to producers so they can make informed choices about their water rights. This project is the second phase of a previously approved Water Plan Grant from Fiscal Year 2017-18.

CAWA will use grant funds to continue outreach methods they are using in Phase 1. CAWA intends to further engage and inform agricultural water right holders and non-ag water interests about contemporary agricultural water issues, including the direct and indirect benefits of irrigated agriculture and how agriculture and other water interests can benefit from mutual collaboration.

The educational tools - workshops, presentations, field days, videos, publications, and media outreach will be utilized to synthesize a factual, comprehensive body of resources that will be presented both in live venues around the state and also accessible on demand for all Colorado citizens to access at any time.

The project will influence agricultural water decision-makers in all river basins. Staff will work with CAWA to identify locations of additional workshops, tours and meetings with the goal of reaching as many individual agricultural water right holders and Ditch Company members as possible. We will engage with non-ag water interests through these efforts to facilitate sharing of perspectives and needs among the disparate water groups.

CWCB funding will be used to help support the planning, implementation and follow-up work related to the workshops, field days, presentations, webinars, videos, lease screening tool use analysis and refinement, and other statewide outreach efforts that will be accomplished through this project.

This project is in line with the Education and Outreach section of the Water Plan which calls for “education for farmers on available incentives for on-farm implementation of agricultural conservation measures, water sharing opportunities, and other tools available to growers” (Section 9.5).



Last Updated: June 2018

Colorado Water Conservation Board

Water Plan Grant Application

Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as “project”) funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

- | | |
|-------------------------------------|----------------------------|
| Water Storage Projects | Anna.Mauss@state.co.us |
| Conservation, Land Use Planning | Kevin.Reidy@state.co.us |
| Engagement & Innovation Activities | Ben.Wade@state.co.us |
| Agricultural Projects | Alexander.Funk@state.co.us |
| Environmental & Recreation Projects | Chris.Sturm@state.co.us |

FINAL SUBMISSION: Submit all application materials in one email to waterplan.grants@state.co.us in the original file formats [Application (word); Statement of Work (word); Budget/Schedule (excel)]. Please do not combine documents. In the subject line, please include the funding category and name of the project.

Water Project Summary

Name of Applicant	Colorado Cattlemen’s Association (incorporates CAWA as a subcontractor)	
Name of Water Project	Ag Water Collaborative – Year 2	
CWP Grant Request Amount	\$60,000	
Other Funding Sources _____	\$	
Other Funding Sources _____	\$	
Other Funding Sources _____	\$	
Applicant Funding Contribution	\$60,000	
Total Project Cost	\$120,000	



Last Updated: June 2018

Name of Grantee(s): Colorado Cattlemen's Association
Mailing Address: 8833 Ralston Road, Arvada, CO 80002
FEIN: 84-0174480
Organization Contact: Terry Fankhauser
Position/Title: Executive Vice President
Email: terry@coloradocattle.org
Phone: 303-431-6422
Grant Management Contact: Erin Karney
Position/Title: Industry Advancement Director
Email: erin@coloradocattle.org
Phone: erin@coloradocattle.org
Name of Applicant (if different than grantee): Same as grantee
Mailing Address
Position/Title
Email
Phone
Description of Grantee/Applicant
Provide a brief description of the grantee's organization (100 words or less).
<p>The mission of Colorado Cattlemen's Association (CCA) Agricultural Water NetWORK is to help “keep ag water connected with ag land.” Through outreach, education and technical assistance, the Ag Water NetWORK helps equip ag water right holders statewide with contextual, in-depth knowledge about their water rights and ag water-related challenges and opportunities in Colorado.</p> <p>The Colorado Ag Water Alliance (CAWA) is an association of agricultural organizations that have aligned to disseminate information to producers so they can make informed choices about their water rights. We also help educate non-producers about how water is used in agriculture through farm tours, which demonstrate irrigation methods and agricultural water use and administration.</p>



Last Updated: June 2018

Type of Eligible Entity (check one)	
	Public (Government): Municipalities, enterprises, counties, and State of Colorado agencies. Federal agencies are encouraged to work with local entities. Federal agencies are eligible, but only if they can make a compelling case for why a local partner cannot be the grant recipient.
	Public (Districts): Authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises.
	Private Incorporated: Mutual ditch companies, homeowners associations, corporations.
	Private Individuals, Partnerships, and Sole Proprietors: Private parties may be eligible for funding.
X	Non-governmental organizations (NGO): Organization that is not part of the government and is non-profit in nature.
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes .

