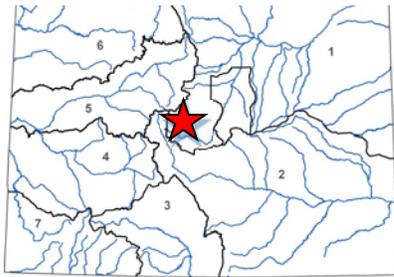




Water Plan Grant Application



L O C A T I O N	
<i>County/Countries:</i>	Statewide
<i>Drainage Basin:</i>	Statewide

D E T A I L S	
<i>Total Project Cost:</i>	\$159,900
<i>Water Plan Grant Request:</i>	\$79,400
<i>Recommended Amount:</i>	\$79,400
<i>Other CWCB Funding:</i>	\$0
<i>Other Funding Amount:</i>	\$0
<i>Applicant Match:</i>	\$80,500
<i>Project Type(s):</i> Study, Engagement	
<i>Project Category(Categories):</i> Agricultural	
<i>Measurable Result:</i> Engagement promoting the development and implementation of stream management plans	

The Colorado Water Plan sets a measurable objective to cover 80 percent of the locally prioritized lists of rivers with stream management plans ("SMP"). SMPs can play an important role in identifying both the needs of environmental attributes and the projects and methods that will benefit those attributes. This includes the identification and prioritization of multi-purpose projects that can yield benefits to agricultural producers and rural communities in the form of irrigation infrastructure upgrades, water quality assessment, drought planning, groundwater management, and other practices. The Colorado Water Plan also states that stream management plans should involve stakeholders to ensure their acceptance of the plan and be locally driven. In particular, getting a balanced and well-informed stakeholder group, including agriculture, in place prior to commencing the assessment and planning process has been essential to the development and implementation of several stream management plans across the state.

For the past year, the Colorado Cattlemen's Association (CCA) has been working to engage agricultural producers, conservation districts, and other stakeholders in SMP and integrated watershed management projects across the state. Work products include a survey providing information on structuring SMP processes to better engage agricultural producers and extensive outreach and training describing the benefits of SMPs and watershed planning to agricultural producers. This CWP grant will build on that initial year, by focusing more resources on helping agricultural producers achieve greater awareness and understanding of SMPs and conducting targeted training in watersheds with SMPs under development. These trainings are geared towards equipping agricultural stakeholders to participate in SMP processes and to provide additional capacity to SMP efforts requiring significant agricultural outreach. Additional funding will be used to develop multi-media projects, including webinars and films highlighting SMP processes and multi-benefit projects in coordination with Colorado Agricultural Water Alliance and River Network.

Staff recommends Board approval of the full grant amount requested. Through outreach and training, this project will continue to help foster agriculture engagement in stream management planning efforts by raising awareness about stream management plans, including how they address environmental needs and recreational goals while also benefiting agriculture. The training will also help prep ag-oriented coordinators and volunteers to lead and represent agriculture's interests while engaging collaboratively with other water stakeholders. This project will also yield critical information and materials for non-ag stakeholders on how to ensure agriculture stakeholders are included in stream management processes. Altogether, this project will encourage collaboration, help achieve Colorado Water Plan stream management planning goals, and encourage the development of multi-purpose projects benefiting the environment, recreation, and agriculture.

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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	
Name of Water Project	Agriculture Watershed and Stream Management Planning Outreach & Technical Assistance	
CWP Grant Request Amount		\$ 79,400
Other Funding Sources _____		\$
Other Funding Sources _____		\$
Other Funding Sources _____		\$
Applicant Funding Contribution		\$ 80,500
Total Project Cost		\$ 159,900



