

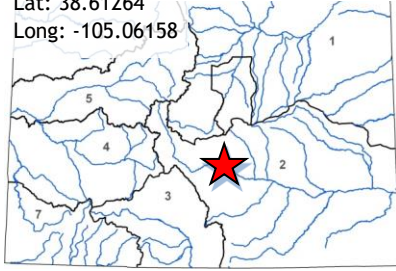


## Catalyst Irrigation Infrastructure Colorado Cattlemen’s Association

September 2021 Board Meeting

### Water Plan Grant Application

Lat: 38.61264  
 Long: -105.06158



#### DETAILS

<i>Total Project Cost:</i>	\$702,976
<i>Water Plan Grant Request:</i>	\$83,427
<i>Other CWCB Funding:</i>	\$0
<i>Other Funding Amount:</i>	\$617,619
<i>Applicant Match:</i>	\$2,380
<i>Project Type(s):</i>	Construction
<i>Project Category(Categories):</i>	Agricultural
<i>Measurable Result:</i>	Infrastructure improvements completed, acres of land irrigated, seepage elimination, diversion passage improvement

#### LOCATION

<i>County/Countries:</i>	Chaffee, Garfield, Rio Blanco
<i>Drainage Basin:</i>	Arkansas, Colorado, Yampa

This project is designed to accelerate the implementation of multiple-benefit irrigation infrastructure improvement projects that local conservation districts can use to highlight irrigation efficiency and conservation and show agriculture and other water stakeholders tangible results that can be part of the integrated water management planning (IWMP)/stream management plan (SMP) and implementation process. According to Colorado Cattlemen Association’s Ag Water NetWORK 2019 survey, agricultural producers would be more likely to participate in IWMPs or stream management plans if the planning efforts produce on-the-ground projects earlier in the process.

The project will support the implementation of three IWMP/stream management processes lead by conservation districts. These planning efforts include the Middle Colorado, White River, and Upper Arkansas. Funding will assist in the implementation of infrastructure improvement projects and sharing results with stakeholders to highlight the benefits of collaborative planning processes. The projects include the Morrisania Water Supply Company Ditch Improvement Project, the Sunnyside Park Ditch Piping Project, and a ditch improvement in the White River Basin. Collectively, the ditch improvement projects will facilitate the lining/piping of earthen ditches, addressing seepage and maintenance concerns, enhancing efficiency, and improving drought resiliency. Each project will also include outreach to agricultural producers to promote the benefits of integrated water management planning initiatives and media.

This project furthers several Colorado Water Plan critical action goals relating to agriculture, including encouraging multi-benefit irrigation infrastructure projects with significant regional and state impact. The project will directly encourage further participation in integrated watershed management planning efforts and result in the implementation of collaborative, multi-benefit projects. The outreach and media components will help engage a broader agricultural audience about the Colorado Water Plan, integrated planning, and multi-benefit project development. Each irrigation improvement project will also generate multi-benefits such as efficiency improvements. The project also supports collaboration, bringing a diverse group of stakeholders together to complete the project. In particular, project partners include three conservation districts, Colorado Agricultural Water Alliance, and Chaffee Common Ground. The project also leverages a diverse suite of funding partners. CWCB staff will work the grantees to ensure multi-benefit elements of each project and general benefits of collaborative planning are included in the outreach and media components of the project.

#### Funding Recommendation:

Staff recommends Board approval of \$83,427 to the Colorado Cattlemen’s Association for the Catalyst Funding for Irrigation Infrastructure Demonstration Project.



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**Colorado Water Conservation Board**

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**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 & Supply Projects	Matthew.Stearns@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
Water Sharing & ATM 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](mailto: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 (CCA)	
Name of Water Project	Catalyst Funding for Irrigation Infrastructure Demonstration Projects	
CWP Grant Request Amount	\$ 83,427	
Other Funding Sources <u>NRCS EQIP – Morrisania Ditch</u>	\$148,496	
Other Funding Sources <u>NRCS EQIP – Sunnyside Ditch</u>	\$ 368,673	
Other Funding Sources <u>Chaffee County Common Ground – Sunnyside Ditch</u>	\$ 100,000	
Applicant Funding Contribution (in-kind)	\$ 2,380	
Total Project Cost	\$ 702,976	