Type of Water Project (check all that apply)	
	Study
	Construction
X	Identified Projects and Processes (IPP)
	Other

Category of Water Project (check the primary category that applies and include relevant tasks)	
	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity and Multi-beneficial projects and those projects identified in basin implementation plans to address the water supply and demand gap.. <i>Applicable Exhibit A Task(s):</i>
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>
X	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. <i>Applicable Exhibit A Task(s):</i>
X	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s):</i>
	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. <i>Applicable Exhibit A Task(s):</i>
	Other Explain:



Last Updated: June 2018

Location of Water Project	
Please provide the general county and coordinates of the proposed project below in decimal degrees . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/COUNTIES	All counties in Colorado
Latitude	37° N to 41° N Latitude
Longitude	102°03' W to 109°03' W Longitude

Water Project Overview	
<p>Please provide a summary of the proposed water project (200 words or less). Include a description of the project and what the CWP Grant funding will be used for specifically (e.g., studies, permitting process, construction). Provide a description of the water supply source to be utilized or the water body affected by the project, where applicable. Include details such as acres under irrigation, types of crops irrigated, number of residential and commercial taps, length of ditch improvements, length of pipe installed, and area of habitat improvements, where applicable. If this project addresses multiple purposes or spans multiple basins, please explain.</p> <p>The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.</p>	
<p>Building on the proven outreach methods that are currently in place, this grant will enable us further engage and inform ag water right holders and non-ag water interests about contemporary ag water issues, including the direct and indirect benefits of irrigated agriculture and how agriculture and other water interests can benefit from mutual collaboration. The educational tools –workshops, presentations, field days, videos, publications, and media outreach will be strategically utilized to synthesize a factual, comprehensive body of resources that will be presented both in live venues around the state and also accessible on demand for all Colorado citizens to access at any time.</p> <p>The project will influence ag water decision-makers in all river basins. The locations of workshops, tours and meetings will be identified with the goal of reaching as many individual ag water right holders and ditch company members as practicable. We will engage with non-ag water interests through these efforts to facilitate sharing of perspectives and needs among the disparate water groups.</p> <p>CWCB funding will be used to help support the planning, implementation and follow-up work related to the workshops, field days, presentations, webinars, videos, lease screening tool use analysis and refinement, and other statewide outreach efforts that will be accomplished through this project.</p>	



Last Updated: June 2018

Measurable Results	
To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:	
	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
	Existing Storage Preserved or Enhanced (acre-feet)
	Length of Stream Restored or Protected (linear feet)
	Efficiency Savings (indicate acre-feet/year OR dollars/year)
	Area of Restored or Preserved Habitat (acres)
	Quantity of Water Shared through Alternative Transfer Mechanisms
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
750 – 1,000	Number of Coloradans Impacted by Engagement Activity
	Other Explain:

Water Project Justification
<p>Provide a description of how this water project supports the goals of Colorado's Water Plan, the most recent Statewide Water Supply Initiative, and the applicable Roundtable Basin Implementation Plan and Education Action Plan. The Applicant is required to reference specific needs, goals, themes, or Identified Projects and Processes (IPPs), including citations (e.g. document, chapters, sections, or page numbers).</p> <p>The proposed water project shall be evaluated based upon how well the proposal conforms to Colorado's Water Plan Framework for State of Colorado Support for a Water Project (CWP, Section 9.4, pp. 9-43 to 9-44;)</p> <p>Through continuing to engage producers and non-producers about agricultural water use, the proposed joint CCA Ag Water NetWORK / Colorado Ag Water Alliance project will advance the goals of the Colorado Water Plan and the Basin Roundtables. The Colorado Water Plan calls for maintaining Colorado's agricultural productivity (Section 6.5) and elevating the awareness of Colorado's citizens when it comes to water issues affecting the state (Section 9.5). CCA's Ag Water NetWORK and CAWA specifically focus on providing information to producers on water conservation, irrigation efficiency, water rights and ATMs in order to help the agricultural industry become more efficient, resilient, and able to sustainably share water with other water interests using a market-driven approach.</p> <p>The Water Plan references this type of support, focusing on ditch-wide and regional conservation and efficiency opportunities and tradeoffs, long-term infrastructure maintenance needs, and the potential benefits of water sharing agreements (Sections 6.3.4, 6.4 6.5).</p> <p>The Education and Outreach section of the Water Plan also calls for "education for farmers on available incentives for on-farm implementation of agricultural conservation measures, water sharing opportunities, and other tools available to growers" (Section 9.5). The Statewide Water Supply Initiative (SWSI) 2010 also call for efforts to educate and promote stewardship of water resources that</p>