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Applicant & Grantee Information	
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	CCA Executive Vice President
Email	terry@coloradocattle.org
Phone	303-431-6433
Grant Management Contact	Erin Karney
Position/Title	Industry Advancement Director
Email	erin@coloradocattle.org
Phone	303-431-6422
Name of Applicant (if different than grantee)	Same as Grantee
Mailing Address	NA
Position/Title	NA
Email	NA
Phone	NA
Description of Grantee/Applicant	
Provide a brief description of the grantee's organization (100 words or less).	
<p>Colorado Cattlemen's Association (CCA) is Colorado's premier cattlemen's association that serves as the principle voice and advocate for Colorado beef production by ensuring a dynamic and profitable industry that promotes growth and opportunity for future generations. CCA is the nation's oldest cattlemen's association with affiliate associations around the state and members in every county.</p> <p>The Agricultural Water NetWORK's focus is to help "keep ag water connected with ag land." Through outreach, education and technical assistance, the Ag Water NetWORK helps equip agricultural producers with in-depth knowledge about ag water-related challenges and opportunities in Colorado.</p>	



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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
	Identified Projects and Processes (IPP)
X	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>
	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:

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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/Countries	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>The Ag Water NetWORK's recent survey found that seventy (70) percent of ag producers indicated that if they were to participate in local watershed or stream management planning, it would be helpful to have a better understanding of WMPs and SMPs. It is evident that greater understanding of WMPs and SMPs is needed across the spectrum of agricultural producers.</p>
<p>Sixteen (16) WMP/SMP-focused outreach presentations for ag producers will be held around the state. Outreach activities will include collaboration with other ag organizations.</p>
<p>Four (4) training meetings / workshops / mini-workshops will be held around the state to equip agricultural produces and ag-oriented individuals to engage locally with other water stakeholders on watershed and stream management planning. These events will be coordinated with one or more local agricultural organizations.</p>
<p>Four (4) Publications and Two (2) Webinars will be held during the project period covering topics related to WMPs, SMPs and multi-benefit projects. Related website additions and updates will accompany the publications and webinars.</p>
<p>Post-training technical and coordinative assistance will be provided to agricultural organizations and individuals, along with collaborative engagement and communications and/or meetings with agricultural organizations, ag-affiliated state and federal governmental agencies, non-profit funders, CWCB, and other non-ag water stakeholders (municipal, environmental, industry, etc.).</p>



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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 Non-consumptive
	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
	Number of Coloradans Impacted by Engagement Activity
30 %	Other Estimated % of ag water right holders (surface and groundwater) to be impacted by outreach and/or technical assistance as an estimated percentage of water controlled by agriculture.

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>The Colorado Water Plan calls for 80% of locally prioritized rivers in Colorado to have Stream Management Plans (SMPs) developed by 2030, and 80% of critical watersheds to have Watershed Management Plans (WMPs) completed by 2030. 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).</p> <p>The development and implementation of WMPs and SMPs can provide economic, social and environmental benefits for agricultural producers and others, however, most in the ag community are unfamiliar with WMPs and SMPs due to a lack of information and engagement.</p> <p>Agricultural producers own or control an estimated 80 percent of the surface water in Colorado, which they use to produce food, fiber and fuel. Ag producers together also have sizeable groundwater rights, and own almost half of the land area in the state. To be successful, a watershed or stream management plan must be inclusive of all relevant water resource stakeholders and comprehensive in scope. Both types of plans ultimately result in strategies and targeted, on-the-ground actions that implement voluntary conservation and stream and watershed restoration and protection efforts which can benefit all stakeholders.</p>

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In agriculture, conservation practices that promote soil health, reduce erosion and nutrient and pesticide runoff and leaching, and improve irrigation application, timing, and infrastructure can benefit both natural resources and agricultural productivity and profitability.

Fostering agricultural involvement in WMPs and SMPS will benefit our streams, rivers, lakes and groundwater resources, and will help support collaboration with other water stakeholders. WMPs and SMPs can provide a path towards funding to address irrigation delivery infrastructure and on-farm irrigation and conservation needs, and provide an opportunity to educate other, non-ag stakeholders about the ecosystem services provided by agricultural activity.

A first step in exploring the potential of WMPs and SMPs for agriculture requires greater awareness and understanding within the ag community. Many of the organizations implementing SMPs around the state do not have a relationship with their local agricultural communities and are unsure how to engage with agriculture. Thus, there is sometimes a large gap between agricultural water stakeholders and non-ag stakeholders which creates a barrier to progress on watershed and stream management planning and implementation.