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<b>Applicant &amp; Grantee Information</b>	
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	<a href="mailto:terry@coloradocattle.org">terry@coloradocattle.org</a>
Phone	303-431-6433
Grant Management Contact	Erin Karney
Position/Title	Industry Advancement Director
Email	<a href="mailto:erin@coloradocattle.org">erin@coloradocattle.org</a>
Phone	303-431-6422
Name of Applicant (if different than grantee)	Same as Grantee
Mailing Address	NA
Position/Title	NA
Email	NA
Phone	NA
<b>Description of Grantee/Applicant</b>	
Provide a brief description of the grantee’s organization (100 words or less).	
<p>Colorado Cattlemen's Association (CCA) serves as the principal voice for Colorado beef producers. CCA is the nation’s oldest cattlemen’s association with affiliate associations around the state and members in every county.</p> <p>CCA’s Agricultural Water NetWORK’s (AWN) focuses on “keeping ag water connected with ag land.” Through outreach, education, feedback and technical assistance, the AWN equips agricultural producers with in-depth knowledge about ag water-related challenges and opportunities in Colorado.</p> <p>CCA’s Ag Water NetWORK works closely with agricultural organizations and conservation districts throughout Colorado to advance local outreach and on-the-ground improvement projects that yield benefits to agricultural producers and other water stakeholders.</p>	



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Type of Eligible Entity (check one)	
	<b>Public (Government):</b> 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.
	<b>Public (Districts):</b> Authorities, Title 32/special districts (conservancy, conservation, and irrigation districts), and water activity enterprises.
	<b>Private Incorporated:</b> Mutual ditch companies, homeowner associations, corporations.
	<b>Private Individuals, Partnerships, and Sole Proprietors:</b> Private parties may be eligible for funding.
X	<b>Non-governmental organizations (NGO):</b> Organization that is not part of the government and is non-profit in nature.
	<b>Covered Entity:</b> As defined in <a href="#">Section 37-60-126 Colorado Revised Statutes</a> .

Type of Water Project (check all that apply)	
	Study
X	Construction
	Other

Category of Water Project (check the primary category that applies and include relevant tasks)			
	<p>Water Storage &amp; Supply - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity, multi-beneficial projects, water sharing agreements, Alternative Transfer Methods, and those projects identified in basin implementation plans to address the water supply and demand gap.  <i>Applicable Exhibit A Task(s):</i></p> <p><b>Note:</b> For Water Sharing Agreements or ATM Projects - please include the <a href="#">supplemental application</a> available on the CWCB's website.</p>		
	<p>Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, water efficiency, and drought planning.  <i>Applicable Exhibit A Task(s):</i></p>		
	<p>Engagement &amp; Innovation - Activities and projects that support water education, outreach, and innovation efforts.  <i>Applicable Exhibit A Task(s):</i></p>		
X	<p>Agricultural - Projects that provide technical assistance and improve agricultural efficiency.  <i>Applicable Exhibit A Task(s):</i></p>		
	<p>Environmental &amp; Recreation - Projects that promote watershed health, environmental health, and recreation.  <i>Applicable Exhibit A Task(s):</i></p>		
	<table border="1"> <tr> <td>Other</td> <td>Explain:</td> </tr> </table>	Other	Explain:
Other	Explain:		



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Location of Water Project	
Please provide the general county and coordinates of the proposed project below in <b>decimal degrees</b> . The Applicant shall also provide, in Exhibit C, a site map if applicable.	
County/Counties	Chaffee: Lat 38° 36' 45.50"N, Long 105° 03' 41.67"W Garfield: Lat 39.436068° N, Long. 107.978424° W Rio Blanco: TBD
Latitude	Shown above
Longitude	Shown above

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>This project is designed to accelerate the implementation of example irrigation infrastructure improvement projects that local conservation districts can use to highlight irrigation efficiency and conservation and show ag and other water stakeholders tangible results that can be part of the integrated water management planning (IWMP) and implementation process.</p> <p>CCA's Ag Water NetWORK 2019 survey found that producers would like to see local watershed and stream management planning efforts produce 'on-the-ground' results earlier in the process. Three conservation districts will be collaborating on this project. They are the Upper Arkansas Conservation District, White River and Douglas Creek Conservation Districts, and the Mt. Sopris, Bookcliff and Southside Conservation Districts.</p> <p>Each of the conservation districts involved in this project are leading integrated water management planning efforts. Having ready funding available will be instrumental in helping to fast-track implementation of pilot irrigation infrastructure improvement projects that districts can host on-site meetings around. Multi-benefit aspects of improvement projects will be highlighted where relevant. Having an improvement project completed early in the IWMP process helps to maintain interest and momentum in longer term IWMP planning.</p> <p>This project will not serve as the primary source of funding for any of the pilot example projects, but rather will be leveraged with a variety of other funds including those provided by the infrastructure owners, the NRCS Environmental Quality Incentives Program (EQIP), NGOs, conservation districts, and potentially state and other sources.</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 or water sharing agreement		
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning		
	Number of Coloradans Impacted by Engagement Activity		
X	<table border="1" style="width: 100%;"> <tr> <td style="width: 10%; text-align: center;">Other</td> <td>Explain: Infrastructure improvements completed measured in capacity (cfs and annual acre-feet), acres of land irrigated via the structures, other benefits such as seepage elimination, diversion passage improvement measured in cfs.</td> </tr> </table>	Other	Explain: Infrastructure improvements completed measured in capacity (cfs and annual acre-feet), acres of land irrigated via the structures, other benefits such as seepage elimination, diversion passage improvement measured in cfs.
Other	Explain: Infrastructure improvements completed measured in capacity (cfs and annual acre-feet), acres of land irrigated via the structures, other benefits such as seepage elimination, diversion passage improvement measured in cfs.		