Last Updated: June 2018

recognizes water's critical role in supporting the quality of life and economic prosperity of all Coloradoans (SWSI, 8-2). The Colorado Water Education Task Force (2008) also emphasizes the need for education programs “beyond information transfer through printed or other media informational campaigns” (Final Report, 3).

Education toward and support for the agricultural community is emphasized in the majority of Basin Implementation Plans (BIPs) and Education Action Plans. The South Platte Basin Roundtable and Metro Roundtable Education Action Plan 2016-2018 calls for the long-term goal of hosting events focused on agriculture (page 1) and the South Platte BIP calls for “Improving public understanding about the goals, needs, and plans of the state and the South Platte Basin will help to improve public acceptance of the need for innovative water rate structures, energetic conservation measures, and more integrated land use and water supply planning (S-15). The Arkansas Basin Roundtable PEPO Workgroup Education Action Plan Scope of Work Years 2016-2019 emphasizes partnership in Arkansas Basin specific education, including agriculture (1). The Yampa/White/Green BIP calls for protecting and encouraging “encourage agricultural uses of water in the YWG Basin within the context of private property rights” (1.2.4). Sustaining, protecting, and promoting agriculture is major theme of the Colorado BIP (16). The Gunnison BIP also emphasizes the goal to “discourage the conversion of productive agricultural land to all other uses within the context of private property rights” (2). The Southwest Basin Roundtable Public Education, Outreach, and Participation Education Action Plan calls to “coordinate and implement workshop(s) focused on on-farm efficiencies and improvement” (6). The Rio Grande BIP also cites the need for “outreach events designed for agricultural water users [emphasis added], public officials, and community members” (160).

Related Studies

Please provide a list of any related studies, including if the water project is complementary to or assists in the implementation of other CWCB programs.

N/A

Previous CWCB Grants, Loans or Other Funding

List all previous or current CWCB grants (including WSRF) awarded to both the Applicant and Grantee. Include: 1) Applicant name; 2) Water activity name; 3) Approving RT(s); 4) CWCB board meeting date; 5) Contract number or purchase order; 6) Percentage of other CWCB funding for your overall project.



Last Updated: June 2018

Taxpayer Bill of Rights
The Taxpayer Bill of Rights (TABOR) may limit the amount of grant money an entity can receive. Please describe any relevant TABOR issues that may affect your application.
No TABOR related-constraints are known or anticipated.

Submittal Checklist	
	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract .
Exhibit A	
X	Statement of Work ⁽¹⁾
X	Budget & Schedule ⁽¹⁾
NA	Engineer's statement of probable cost (projects over \$100,000)
X	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
NA	Map (if applicable) ⁽¹⁾
NA	Photos/Drawings/Reports
	Letters of Support (Optional)
	Certificate of Insurance (General, Auto, & Workers' Comp.) ⁽²⁾
	Certificate of Good Standing with Colorado Secretary of State ⁽²⁾
	W-9 ⁽²⁾
	Independent Contractor Form ⁽²⁾ (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
X	Engagement & Innovation Supplemental Application ⁽¹⁾



Last Updated: June 2018

(1) Required with application.

(2) Required for contracting. While optional at the time of this application, submission can expedite contracting upon CWCB Board approval.