This project will employ a variety of tools and strategies – utilizing our 2019 ag producer survey results, meetings, presentations, training, technical and coordinative assistance, publications and other media – to improve the awareness and understanding of WMPs and SMPs among agricultural producers, and stimulate interest and initiation of planning efforts around watershed and stream management plans.

The locations of presentations, meetings, workshops, and training sessions will be identified with the goal of reaching as many individual ag water right holders (surface and groundwater) and ditch company and groundwater district boards and members as possible. We will engage with non-ag water interests (municipal, environmental, recreational, industry) through these efforts to facilitate sharing of perspectives and needs among the disparate water groups.

CWCB funding will be used to help support the development, implementation and follow-up work related to the objectives outlined above.

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.

This project is complementary to the CWCB Watershed Restoration grant program, as well as other CWCB grant programs designed to advance projects that involve agricultural water use, efficiency and storage. It also complements CWCB strategies associated with conservation, land use and drought planning grant programs, and the water education, outreach, and innovation program.



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Previous CWCB Grants, Loans or Other Funding
<p>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.</p>
<p>1) Colorado Cattlemen's Association 2) Water Plan Grant; Assoc. Engagement and Innovation. 3) Approving RT(s) – N/A 4) 01/10/18 5) POGG1 PDAA 201800000656 6) 50%</p> <p>1) Colorado Cattlemen's Association 2) Water Plan Grant AG CO Cattlemen's Assoc Outreach/Tech Asst. 3) Approving RT(s) – N/A 4) 01/8/19 5) POGG1,PDAA,201900002548 6) 50%</p> <p>1) Colorado Cattlemen's Association 2) Water Plan Grant CO Cattlemen's Assoc Engage & Innov Pt 2 3) Approving RT(s) - N/A 4) 1/10/19 5) POGG1,PDAA,201900002621 6) 50%</p>
Taxpayer Bill of Rights
<p>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.</p>
<p>No TABOR related-constraints are known or anticipated</p>



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Submittal Checklist	
X	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)
	Letters of Matching and/or Pending 3 rd Party Commitments ⁽¹⁾
Exhibit C	
NA	Map (if applicable) ⁽¹⁾
NA	Photos/Drawings/Reports
X	Letters of Support (Optional) (to be submitted)
X	Certificate of Insurance (General, Auto, & Workers' Comp.) ⁽²⁾
X	Certificate of Good Standing with Colorado Secretary of State ⁽²⁾
X	W-9 ⁽²⁾
NA	Independent Contractor Form ⁽²⁾ (If applicant is individual, not company/organization)
Engagement & Innovation Grant Applicants ONLY	
	Engagement & Innovation Supplemental Application ⁽¹⁾

(1) Required with application.

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

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Colorado Water Conservation Board
Water Plan Grant - Exhibit A

Statement Of Work	
Date:	July 31, 2019
Name of Grantee:	CCA Ag Water NetWORK
Name of Water Project:	Agriculture Watershed and Stream Management Planning Outreach & Technical Assistance
Funding Source:	Agricultural Projects
Water Project Overview:	
<p>In 2019, the Ag Water NetWORK surveyed Colorado agricultural producers to better determine their perceptions and priorities around watershed management plans (WMPs) and stream management plans (SMPs). The survey established a baseline of producer perceptions and priorities around watershed and stream management planning and shed light on perceived barriers to producer involvement. In conjunction with the survey, the Ag Water NetWORK initiated broad outreach and focused training on watershed and stream management planning. The outreach and training – which is tailored and directed to agricultural producers - is filling a crucial gap and helping to spur agricultural engagement on WMPs and SMPs.</p> <p>Among the survey findings, seventy (70) percent of producers indicated that if they were to participate in local watershed or stream management planning, it would be helpful to have a better understanding of WMPs and SMPs. Interestingly, 52 percent of the survey respondents indicated they had previously and/or were currently involved in a local watershed or stream management planning process. Thus, greater understanding of WMPs and SMPs is needed across the spectrum of agricultural producers, with a provision of more in-depth information for producers with some existing knowledge and experience around WMPs and SMPs.</p> <p>In 2020, the Ag Water NetWORK will engage producers on watershed and stream management via outreach and training using a tailored approach that strives to meet producers at their level of informational need. Outreach activities will include collaboration with other ag organizations (CAWA, Colorado State Conservation Board, individual conservation districts, Farm Bureau, Colorado Corn, CLA, others) and will be focused on elevating understanding about WMPs and SMPs among ag producers and organizations & individuals that work with ag producers, including how the 2019 survey findings can be used locally to help strategically engage producers by ameliorating their participation experience.</p> <p>Four (4) training meetings (workshops or mini-workshops) will be held around the state with prospective ag-oriented individuals that are serving or want to serve as leaders, coordinators and/or volunteers representing ag interests in their local watershed and stream management planning processes. These events – which will be coordinated with local organizations - will provide detailed information on initiating, developing, and implementing watershed and stream management plan efforts. Specific topics can include fundamentals of water rights and irrigation practices, key elements of WMPs and SMPs, an overview of other water stakeholder needs, and a field tour of one or more projects where possible.</p>	