Water Project Justification
<p>Provide a description of how this water project supports the goals of <a href="#">Colorado's Water Plan</a>, the <a href="#">Analysis and Technical Update to the Water Plan</a>, and the applicable Roundtable <a href="#">Basin Implementation Plan</a> and <a href="#">Education Action Plan</a>. 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 goals of this project parallel those of Colorado's Water Plan, which include "maintaining agricultural viability by maintaining Colorado's agricultural productivity, support of rural economies, and food security through meaningful incentives and grassroots efforts" and "supporting agricultural conservation and efficiency by supporting Colorado's agricultural industry to make it more efficient, resilient, and able to reduce water consumption without impacting agricultural productivity.</p> <p>Under "Critical Agriculture Actions," Sections 6.3.4 and 6.5 of the Water Plan call for "Encouraging ditch-wide and regional planning to explore system-wide conservation and efficiency opportunities and tradeoffs, ... and long-term infrastructure maintenance needs. And "provide grants, loans, and technical support to update and improve Colorado's aging agricultural infrastructure, especially where improvements provide multiple benefits."</p> <p>The Results of the Technical Update indicates "agricultural demands for irrigation water may increase between 18 and 43 percent above the baseline level." These needs point to how increasingly valuable irrigation water is becoming as well as the importance of improving irrigation infrastructure to enable multi-benefits where possible. Examples include minimizing undesirable ditch seepage losses and replacing poorly functioning, fish-impassible diversion structures.</p>



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One of the six themes of the Colorado River Basin Implementation Plan (BIP) is “Agriculture – Sustain, Protect and Promote Agriculture.” Page 6 of Section 1 of the Arkansas River BIP indicates “themes are in accordance with Section III, Declaration and Directives, of the Governor’s May 2013 Executive Order and include the language: “Colorado’s water policy must reflect its water values...[including] viable and productive agriculture...” The YWG BIP includes goals to protect and encourage agricultural water uses, including “Identify projects that propose to use at-risk water rights, alternative transfer methods, water banking, and efficiency improvements that protect and encourage continued agricultural water use.” (YWG BIP, p. 1-9) and “Recommend possible site-specific solutions in collaboration with local water users including new storage, enlargement or repair of existing reservoirs, infrastructure to improve irrigation system efficiency, etc.” (YWG BIP, p. 1-9), and “Identify specific locations in the YWG Basin where infrastructure requires improvement or replacement to preserve existing uses. Recommend potential solutions in collaboration with local water users. (YWG BIP, p. 1-13).”

This project will initiate more rapid irrigation infrastructure improvement and efficiency demonstration projects, providing tangible examples of how irrigation systems can be improved to provide multiple benefits and exemplify the value of the integrated water management planning process.

### 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 complements CWCB funded projects including the Upper Arkansas Integrated Water Management Plan, the Middle Colorado Integrated Water Management Plan, and the White River Integrated Water Initiative.

### 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.

- 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%

- 1) Colorado Cattlemen’s Association
- 2) Water Plan Grant AG CO Cattlemen's Assoc Outreach/Tech Asst.
- 3) Approving RT(s) – N/A
- 4) 12/28/18
- 5) POGG1,PDAA,201900002548
- 6) 50%

- 1) Colorado Cattlemen's Association
- 2) Water Plan Grant CO Cattlemen's Assoc Engage & Innovation Pt 2



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- 3) Approving RT(s) - N/A
- 4) 1/10/19
- 5) POGG1,PDAA,201900002621
- 6) 50%

- 1) Colorado Cattlemen's Association
- 2) Water Plan Grant CO Cattlemen's Assoc Outreach/Tech Asst.
- 3) Approving RT(s) - N/A
- 4) 12/16/19
- 5) POGG1,PDAA,202000002612
- 6) 50%

### **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.





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

(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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## 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)?
Who is/are the target audience(s)? How will you reach them? How will you involve the community?
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?
Describe how you plan to measure and evaluate the success and impact of the project?



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What research, evidence, and data support your project?
Describe potential short- and long-term challenges with this project.

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."
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.
Describe how the project achieves the education, outreach, and public engagement goals set forth in the applicable Basin Implementation Plan(s).
Describe how the project achieves the basin roundtable's PEPO Education Action Plans.