ENGAGEMENT & INNOVATION GRANT FUND SUPPLEMENTAL APPLICATION

Introduction & Purpose

Colorado’s Water Plan calls for an outreach, education, public engagement, and innovation grant fund in Chapter 9.5.

The overall goal of the Engagement & Innovation Grant Fund is to enhance Colorado’s water communication, outreach, education, and public engagement efforts; advance Colorado’s water supply planning process; and support a statewide water innovation ecosystem.

The grant fund aims to engage the public to promote well-informed community discourse regarding balanced water solutions statewide. The grant fund aims to support water innovation in Colorado. The grant fund prioritizes measuring and evaluating the success of programs, projects, and initiatives. The grant fund prioritizes efforts designed using research, data, and best practices. The grant fund prioritizes a commitment to collaboration and community engagement. The grant fund will support local and statewide efforts.

The grant fund is divided into two tracks: engagement and innovation. The Engagement Track supports education, outreach, communication, and public participation efforts related to water. The Innovation Track supports efforts that advance the water innovation ecosystem in Colorado.

Application Questions

*The grant fund request is referred to as “project” in this application.

Overview (answer for both tracks)

In a few sentences, what is the overall goal of this project? How does it achieve the stated purpose of this grant fund (above)?

The purpose of the CCA Ag Water Network / CAWA collaborative education and outreach project is to elevate understanding of agricultural water issues among Colorado’s ag water right holders and non-ag water stakeholders alike. This means increasing and improving producer access to information that results in a greater depth of knowledge on issues like historical consumptive use, irrigation efficiency, conservation, storage and ATMs. For non-producers, the project provides the opportunity to learn directly from ag producers and other experts about how the agricultural industry uses water, including issues of delivery, efficiency, conservation, and return flows, plans, as well as ATMs. In our second year of this project, we plan to bring innovative farmers and ranchers together through meetings to advance projects that benefit agriculture and meet goals set forth in the Colorado Water Plan.

Who is/are the target audience(s)? How will you reach them? How will you involve the community?

We have two target audiences. The first audience is irrigated ag producers: farmers and ranchers. In the past, we’ve reached this group through our respective memberships, member organizations, conservation districts, conservancy districts, ditch companies and general media channels. These entities represent a critical component of our outreach and engagement efforts. The other audience is non-producers, specifically non-ag stakeholders representing municipal, industrial, conservation and recreational water interests, as well as the State Assembly. We rely on organizations like Water Education Colorado, Colorado Watershed Assembly, Colorado Municipal League, and the Colorado Ag Council to help reach and engage this audience. The events geared toward this audience involve field days that build off dialogue. The videos and other media outreach efforts also combine to help answer non-producers questions, increase knowledge and reduce misunderstanding about ag water use and



help both groups find common ground around water.

Describe how the project is collaborative or engages a diverse group of stakeholders. Who are the partners in the project? Do you have other funding partners or sources?

The regional workshops specifically target the irrigated agricultural community and will emphasize reaching producers who have not previously been involved in conversations about water. Previous CAWA workshops averaged 85 people in attendance with the majority being producers. This type of engagement will be broadened and deepened as we reach out more extensively to all ag water right holders. The planned videos and webinars will focus on water-related issues that are of interest and importance to both ag and non-ag water right holders alike.

Outreach efforts focused on non-producers brings that audience to farms and ranches so they can meet local producers, learn about agricultural practices, and engage in discussion with the agricultural community.

This project also includes testing and refining the Ag Water NetWORK's on-line lease decision support tool, which is currently under development. This online utility is being designed to provide ag water right holders with a way to quickly and easily learn more about their water rights and gauge their lease potential.

We are partnering with CCA membership and CAWA member groups, Soil Conservation Districts, Rio Grande Basin Roundtable, Southwest Basin Roundtable, Arkansas Basin Roundtable, Community Ag Alliance, Colorado River Water Conservation District, North Fork Water Conservancy District, Republican River Conservation District, Arkansas Groundwater Users Association and Walton Family Foundation.

Describe how you plan to measure and evaluate the success and impact of the project?

Metrics related to attendance of workshops, webinars, tours, video, webinar and on-line resource viewing will all be tracked.