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Training sessions will also cover funding sources and examples of multi-benefit projects that help agriculture and other water interests.

The training meetings will build WMP and SMP coordinative and leadership capacity within the agricultural community. Typically, a presenter from an ag-serving government or quasi-government entity will be included to help provide attendees with greater perspective on the interests and needs of other water stakeholders.

Training materials developed in 2019 will be modified as needed to tailor training information to meet local needs. Existing watershed and stream management planning literature and educational tools developed by other organizations will be incorporated as needed and referenced.

The education and training information explains watershed and stream management plans in relatable terms to agricultural producers and will provide guidance to ag-oriented watershed planning efforts on how to best engage producers in stream management and watershed planning initiatives based on the results of the Ag Water NetWORK's 2019 producer survey. Outreach and training materials will be accessible via the internet for anytime-access through multiple platforms.

Four (4) Publications and Two (2) Webinars will be held during the project period. The publications and the webinars will cover topics related to WMPs, SMPs and multi-benefit projects. Related website additions and updates will accompany the publications and webinars.

This project will provide post-training technical and coordinative assistance to agricultural organizations and coordinators. It will also involve multiple and ongoing communications and meetings with agricultural organizations (state and local), ag-affiliated state and federal governmental agencies, non-profit funders, ag organizations, CWCB, and other non-ag water stakeholders (municipal, environmental, industry, etc.). The Ag Water NetWORK will serve in a consultative role to ag-oriented individuals and groups on WMP/SMP/IWMP beginning and on-going initiatives.

The project will influence ag water decision-makers through collaboration with other agricultural organizations and engage with governmental entities (Colorado State Conservation Board, Conservation Districts, NRCS, CDPHE, CWCB, etc) to ensure the project elements are successfully executed. In conjunction with the outreach and training activities, we will provide technical coordinative assistance to ag producer groups that are interested in developing and/or implementing watershed and stream management plans.

Goals & Outcomes: Raise awareness and improve understanding of watershed and stream management plans among agricultural producers statewide and provide information to ag producers and ag-oriented organizations that are tailored to local needs. The project will also provide individual assistance to ag-based groups and individuals seeking to engage and initiate, develop or implement watershed or stream management plans; including addressing the following:

- Characterizing what watershed management plans and stream management plans are, and the differences between them.
- Explaining the basic features of a typical plan.
- Building producer foundational knowledge on water rights, irrigation, efficiency and conservation, and needs of other water stakeholders.
- Explaining how watershed and stream management development processes work to create a more holistic approach that favors multi-benefit, long-term improvements in watersheds, rivers, and streams.
- Providing examples of how diverse stakeholder collaboration can result in outcomes that benefit agricultural producers, other stakeholders, watersheds and streams.
- Collecting data and inventorying: The purpose and value of data collection and inventorying to characterize water and land use resources within a watershed or stream reach (improved

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understanding of flow regimes, land use, water use and shortages, hydrology, water quality, and needs).