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Innovation Track
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Describe how the project enhances water innovation efforts and supports a water innovation ecosystem in Colorado.
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Describe how the project engages/leverages Colorado's innovation community to help solve our state's water challenges.
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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?
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Describe how this project impacts current or emerging trends; technologies; clusters, sectors, or groups in water innovation.
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<b>Colorado Water Conservation Board</b>
<b>Water Plan Grant - Exhibit A</b>

Statement Of Work	
<b>Date:</b>	6/30/2021
<b>Name of Grantee:</b>	Colorado Cattlemen’s Association (CCA)
<b>Name of Water Project:</b>	Catalyst Funding for Irrigation Infrastructure Projects
<b>Funding Source:</b>	Agricultural
<b>Water Project Overview:</b>	
<p>This project is designed to accelerate the implementation of example irrigation infrastructure improvement projects that local conservation districts can use to highlight irrigation efficiency and conservation and show ag and other water stakeholders tangible results that can be part of the integrated water management planning (IWMP) and implementation process.</p> <p>CCA’s Ag Water NetWORK 2019 survey found that producers would like to see local watershed and stream management planning efforts produce ‘on-the-ground’ results earlier in the process. Three conservation districts will be collaborating on this project. They are the Upper Arkansas Conservation District, White River and Douglas Creek Conservation Districts, and the Mt. Sopris, Bookcliff, and Southside Conservation Districts.</p> <p>Each of the conservation districts involved in this project are leading or involved in integrated water management planning efforts. Having ready funding available will be instrumental in helping to fast-track implementation of pilot irrigation infrastructure improvement projects that districts can host on-site meetings around. Multi-benefit aspects of improvement projects will be highlighted where relevant. Having an improvement project completed early in the IWMP process helps to maintain interest and momentum in longer term IWMP planning.</p> <p>The funding requested for this project will not serve as the primary source of funding for any of the pilot example projects, but will be leveraged with a variety of funds including those provided by the infrastructure owners, the NRCS Environmental Quality Incentives Program (EQIP), NGOs, conservation districts, and potentially state and other sources.</p>	
<b>Project Objectives:</b>	
<ul style="list-style-type: none"> <li>• Establish agreements with participating conservation districts regarding project cost-sharing.</li> <li>• Site visits to photograph project elements before implementation and discuss projects.</li> <li>• Confirmation of NRCS-certified installation (where relevant) and post-implementation photos and documentation.</li> <li>• Administration of cost-share funds to conservation districts to direct to project sponsors upon completion of project.</li> <li>• Documentation of project benefits</li> <li>• Post-completion field days to highlight each project, discuss funding and encourage more multi-purpose projects</li> </ul>	



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<b>Tasks</b>
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<b>Task 1 – Project 1: Morrisania Water Supply Company Ditch Improvement Project</b>
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<b>Description of Task:</b>
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We will work with and provide catalyst funding to assist in the replacement of deteriorated irrigation water delivery components of the Morrisania Ditch, which is owned and operated by the Morrisania Water Supply Company. The funding will expedite replacement of these components, which – when completed – will improve efficiency, eliminate seepage and provide multiple examples to show other irrigators and water stakeholders.

The Morrisania Water Supply Company (“the Company”) supplies irrigation and stock water to the Morrisania Ranch subdivision located on Battlement Mesa southeast of Parachute. The Company serves 65 families on 880 acres in the subdivision created in the early 1900’s. Irrigation water for the Company is delivered from Battlement Creek via the Battlement Ditch. A summary of the Company’s water rights total 14.67 cfs, in various rights, all pre-Compact.

The Company is working toward replacing aging infrastructure consisting of a head gate, delivery ditches/pipelines and division boxes. The major goals are to replace the head gate, install approximately 2,000 feet of pipeline to replace the remaining open ditch and repair numerous boxes. The flume is new and in good working order.

The NRCS, through an EQIP Application, is assisting the Company with engineering and cost estimates. The estimated contract cost for the head gate and pipe is approximately \$149,000. Due to increasing prices in many aspects, additional funding is needed. For example, the cost of 36” non-recycled HDPE is \$74.60/foot and has been increasing. That quote was good for one day only. The EQIP Application does not include any funds for the division boxes. The NRCS estimates replacement of the three division boxes will cost \$8,000 each.

<b>Method/Procedure:</b>
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First, CCA will work with the Mt. Sopris, Bookcliff, and Southside Conservation Districts (“the Districts”) to establish an agreement describing how the water plan funds being provided via CCA will be used in funding components of the irrigation system improvement project being undertaken by Morrisania Water Supply Company project, including the requirements around releasing the funding.

Communication with the Districts will be on-going and funds will be provided to the Districts to assist with payment of components upon installation completion. Photos and written documentation before and after installation will be used to develop an outreach article that will be published in the Districts’ newsletter, media released by CCA and posted on CCA’s Ag Water NetWORK’s website.



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Upon completion of the project, a field day co-hosted by the district, Morrisania Water Company and CCA's Ag Water NetWORK will be held to showcase the components of the project, answer funding and other questions, and highlight the value of multi-purpose projects.