Additionally, we will continue using surveys with workshops and webinars. The use of surveys has been of great assistance in identifying topics of greatest interest, as well as areas of misconception that need further clarification. Financial sponsorship also provides an idea of how useful other organizations view outreach events.

What research, evidence, and data support your project?

According to "Public Opinions, Attitudes and Awareness Regarding Water in Colorado" (2013), the majority of Coloradoans did not know agriculture is the largest user of water in the state. Also, people in the survey rated water for agriculture highest among water quantity related concerns. **A 2011 survey of the Rocky Mountain States by Colorado College found that "loss of family farms and ranches" as the most serious environmental problem across western region, ahead of "pollution of rivers, lakes and streams," and "inadequate water supplies."** The "Public Attitudes of the Role of Food and Agriculture on Colorado's Economy, Environment and Overall Health" (2017) by CSU shows just how important agriculture is to citizens of Colorado, with 56% saying "very important" and 32% saying "moderately important" that "agriculture is an important part of Colorado's economy, and its quality of life." However, despite this interest many people are unfamiliar with agricultural water use and are prone to serious misconceptions about irrigation efficiency, water quality, water conservation, and how water is administered in agriculture.

There is also a lack of understanding among ag water right holders. The results of the CCA Ag Water NetWORK Ag Water Survey (2016) found that there are significant gaps in knowledge among producers relating to the



meaning of historical consumptive use; a fundamental tenet of an ag water right. The surveys from CAWA’s recent regional meetings also show this same pattern, as well as confusion over the difference between irrigation efficiency and conservation.

CAWA has been using comprehensive surveys to gage the value of workshops and the desire for similar programming. 29% of regional workshop attendees completed surveys and the majority of responses were positive to CAWA efforts to engages producers:

Key Questions:

I found the following information helpful.....	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
Today’s workshop as a whole		<1%	8%	55%	36%
The role of CAWA and what they are doing		<1%	16%	50%	33%

From CAWA’s recent Ag Water Tours geared toward non-producers, 85% of attendees completed the survey. In response to the question “Overall, today’s program was helpful for me to learn more about water in agriculture,” 70% responded “strongly agree”, 28% responded “agree” and 2% responded “neutral.” In response to the question “I would attend a future CAWA tour,” 77% said “strongly agree” and 23% said “agree.”

Feedback regarding the Ag Water NetWORK’s first webinar, which focused on successful ag water leasing projects, also indicated significant interest in this topic. CCA’s second webinar, which focused on irrigation efficiency and historic consumptive use, had 77 participants.

Describe potential short- and long-term challenges with this project.

Short term challenges are quickly identifying local producers engaged in irrigation efficiency projects and conservation projects that are willing to speak. We are planning to compensate speakers and rely on our past outreach efforts, industry partners and CCA’s membership to identify potential speakers. The long-term challenge is in making these outreach efforts part of a longer-term, statewide commitment to achieving a well-informed community of both ag and non-ag water right stakeholders as it relates to both ag water issues and ag water usage, as well as M & I, conservation, and recreational water needs going forward. Part of the key to this process will be in compiling survey information, gathering input, and building a comprehensive resource of farmer-led projects throughout the state and disseminating the agricultural benefits of those projects.

Please fill out the applicable questions for either the Engagement Track or Innovation Track, unless your project contains elements in both tracks. If a question does not relate to your project, just leave it blank. Please answer each question that relates to your project. Please reference the relevant documents and use chapters and page numbers (Colorado’s Water Plan, Basin Implementation Plan, PEPO Education Action Plan, etc.).

Engagement Track

Describe how the project achieves the education, outreach, and public engagement measurable objective set forth in Colorado’s Water Plan to “significantly improve the level of public awareness and engagement regarding water issues statewide by 2020, as determined by water awareness surveys.”