- Emphasizing the value of reviewing past studies first to maximize cost efficiency and save time.
- Utilizing collaborative approach strategies.
- Funding for Improvements: Review and explore funding sources available for the different phases of watershed and stream management initiation and planning, development, inventorying and data gathering, and design and implementation of plans.

Geographical Scope and Existing Information: Statewide.

This project will include rural outreach, including presentations at meetings of agricultural organizations, irrigation districts, conservation districts, and other ag-affiliated organizations, with the objective of reaching agricultural producers across the state. Publications and media releases will be used to assist in reaching ag-stakeholders.

Initial outreach and training efforts will be targeted to members of the agricultural community in watersheds where planning efforts are being considered or in early development and will benefit from agricultural involvement. We will engage with non-ag water interests through these efforts to facilitate sharing of perspectives and needs among the disparate stakeholders.

Organizational Capacity:

CCA's Ag Water Network will collaborate with other organizations to maximize the impact and efficiency of the project. We anticipate collaborating with CAWA and receiving cooperative support from several agriculture-oriented organizations, potentially including: Colorado Corn Growers, Colorado Livestock Association, Colorado Association of Conservation Districts (CACD), CDA, CAWA, and the USDA-NRCS.

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Project Objectives:

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

- **16 Outreach activities (or more) around the state.** This will include meetings, workshops, presentations and attendance at industry conferences with discussions and/or presentations around agricultural involvement in watershed management and stream restoration plans in collaboration with other stakeholders.
- **Four (4) Training / educational sessions** around the state focused on preparing prospective ag-oriented individuals with a foundation of knowledge regarding WMPs and SMPs – what they are, their purpose and benefits, how agriculture fits as an integral part of any WMP or SMP, and how to constructively engage with non-ag water stakeholders. These meetings will include training - providing information and examples regarding planning, implementation, funding, and collaboration on WMPs and SMPs. They will also solicit feedback from participants regarding their interests and needs related to WMPs and SMPs in their local areas. These events may include non-ag stakeholder presenters and will be implemented with one or more other ag-oriented organizations, such as local conservation districts, CCA affiliates, etc. Includes venue, food catering, etc.
- **Four (4) Publications and Two (2) Webinars** covering topics related to WMPs and SMPs. The publications and the two webinars will cover topics related to WMPs, SMPs, multi-benefit projects and answer the question of why agricultural producers should be involved in the WMP and SMP planning process. Related website additions and updates will accompany the publications and webinars.
- **Technical and Coordinative Assistance to agricultural groups** seeking to initiate, develop and/or implement components of WMPs/SMPs/IWMPs, including post-training support to individuals and groups to help continue growing the knowledge of training participants and sustain engagement on watershed and stream management plans. The Ag Water NetWORK will serve in a consultative and assistive role in these capacities.
- **Multiple Collaborative Communications** with agricultural organizations and CDA around strengthening outreach to ag producers and with USDA-NRCS to explore incentives for producers to participate in WMP and SMP planning and implementation. We'll also work with these organizations and others to explore and pursue innovative methods and strategies for accelerating both planning and implementation activities.