**Deliverables:**

- Written agreement with participating conservation districts regarding project cost-sharing.
- Site visit to photograph project elements before implementation and discuss project.
- Confirmation of NRCS-certified installation and post-implementation photos and documentation.
- Administration of cost-share funds to conservation district to direct to project sponsors upon completion of project.
- Documentation of project benefits.
- Post-completion field day to highlight the project, discuss funding and encourage more multi-purpose projects.
- Multi-media outreach highlighting the project and use of the project in on-going outreach

<b>Tasks</b>
<b>Task 2 – Project 2: Sunnyside Park Ditch Piping Project</b>
<b>Description of Task:</b>
<p>In cooperation with the Upper Arkansas Conservation District (UACD), we will work with and provide catalyst funding to assist in the replacement of a section of open ditch with buried pipeline. The ditch is owned by Sunnyside Park Ditch. The funding will expedite installation of an HDPE pipeline, which – when completed – will improve efficiency, eliminate seepage and provide an example to show other irrigators and water stakeholders.</p> <p>In 2020, UACD convened a pre-planning process for an IWMP in the Upper Arkansas Watershed bringing together over 40 organizations and individuals working together to improve watershed health. The Sunnyside Park Ditch was identified as a multi-beneficial opportunity to build and improve relationships within the agriculture community and the broader stakeholder community while improving irrigation water efficiency on a major ditch in the Upper Arkansas Conservation District. Funding was obtained through River Network for the IWMP pre-planning process and a portion of this funding was used for a feasibility study on the Sunnyside Park Ditch. This funding was matched by Chaffee Common Ground for the initial phase of planning and implementation.</p> <p>This ditch serves 17 shareholders including several large ranches irrigating 780 acres and impacting over 10,000 acres of land. It is critical to the viability of these ranching operations. It runs along 2 miles of the Arkansas river, through two growing subdivisions and is clearly visible from two major highways making it an accessible, visible demonstration site for IWMP activities.</p> <p>This project was chosen based on need (the ditch is experiencing leakage issues and is increasingly difficult to maintain due to housing developments along the ditch). Additionally, the ditch has experienced multiple</p>



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failures over the years as it travels adjacent and above the Arkansas River. It was also chosen because major shareholders have shown a strong willingness and readiness to participate in IWMP process. Ditch shareholders have participated in grant writing, feasibility planning, agriculture community outreach and the NRCS EQIP application process for this project.

The Sunnyside Ditch project has received a second round of funding through Chaffee Common Ground in 2021 to begin implementation of improvements identified in the feasibility study. Chaffee Common Ground funding is the result of a ballot measure passed in 2018 demonstrating community support for sustainable agriculture. Funding through Common Ground increases awareness in the local community of the needs of agriculture and the benefits of agriculture to watershed health. This project has also been presented at River Network peer to peer learning calls as an example of community outreach and collaboration in integrated water management planning providing educational benefits beyond our local community.

The project has been approved for funding through Chaffee Common Ground (\$100,000) and NRCS EQIP (\$368,673). The District has also planning to apply for \$25,000 in funding from CSCB. Implementation of this project includes installing approximately +/- 2,800 feet of pipe to replace an open ditch section. The UACD continues to lead IWMP activities and will continue to present this project as a demonstration site and an example of stakeholder collaboration, natural resource conservation practice, and support for sustaining agriculture in the UACD leading to:

1. improved understanding by the local community of the needs of agriculture
2. improved understanding by the local community of benefits provided by agriculture
3. increased engagement by local ditch companies in NRCS conservation planning and EQIP programs

**Method/Procedure:**

Initially, CCA will work with the UACD to establish an agreement describing how the water plan funds being provided via CCA will be used in funding components of the irrigation system improvement project being undertaken on the Sunnyside Park Ditch, including requirements around releasing the funding.

Communication with the District will be on-going and funds will be provided to the District to assist with payment of the piping upon NRCS certification of installation completion. Photos and written documentation before and after installation will be used to develop an outreach article that will be published in the District's newsletter, media released by CCA and posted on CCA's Ag Water NetWORK's website.

Upon completion of the project, a field day co-hosted by the District, Sunnyside Park Ditch and CCA's Ag Water NetWORK will be held to showcase the project, answer funding and other questions, and highlight the value of multi-purpose projects.

**Deliverable:**

- Written agreement with participating conservation districts regarding project cost-sharing.
- Site visits to photograph project elements before implementation and discuss projects.
- Confirmation of NRCS-certified installation (where relevant) and post-implementation photos and documentation.
- Administration of cost-share funds to conservation districts to direct to project sponsors upon NRCS certified completion of project.
- Documentation of project benefits.
- Post-completion field day to highlight each project, discuss funding and encourage more multi-purpose projects.
- Multi-media outreach highlighting the project and use of the project in on-going outreach.