<p>CCA and CAWA have taken the lead on educating Colorado’s ag water right holders and the public on agricultural water issues. Through workshops, webinars, tours, videos, presentations, the project informs participants on pertinent water issues. Workshops targeting ag producers will include an array of topics that affect irrigators, including efficiency, water conservation, leasing fundamentals and important concepts of water law like consumptive use and the value of a water right. The last series of workshops had robust turnout and received significant support and attention. This project will push forward on multiple outreach fronts, engaging producers that have thus far not been involved in dialogues about ag water.</p>
<p>Describe how the project achieves the other measurable objectives and critical goals and actions laid out in Colorado’s Water Plan around the supply and demand gap; conservation; land use; agriculture; storage; watershed health, environment, and recreation; funding; and additional.</p>
<p>The goal of the Ag Water NetWORK is to “keep ag water connected with ag land” by helping producers expand sustainable, income-diversifying opportunities that enable them to optimize the value of their water rights and preserve their irrigated ag land for generations to come. CAWA’s goal is to preserve irrigated agriculture and empower producers to make the best decisions possible regarding how they manage and maximize the value and utility of their water rights. The overarching goal of this project is to help minimize buying and drying of irrigated ag land by creating a knowledgeable ag water right holder community that brings a balanced and innovative perspective to the challenge of closing the demand-supply gap. Topics including storage, conservation, conjunctive use, ATMs, and flow re-timing are of interest to both ag and non-ag interest groups, and ultimately will lead to innovative approaches to increasing conservation, improving watershed health, recreation and the environment, securing irrigated agricultural land near towns and cities, protecting food security, and building a framework which enables a more sustainable ag industry</p>
<p>Describe how the project achieves the education, outreach, and public engagement goals set forth in the applicable Basin Implementation Plan(s).</p>
<p>The South Platte Basin Implementation Plan calls for efforts to garner community and political support to develop tools to sustain irrigated agriculture (1.9.1). The Yampa/White/Green BIP calls for protecting and encouraging “agricultural uses of water in the YWG Basin within the context of private property rights” (1.2.4). Sustaining, protecting, and promoting agriculture is major theme of the Colorado BIP (16). The Gunnison BIP also emphasizes the goal to “discourage the conversion of productive agricultural land to all other uses within the context of private property rights” (2). The Rio Grande BIP also cites the need for “outreach events designed for <i>agricultural water users</i> [emphasis added], public officials, and community members” (160). The focus of the CCA/CAWA project is to provide information and support to producers to benefit irrigated agriculture by identifying and supplying information that can address and benefit both the irrigated ag industry and non-ag water uses.</p>
<p>Describe how the project achieves the basin roundtable’s PEPO Education Action Plans.</p>
<p>Education toward and support for the agricultural community is emphasized in many of the basin Education Action Plans. The South Platte Basin Roundtable and Metro Roundtable Education Action Plan 2016-2018 calls for the long term goal of hosting events focused on agriculture (page 1). The Arkansas Basin Roundtable PEPO Workgroup Education Action Plan Scope of Work Years 2016-2019 emphasizes partnership in Arkansas Basin specific education, including agriculture (1). The Southwest Basin Roundtable Public Education, Outreach, and Participation Education Action Plan includes a call to “coordinate and implement workshop(s) focused on on-farm efficiencies and improvement” (6). Our workshops, webinars, videos and other outreach provide opportunities for producers to learn more about the various goals expressed among the basin roundtables.</p>



Innovation Track
Describe how the project enhances water innovation efforts and supports a water innovation ecosystem in Colorado.
Describe how the project engages/leverages Colorado’s innovation community to help solve our state’s water challenges.
Describe how the project helps advance or develop a solution to a water need identified through TAP-IN and other water innovation challenges. What is the problem/need/challenge?
Describe how this project impacts current or emerging trends; technologies; clusters, sectors, or groups in water innovation.