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Tasks
<p>Task 1 – Sixteen (16) Outreach activities around the state (meetings, workshops, presentations, engagement at industry conferences, etc) regarding agricultural involvement in watershed and stream management plans in collaboration with other stakeholders. The purpose of this task is to raise awareness and understanding among the agricultural community about watershed and stream management plan features and benefits, and spur interest and engagement on WMPs and SMPs.</p>
<p>Description of Task:</p> <p>Meetings and presentations will be held around the state. Outreach will include an overview of the 2019 Ag Water NetWORK survey results. Additional topics will include explaining the features of watershed management and stream management plans, the importance of having agriculture actively involved in the planning process, and examples of how collaborating with other water stakeholders can yield benefits for agricultural producers and our water resources. Initial outreach efforts will focus on watersheds where planning efforts are being considered or in early development.</p> <p>Face-to-face discussions with industry leaders will amplify and expedite outreach efforts within the agricultural community around WMPs and SMPs. These engagements will also stimulate discussions within other agricultural organizations around WMPs and SMPs and participation in planning processes.</p> <p>We will also solicit input from industry group leaders on identifying actions being pursued within their organizations that are tied to agricultural involvement and benefits in local watershed planning and implementation activities. Outreach will also elevate understanding on agriculture’s unique position regarding water in Colorado within a larger context of drought and competing demands for water.</p> <p>Outreach activities will include collaboration with other ag-aligned organizations – (Colorado Corn, Colorado Livestock Association, Colorado Agricultural Water Alliance, conservation districts, Farm Bureau, and others) and will include presenting at other ag organization venues. Outreach will be focused on raising awareness and understanding about WMPs and SMPs among ag producers and county organizations & individuals that work with ag producers.</p>
<p>Method/Procedure:</p> <p>In collaboration with local agricultural and water stakeholders and Basin Roundtables, presentations, meetings and/or events will be prepared to address locally identified watershed and stream management-related interests. Events will be promoted through CCA and other organizations, soil conservation districts, water conservancy districts, local media outlets and others. Outreach will likely include presentations at conservation and irrigation district meetings, as well as other agricultural organization venues. Outreach may include field trips to showcase planning and implementation efforts and hear from individual producers about benefits resulting from engaging in the WMP and SMP process.</p>
<p>Deliverable:</p> <ol style="list-style-type: none"> 1. Modify and create outreach materials that address the needs of local agricultural producers and collaborating entities (irrigation and conservation districts, basin roundtables, etc.). 2. Cultivate working relationships with local conservation districts, irrigation districts and other agriculture and water-oriented organizations to better understand and meet local needs related to raising awareness among agricultural producers about watershed and stream management planning. 3. Hold sixteen (16) or more meetings and/or presentations statewide designed to inform and educate ag water stakeholders about watershed and stream management plans. 4. Document attendee numbers at meetings, workshops, presentations. Basic details on discussions and presentations will be tracked. 5. Summarize comments and questions received to identify knowledge gaps, involvement incentives, etc. 6. Gather, compile and analyze feedback from producers at workshops, etc. to inform the development of WMP and SMP planning and implementation outreach training materials.

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Task 2 – Four (4) WMP and SMP Training Sessions
<p data-bbox="203 323 440 352">Description of Task:</p> <p data-bbox="203 365 1433 638">Four (4) training & capacity building meetings / workshops / mini-workshops around the state focused on preparing prospective ag-oriented individuals with a foundational knowledge regarding WMPs and SMPs – what they are, their purpose and benefits, how agriculture fits as an integral part of any WMP or SMP, and how to constructively work with non-ag water stakeholders to identify multi-benefit outcomes. It will also provide ag-focused WMP coordinators with an opportunity to learn more about the different aspects of WMP and SMP planning and implementation and facilitate informational exchange between prospective and existing coordinators and ag leaders from around their area. Information and training forums will focus on watersheds where planning efforts are being considered, in early development, or are undergoing updating.</p> <p data-bbox="203 667 1445 972">Training workshops will include ag-oriented producers / leaders sharing examples and experiences, with topics including characteristics of WMP and SMPs, organizational structuring, effective producer outreach methods, funding sources, irrigation methods, fundamentals of water rights, efficiency vs. conservation, and alternative transfer mechanisms (ATMs). Additionally, training will include information on initiating projects and defining desired outcomes and steps necessary to achieve them, multi-benefit project examples, and methods of developing plans and executing implementation projects. We'll also cover the importance of follow-up monitoring and ongoing plan updating and implementation. These events may include non-ag stakeholder presenters and will be implemented with one or more other ag-oriented organizations, such as CAWA, local conservation districts, CCA affiliates, etc. Venue and food costs will be included.</p> <p data-bbox="203 1003 1385 1094">Inclusion of the perspectives of municipal, environmental and recreational interests will be part of the training forums. Significant time will be set aside during each meeting for group discussions around topics of questions and interest including common areas of challenge and needs.</p> <p data-bbox="203 1125 1445 1245">Training attendees will be required to provide evidence of support from their local agricultural community if they are not producers or conservation / NRCS staff members. This is to help ensure persons receiving training will immediately be able to engage on WMP/SMP activities with support from local agricultural interests.</p> <p data-bbox="203 1276 1411 1367">An attendance stipend will be offered to prospective ag-oriented coordinators that need financial assistance in order to attend. Partial or full expense reimbursement will also be provided to presenters that require it in order to attend.</p>
<p data-bbox="203 1409 431 1438">Method/Procedure:</p> <p data-bbox="203 1451 1401 1570">Informational objectives will be defined and corresponding presentation material will be modified. The agenda for each meeting will be tailored to local interests and concerns while addressing the primary considerations of WMPs and SMPs. Speakers will provide local / regional perspective and project examples. Notes will be taken to inform later meetings and upcoming training agendas.</p>
<p data-bbox="203 1619 358 1648">Deliverables:</p> <ul data-bbox="253 1661 1422 1879" style="list-style-type: none"> • Modify training curriculums and plans to accommodate local needs. • Hold four (4) WMP / SMP / IWMP-focused training meetings. • Track attendance at each event and gather feedback from participants. • Follow up with attendees after training to determine what training components were most useful and identify any informational gaps. • Summarize meeting activities in reports. • Develop recommendations for future training forums.