Last Updated: June 2021

<b>Tasks</b>	
<b>Task 3 – Project 3: TBD Multi-purpose Irrigation Improvement Project in White River / Douglas Creek Conservation District</b>	
Description of Task:	
<p>In cooperation with the White River and Douglas Creek Conservation Districts, we will work with the Districts to identify and select a demonstration irrigation infrastructure improvement project and provide catalyst funding to assist in the design and/or installation of the project. The demonstration project will complement and support the White River Integrated Water Initiative, which is currently in Phase II and is coordinating diversion and headgate assessments and riparian health assessments.</p> <p>The WP funding provided through CCA will help fast track the assemblage of other funding and enable the example project to be designed and installed more expeditiously. The completed demonstration project will serve as an example that the Districts can host on-site meetings and conduct other outreach around. Implementing a multi-benefit improvement project will be prioritized if one or more are identified.</p>	
Method/Procedure:	
<p>CCA will work with the White River and Douglas Creek Conservation Districts (“the Districts”) to establish an agreement describing how the water plan funds being provided via CCA will be used in funding components of the TBD irrigation system improvement demonstration project. CCA will also work with the Districts on identifying and reviewing potential projects and selecting the most ideal candidate project. A multi-benefit project will be given preference if that option presents itself.</p> <p>Communication with the District will be on-going and funds will be provided to the District to assist with payment for the demonstration project. Funds may be provided to the District to support engineering and/or installation of the project, depending on the need.</p> <p>Photos and written documentation before and after installation will be used to develop an outreach article that will be published in the District’s newsletter, media released by CCA and posted on CCA’s Ag Water NetWORK’s website. The project will also be highlighted in the local newspaper and referenced in on-going outreach in conjunction with the White River Integrated Water Initiative planning and implementation process.</p> <p>Upon completion of the project, a field day co-hosted by the District and CCA’s Ag Water NetWORK will be held to showcase the project, answer funding and other questions, and highlight the value of multi-purpose projects.</p>	
Deliverables:	
<ul style="list-style-type: none"><li>• Written agreement with the Districts regarding project cost-share funding release requirements.</li><li>• Selection of an irrigation infrastructure improvement demonstration project.</li><li>• Site visit to photograph project elements before implementation and discuss project.</li><li>• Confirmation of NRCS-certified installation (where relevant) and post-implementation photos and documentation.</li><li>• Administration of cost-share funds to Districts to direct to project sponsors upon completion of either design and/or installation components of the project.</li><li>• Documentation of project benefits.</li><li>• Post-completion field day to highlight each project, discuss funding and encourage more multi-purpose projects.</li><li>• Multi-media outreach highlighting the project and use of the project in on-going outreach related to the White River Integrated Water Initiative.</li></ul>	



Last Updated: June 2021

### 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.

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 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.



**COLORADO**

Colorado Water  
Conservation Board

Department of Natural Resources

Last Updated: June 2021

(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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Department of Natural Resources

## Colorado Water Conservation Board

### Water Plan Grant - Exhibit B Budget Template Instructions

**\*\* Please select the most appropriate budget template for your project from the worksheet tabs below. A general budget template is provided, as well as templates for studies, construction, and engineering projects.\*\***



**Task 1 - Educational Outreach**

Sub-task	Item	Hourly Rate	# Hours	Sub-total
<b>Task 1 - Upper Arkansas Conservation District Irrigation Infrastructure Demonstration Project</b>				
	Sunnyside Ditch piping project cost share			
	AWN Staff Time	\$ 70.00	40	\$ 2,800.00
SUB TOTAL				

Item Cost	Item Quantity	Sub-total
\$ 22,000.00	1.00	\$ 22,000.00

Total	CWCB Funds	Matching Funds
\$ 490,673.00	\$ 22,000.00	\$ 468,673.00
\$ 2,800.00	\$ 2,240.00	\$ 560.00
<b>\$ 493,473.00</b>	<b>\$ 24,240.00</b>	<b>\$ 469,233.00</b>

**Task 2 - Mt. Sopris, Bookcliff, & Southside Conservation Districts Irrigation Infrastructure Demonstration Project**

	Morrisania Water Supply Company irrigation system improvement project cost share			
	AWN Staff Time	\$ 70.00	40	\$ 2,800.00
SUB TOTAL				

\$ 22,000.00	1.00	\$ 22,000.00
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\$ 170,496.00	\$ 22,000.00	\$ 148,496.00
\$ 2,800.00	\$ 2,240.00	\$ 560.00
<b>\$ 173,296.00</b>	<b>\$ 24,240.00</b>	<b>\$ 149,056.00</b>

**Task 3 - White River & Douglas Creek Conservation Districts Irrigation Infrastructure Demonstration Project**

	Example project; White River Integrated Water Initiative cost share			
	AWN Staff Time	\$ 70.00	48	\$ 3,360.00
SUB TOTAL				