Last Updated: Jan 16, 2018

Colorado Water Conservation Board
Water Plan Grant - Exhibit A

Statement Of Work	
Date:	July 16, 2018
Name of Grantee:	CCA Ag Water NetWORK (incorporates CAWA as a subcontractor)
Name of Water Project:	Ag Water Collaborative- Year 2
Funding Source:	Engagement and Innovation
Water Project Overview:	
<p>Building on the proven outreach methods that are currently in place, this grant will enable us further engage and inform ag water right holders and non-ag water interests about contemporary ag water issues, including the direct and indirect benefits of irrigated agriculture and how agriculture and other water interests can benefit from mutual collaboration. The educational tools –workshops, presentations, field days, videos, publications, and media outreach will be strategically utilized to synthesize a factual, comprehensive body of resources that will be presented both in live venues around the state and also accessible on demand for all Colorado citizens to access at any time.</p> <p>The project will influence ag water decision-makers in all river basins, with special focus on the Colorado, Northwest, Southwest Arkansas, Republican and South Platte River Basins. The locations of workshops, tours and meetings will be identified with the goal of reaching as many individual ag water right holders and ditch company members as practicable. We will engage with non-ag water interests through these efforts to facilitate sharing of perspectives and needs among the disparate water groups.</p> <p>The current round of workshops have focused on concepts like water rights, “use it or lose it,” and the difference between conservation and efficiency. After these more “foundational” topics, we hope to expand on the conversation and focus on efficiency projects, conservation, and how those impact and can benefit ag water users. Many of these next workshops will include producers actively involved in projects around the state. Our goals is to better connect innovative producers, because we believe that farmers and ranchers are the best “teachers” for other farmers and ranchers because they understand the issues their audience faces.</p>	
Project Objectives:	



Last Updated: Jan 16, 2018

This project will accomplish the following objectives (see TASKS for details):

- Seven (7) workshops held around the state
- Seven (7) or more Colorado agricultural industry conference attendance and trade show participation
- Two (2) Videos based on individual Ag water topics of importance.
- Communication plan for CAWA and AWN based on Tours and Videos.
- Three (3) Ag Water Field Days

Tasks

Task 1 – Ag Education Programming

Description of Task:

Seven (7) regional workshops around the state for producers. The focus is on irrigation improvement projects, and conservation. Seven (7) or more Colorado agricultural industry conference attendance and tradeshow participation.

Completion of two (2) high-quality, succinct and easy-to-understand videos covering ag water topics of interest and importance to ag water stakeholders.

A communication plan will be developed between CAWA and CCA leading up to tours and after the tours. The plan will include a couple of components to keep the two organizations in sync. First, there will be monthly meetings between CAWA and CCA focused on planning and preparing for these events. Second, conference calls will take place after events to debrief, go over survey results, and plan next steps. Once videos are released both organizations will outreach to news outlets. Six (6) articles will be published related to ag water issues.

Method/Procedure:

In collaboration with local agricultural interests and the Basin Roundtable, an agenda will be set and relevant speakers will be identified. Events will be promoted through the CAWA organizations, soil conservation districts, ditch companies, water conservancy districts, and local media outlets.

These workshops are going to focus on active programs relating to conservation, and efficiency improvements relating to agriculture. Panels of other producers from around the state will talk about the obstacles and benefits of being involved in certain projects and how similar efforts can be expanded across the state to get agricultural more involved in addresses water issues outlined in the Water Plan.

In order to maximize the footprint of information, elements of the workshops and tours will be captured and incorporated into produced videos and articles. They will be distributed through CAWA and AWN channels and membership.

CAWA will focus print and digital communication through its membership network. AWN will focus on earned media opportunities throughout the state.



Last Updated: Jan 16, 2018

<p>Deliverable:</p> <ol style="list-style-type: none"> 1. Expanding outreach efforts to inform and educate ag water stakeholders statewide. 2. Gather relevant presentations on irrigation and agricultural projects that will be hosted on the CAWA and partner websites and written about in the CAWA newsletter and other editorials. 3. There will be a final document of farmer-led projects in the state that address irrigation efficiency, conservation projects, ATMs, and multi-use storage projects. 4. Gathering feedback on producer knowledge and on what issues CAWA needs to focus. 5. Produced videos capturing ag production practices. 6. Articles outlining CAWA and AWN activities throughout the grant period.