Last Updated: October 25, 2019

<p>Task 3 – Four (4) Publications and Two (2) Webinars covering topics related to WMPs, SMPs and multi-benefit projects</p>
<p>Description of Task:</p> <p>Four (4) Publications and Two (2) Webinars covering topics related to WMPs, SMPs and specific multi-benefit projects that have resulted in improved water management and stream and watershed conditions. Feedback received through outreach and training will help inform and guide development of publications that address identified knowledge gaps among producers.</p> <p>The publications and webinars will broadly cover topics related to WMPs, SMPs and multi-benefit projects. Related website additions and updates will accompany the publications and webinars. One of the webinars will likely highlight efforts by the Colorado State Conservation Board to initiate a statewide soil health improvement program in 2020. This webinar will cover CSCB and local conservation district goals around soil health improvement and how it relates to water quality and watershed and stream management planning locally and statewide.</p> <p>Publications will be media-released and posted online. Media releases will be followed up with contacts to rural media outlets to help ensure broad distribution and use of the publications.</p>
<p>Method/Procedure:</p> <ol style="list-style-type: none"> 1. Identify voids in awareness and understanding among ag producers and rural dwellers regarding broad and/or specific aspects of WMPs and SMPs. 2. Prepare publications and conduct webinars during the grant period that address one or more of the identified information gaps with references that enable readers to learn more. 3. Solicit feedback from ag-oriented individuals that are serving in WMP / SMP leadership roles to gather input on challenges, needs and progress on WMP / SMP planning and implementation. 4. Accompany the release of each publication with a media release including follow-up with rural media outlets to maximize reader exposure.
<p>Deliverables:</p> <ul style="list-style-type: none"> • Four (4) publications and two (2) webinars focused on WMP or SMP related topics. • Contact agricultural producers and conservation district staff members to gather input on challenges, needs and progress on local WMP / SMP planning and implementation. • Media outreach in conjunction with the release of each publication.