\$ 22,000.00	1.00	\$ 22,000.00
--------------	------	--------------

\$ 22,000.00	\$ 22,000.00	\$ -
\$ 3,360.00	\$ 2,800.00	\$ 560.00
<b>\$ 25,360.00</b>	<b>\$ 24,800.00</b>	<b>\$ 560.00</b>

**Task 4 - AWN travel and lodging**

	Travel (mileage)			
	Lodging and meals			

\$ 0.56	1205.00	\$ 674.80
\$ 3.00	124.00	\$ 372.00

\$ 674.80	\$ 674.80	\$ -
\$ 372.00	\$ 372.00	\$ -
<b>\$ 1,046.80</b>	<b>\$ 1,046.80</b>	<b>\$ -</b>

**Task 5 - CCA Staff time**

	Staff Time	\$ 70.00	140	\$ 9,800.00
SUB TOTAL				

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\$ 9,800.00	\$ 9,100.00	\$ 700.00
<b>\$ 9,800.00</b>	<b>\$ 9,100.00</b>	<b>\$ 700.00</b>

**TOTAL**

Other Direct Costs (see below)

**OVERALL TOTAL**

<b>\$ 702,975.80</b>	<b>\$ 83,426.80</b>	<b>\$ 619,549.00</b>
\$ -		
<b>\$ 702,975.80</b>		

-----Original Message-----

From: Ben Doon <[ccg.cac@gmail.com](mailto:ccg.cac@gmail.com)>

To: Nancy <[nancyroberts1@aol.com](mailto:nancyroberts1@aol.com)>

Sent: Tue, Jun 1, 2021 3:09 pm

Subject: Common Ground Grant

Hi Nancy,

I am writing to let you know that your Sunnyside Park Ditch Rehab proposal was recommended for funding by the Chaffee Common Ground - Citizens Advisory Committee to the Board of County Commissioners (BOCC). The BOCC considered the recommendations at their June 1<sup>st</sup> regular meeting and voted to approve your recommended grant award. **Total funding is \$100,000.** The project has been awarded \$50,000 in 2021 and \$50,000 in 2022. You will receive a grant agreement later this month to sign and return to me for execution by the county. Once your agreement is executed a check will be sent for your 2021 grant award. Your application was recommended for funding based on the average scores of all the reviewers using the grants portal evaluation scoring form and the Common Ground assessment rubric. Attached is a summary table of the scores from this grant cycle.

Thank you.

Sincerely,

--

Ben Doon  
Chaffee Common Ground  
Citizens Advisory Committee  
Administrative Support



*Promoting the wise use of all natural resources*

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

June 28, 2021

RE: Colorado Cattlemen's Infrastructure Improvement Catalyst Funding - CWCB WP Grant Proposal

Dear Colorado Water Conservation Board members:

On behalf of the White River and Douglas Creek Conservation Districts ('the Districts'), we support the CWCB water plan funding for the project proposed by the Colorado Cattlemen's Association. If funded, the project will provide catalyst funding to combine with district and other funds to implement an example irrigation infrastructure improvement projects on the ground.

The 2019 Colorado Cattlemen's [Survey](#) found that producers would like to see local watershed and stream management planning efforts produce 'on-the-ground' results earlier in the process. The Districts are currently leading Phase II of the [White River Integrated Water Initiative](#), which includes irrigation infrastructure and riparian health assessments. This funding would be instrumental in helping to fast-track implementation of an example irrigation infrastructure improvement project so that we can host meetings and promote landowner involvement. The example project will likely come out of our irrigation diversion and infrastructure assessment process, which is on-going this summer. Implementing a multi-benefit improvement project will be prioritized if one or more are identified.

Having the assurance of seed funding from Colorado Cattlemen's Association will help us assemble other funding in a timely manner and allow the example project to be designed and installed more expeditiously.

Please feel free to contact me if you have any questions about our strong support for the proposed project.

Sincerely,

A handwritten signature in black ink that reads "Bill Hume".

Bill Hume  
Douglas Creek Conservation District

A handwritten signature in black ink that reads "Marc Etchart".

Marc Etchart  
White River Conservation District



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

June 28, 2021

RE: Colorado Cattlemen's Infrastructure Improvement Catalyst Funding - CWCB WP Grant Proposal

Dear Colorado Water Conservation Board members:

On behalf Mount Sopris, South Side and Bookcliff Conservation Districts, we support the CWCB water plan funding for the project proposed by the Colorado Cattlemen's Association. If funded, the project will provide catalyst funding to combine with other funds to implement an example irrigation infrastructure improvement project on the ground.