Tasks
<p>Task 2 – Outreach</p>
<p>Description of Task:</p> <p>Three (3) Multi-stakeholder ag water field days for legislators, city council members, conservationists, water resources specialists, and other people outside of the agricultural community to learn firsthand how water is used in agriculture.</p> <p>Build collaborative support around the functionality of irrigated agriculture and the benefits of fully functional state water plan. Local and regional thought leaders will be engaged through an experiential educational event that includes on farm/ranch water system that delivers not only food and fiber but ecosystem benefits including wildlife, recreation, and stream health. Following the education opportunity participants will network with other water stakeholders around the field days call to action....</p> <p>Implementing and funding Colorado’s water plan.</p> <p>**Messaging and call to action will be derived from efforts underway surrounding sustainable water plan funding. No financial resources from CWCB will be utilized for public policy promotion and development.</p>
<p>Method/Procedure:</p> <p>Field days are based in certain regions on topics pertaining to ag water use. Key groups in and outside the ag community are targeted to attend to learn more about the value of irrigated agriculture.</p> <p>Field days include a tour of a working farm/ranch, educational and outreach on ag water topics of relevance and networking opportunities for individuals from different water stakeholder groups.</p>

Last Updated: Jan 16, 2018

Deliverable:
<ol style="list-style-type: none"> 1. Expanding CAWA & AWN network by reaching other stakeholder groups, new contacts, attendees and registrants. 2. Build collaborative support around the functionality of irrigated agriculture and the benefits of fully functional state water plan.

Budget and Schedule

This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in excel format.

Reporting Requirements

Progress Reports: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status of the tasks identified in the statement of work, including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Report: At completion of the project, the applicant shall provide the CWCB a Final Report on the applicant's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

The CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

Last Updated: Jan 16, 2018

Payment

Payment will be made based on actual expenditures and must include invoices for all work completed. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

Project costs not covered by those or other grants, and are therefore the responsibility of the grantee, will be eligible for CWCB funds at the following percentages of project costs:

Type of Activity	Percent of Project Costs		
	Recommended Grant Funding Request	Max Grant Funding Request (All CWCB Sources)	Minimum Funding Match (Non-CWCB Sources)
Engineering & Construction	20%	50%	50%
Feasibility Study	50%	50%	50%
Reducing Agricultural Dry Up	50%	80%	20%
Conservation/Efficiency Methods	50%	80%	20%
Educational Efforts	50%	80%	20%
Environmental Conservation	50%	80%	20%
Watershed Improvements	50%	80%	20%
Stream Improvements	50%	80%	20%
Land Use Planning	20%	50%	50%
Recreational Projects	20%	80%	20%

Costs incurred prior to the effective date of this contract are not reimbursable. The last 10% of the entire grant will be paid out when the final deliverable has been received. All products, data and information developed as a result of this contract must be provided to CWCB in hard copy and electronic format as part of the project documentation.

Performance Measures

Performance measures for this contract shall include the following:

- (a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Water Plan Grant Guidelines, the CWCB will pay out the last 10% of the budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.
- (b) Accountability: Per Water Plan Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per Water Plan Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.
- (c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.
- (d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.



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July 31, 2018

Colorado Water Conservation Board
1313 Sherman St., Room 718
Denver, CO 80203

RE: Letter of Matching Funding

To Whom It May Concern:

On behalf of the Colorado Cattlemen's Association, we intend to match \$30,000 (Cash match- \$15,000 and at least \$15,000 in in-kind contributions) to Colorado Water Conservation Board grant application entitled Agriculture Water Collaborative- Year 2. CCA will guarantee these funds through our organization but reserves the right to add/replace match with approved matching funding sources from other entities such as (foundations, donations, etc).

Sincerely,

Terry Fankhauser
Executive Vice President



Colorado Ag Water Alliance

"Committed to the preservation of agriculture through the wise use of Colorado's water resources"

Phone: 720-244-4629

Email: petersongap@comcast.net

August 1, 2017

Colorado Water Conservation Board
1313 Sherman St., Room 718
Denver, CO 80203

RE: Letter of Matching Funding

To Whom It May Concern:

On behalf of the Colorado Ag Water Alliance, we intend to match \$30,000 (Cash match- \$15,000 and at least \$15,000 in in-kind contributions) to Colorado Water Conservation Board grant application entitled Agriculture Water Collaborative- Year 2. CAWA will guarantee these funds through our organization but reserves the right to add/replace match with approved matching funding sources from other entities such as (foundations, donations, etc).

Sincerely,

Greg Peterson

Greg Peterson
Executive Director