Last Updated: October 25, 2019

<p>Task 4 – Post-Training Technical and Coordinative Assistance to ag groups</p>
<p>Description of Task:</p>
<p>Post-training coordinative and technical assistance will be provided to training participants to help them move forward in their WMP and SMP efforts, which may include but not be limited to the following activities:</p> <ul style="list-style-type: none"> • Identifying the organizational structure that best aligns with local ag needs and interests relating to WMP and SMP planning, development and implementation. • Identifying sources of funding and technical expertise, connecting them with contacts and providing consultative assistance in project planning, scoping and implementation. • Evaluating the most effective ways to connect and get input from ag producers. • Engaging with other, non-ag water stakeholders on WMP and SMPs, and members of the public. • Identifying and vetting technical resources needed to accomplish objectives. • Maintaining open lines of communication and managing different perspectives. • Follow-up post-training momentum and perceptual change monitoring related to participant familiarity and understanding of WMPs/SMPs/IWMPs.
<p>Method/Procedure:</p>
<p>Follow-up contact and ongoing assistance will be provided to training participants to ensure a successful transition from training to engagement around WMPs or SMPs within their local area. The Ag Water Network’s post-training assistance will provide a reliable ‘safety-net’ resource that WMP and SMP coordinators and affiliated ag-entities can access to help expedite planning and development processes.</p> <p>Assistance will include electronic communications, on-site meetings and presentations, and potentially the facilitation of limited field work demonstrations (ex: inventorying irrigation infrastructure using GPS, water sampling, etc.). We will also be sharing tips, proven strategies and helpful resources to training participants directly and/or through local coordinators. This task may include utilizing the services of one or more field-specific experts. We will also monitor post-training momentum and perceptual changes related to understanding and familiarity with WMP/SMP/IWMP elements.</p>
<p>Deliverable:</p>
<p>Documentation and reporting of assistance provided to WMP / SMP coordinators and related ag-entities over the grant period, including:</p> <ul style="list-style-type: none"> • Tracking and reporting the type and extent of assistance provided. • Description of areas / topics of greatest support needs. • Summary of challenges and solutions identified, lessons learned, technical assistance voids, and assessment of needs going forward included in the final report.

Last Updated: October 25, 2019

<p>Task 5 – Multiple Collaborative Communications and Meetings</p>
<p>Description of Task:</p>
<p>This task includes ongoing collaborative communications and meetings with agricultural producers and organizations, irrigation companies and ag-affiliated government agencies around enhancing outreach, training, technical and coordinative services, and funding opportunities for ag-oriented multi-benefit improvements related to WMPs and SMP planning and implementation. This genre of discussion may also include discussions with non-profit philanthropic organizations that are interested in funding innovative multi-benefit conservation projects that improve or protect water quality - such as irrigation, soil health and riparian or wetland buffer improvements.</p> <p>The Ag Water Network will also connect with the CDA and conservation districts to identify areas where similar objectives can be leveraged to extend outreach and funding support for conservation practices that help achieve WMP and SMP objectives. An example might include identifying watershed and stream management-related funding that supports funding for producer efforts to improve soil health through the CDA's upcoming soil health improvement program.</p>
<p>Method/Procedure:</p>
<p>Communications and meetings with the entities described above to help create additional structural capacity and funding for agricultural engagement on WMP and SMP related activities, and to explore and pursue innovative methods and strategies for accelerating both planning and implementation activities</p>
<p>Deliverable:</p>
<ul style="list-style-type: none"> • Pursue enhancement of funding for projects that can benefit agricultural producers located in watersheds where WMPs / SMPs are developed or being initiated. • Engage in discussions with CDA and conservation districts around shared goals involving agriculture engagement and how to better facilitate producer input in WMP and SMP planning activities around the state that can enhance conservation practice installation and cost-sharing. • Dialog with conservation-minded non-profit funders regarding innovative ways to engage with agricultural producers to enhance funding and achieve multi-benefit water resource outcomes. • Summarize in the periodic and final reports the results described in the aforementioned deliverables.

Last Updated: October 25, 2019

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.

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.

Last Updated: October 25, 2019

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.



COLORADO

Colorado Water Conservation Board

Department of Natural Resources

Colorado Water Conservation Board
Water Plan Grant - Detailed Budget Estimate
Fair and Reasonable Estimate

Name of Grantee: Colorado Cattlemen's Association

Name of Water Project: Agriculture Watershed and Stream Management Planning Outreach & Technical Assistance

Task 6: CCA Staff Time and Expenses

Sub-task	Item	Rate	# Hours	Sub-total	Item Cost	Item Quantity	Sub-total	Total	CWCB Funds	Other Matching Funds	Start	Complete
	CCA Staff Time - project administration and support				\$ 2,625	12	\$ 31,500	\$ 31,500	\$ 17,500	\$ 14,000	1/15/2020	2/15/2021
	Equipment related expenses, printing, etc.				\$ 6,000	1	\$ 6,000	\$ 6,000	\$ -	\$ 6,000	1/15/2020	2/15/2021
Total of Sub-task								\$ 37,500	\$ 17,500	\$ 20,000		
Fiscal Agent Administrative Fee												
TOTAL								\$ 37,500				