The example project will involve update to aging infrastructure of the headgate, delivery ditches / pipelines and division boxes. The major goals are to replace the head gate, install approximately 2,000 feet of pipeline to replace the remaining open ditch and repair numerous boxes. The improvements will benefit 65 landowners. The infrastructure owner, Battlement Mesa / Morrisania Water Company, is prepared to provide an in-cash match from the above project. The amount is set to be determined at the board meeting set for July 4<sup>th</sup>, 2021. The project will also receive USDA-EQIP funding in the amount of \$148,896. The Districts are providing \$2,463.52 in in-kind support, already paid through the District's Spring 2021 Conservation Cost Share.

The 2019 Colorado Cattlemen's Survey found that producers would like to see local watershed and stream management planning efforts produce 'on-the-ground' results earlier in the process. The Middle Colorado Integrated Water Management Plan was recently completed. The Districts have been integrally involved in the plan and we continue to lead irrigation infrastructure assessment activity.

Having funding from CCA available will be instrumental in helping to fast-track implementation of an example irrigation infrastructure improvement project that we can host on-site meetings around. The example project will likely come out of our irrigation diversion and infrastructure assessment process, which is on-going this summer. Implementing a multi-benefit improvement project will be prioritized if one or more are identified.

Please feel free to contact me if you have any questions about our strong support for the proposed project.

Sincerely,



Emily VanBuskirk  
District Manager  
Mount Sopris, South Side and Bookcliff Conservation Districts

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

June 28, 2021

RE: Colorado Cattlemen's Infrastructure Improvement Catalyst Funding - CWCB WP Grant Proposal

Dear Colorado Water Conservation Board members:

On behalf of the Upper Arkansas Conservation District (UACD), we support the CWCB water plan funding for the project proposed by the Colorado Cattlemen's Association. If funded, the project will provide catalyst funding to combine with local and NRCS funds to implement an example irrigation infrastructure improvement project on the ground.

The 2019 Colorado Cattlemen's Survey found that producers would like to see local watershed and stream management planning efforts produce 'on-the-ground' results earlier in the process. The District is currently leading the Upper Arkansas Watershed Partnership - Integrated Water Management Initiative, which includes a focus on irrigation infrastructure and multi-benefit irrigation projects. Having funding from CCA available will be instrumental in helping to fast-track implementation of an example irrigation infrastructure improvement project that we can host on-site meetings around. The example project was identified through our IWMP process.

Having the catalyst funding from Colorado Cattlemen's Association will help enable the example project to be designed and installed expeditiously.

Please feel free to contact me if you have any questions about our strong support for the proposed project.

Sincerely,



Natalie Allio, District Manager  
Upper Arkansas Conservation District  
Cell: (719) 619-6457



United States Department of Agriculture

Natural Resources Conservation Service  
Denver Federal Center  
Bldg. 56, RM. 2604  
P.O. Box 25426  
Denver, CO 80225-0426

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6/23/2021

Morrisania Water Supply Co  
PO Box 431  
Parachute, CO 81635

EQIP Application # 748B05211KU

Dear Chris Beasley (President),

We have completed the initial assessment and evaluation of your Natural Resources Conservation Service (NRCS) EQIP application and have determined that it meets the priorities established for one or more ranking pools and may receive funding. Before moving forward, we would like to confirm you are still interested in a conservation program contract if selected for funding.

Based on the initial assessment and the selected conservation practices or activities, NRCS estimates that the current planned extents of conservation activities may result in maximum incentive payments totaling approximately \$148,496. If your application is selected for funding, the actual contract amount may change as a result of implementation of practice extents, contract payment limitations, practice limitations, or other reductions based on the final conservation planning. Please note, if funded and obligated, NRCS reimburses participants their contracted incentive payments based on the total units of a conservation practice installed and certified to meet NRCS standards, specifications and designs. The contract value for each contract item number (CIN) is a maximum payment and participants will only receive reimbursement for units of a conservation practice actually installed. Furthermore, any work on potentially funded conservation practices prior to contract obligation with result in those items being ineligible for payment.

In order to fully develop your EQIP application and/or establish your eligibility for the program, please provide the following as soon as possible:

- Consent to Release or Receive Information for NRCS Program Participation (NRCS-CPA-1270)
- Landowner Concurrence Form (NRCS-CPA-1257)

Page 1 of 2

*Helping People Help the Land*

USDA is an equal opportunity provider, employer, and lender.

Please contact me at the local NRCS office at 970-404-3443 to discuss your application and to confirm your intent to proceed with your application if selected for funding. **If we do not hear from you within 14 calendar days from the date you receive this letter, NRCS may not be able finalize development of your application during this current funding cycle and your application may be deferred to a later funding cycle for consideration at a later date.** You will be notified if your application is deferred.

Sincerely,

Stephen Jaouen  
Resource Team Lead District Conservationist  
Glenwood Springs & Kremmling Service Center  
(direct) 970.404.3443  
(work cell) 970.401.2006