



Last Updated: July 2017

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:

Supply and Demand Gap Projects
Water Storage Projects
Conservation, Land Use Planning
Engagement & Innovation Activities
Agricultural Projects
Environmental & Recreation Projects

Gregory.Johnson@state.co.us
Anna.Mauss@state.co.us
Kevin.Reidy@state.co.us
Ben.Wade@state.co.us
Brent.Newman@state.co.us
Linda.Bassi@state.co.us

Applicants interested in submitting an ‘Intent to Apply’ in the future are encouraged to check here ☐ and fill in all sections with the best information available at the time. Exhibits may be excluded.

This “Intent to Apply” will help CWCB prioritize Projects that are not ready for fully completed Water Plan Grant Application due to the initial timeframe and required deadlines.

FINAL SUBMISSION: Submit all application materials 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.

Water Project Summary

Name of Applicant	Sangre de Cristo Acequia Association	
Name of Water Project	Preserving the Hispano Water Culture Curriculum	
CWP Grant Request Amount		\$ 7,500.00
Other Funding Sources <u>Colorado Historical Society</u>		\$ 35,000.00
Other Funding Sources <u>Costilla County Water Conservancy District</u>		\$ 1,000.00
Other Funding Sources _____		\$
Applicant Funding Contribution		\$ 2,000.00
Total Project Cost		\$ 45,500.00



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Applicant & Grantee Information	
Name of Grantee(s)	Sangre de Cristo Acequia Association
Mailing Address	PO Box 721, San Luis Colorado 81152
FEIN	37-1551174
Organization Contact	Mathew Valdez
Position/Title	Executive Director
Email	Mathewvaldez54@gmail.com
Phone	719-580-5300
Grant Management Contact	Judy Lopez
Position/Title	Project Manager
Email	jlopez@coloradoopenlands.org
Phone	719-580-5300
Name of Applicant (if different than grantee)	
Mailing Address	
Position/Title	
Email	
Phone	

Description of Grantee/Applicant
Provide a brief description of the grantee's organization (100 words or less).
<p>The Sangre de Cristo Acequia Association (SCAA) is a 501(c)3 organization representing over 73 acequias, which in turn support approximately 300 families. We were formed in 1991 and work closely with a variety of partner organizations. Our office is located in the town of San Luis, Colorado. The mission of the Sangre de Cristo Acequia Association is to preserve acequias as the core social, political, and economic institution in Costilla, Conejos, Huerfano and Las Animas counties. We are an education and outreach organization supporting the viability of the acequia system, and the rich water, ecology, heritage, and food production they support.,</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 Education

Category of Water Project (check all that apply and include relevant tasks)		
	Supply and Demand Gap - 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>	
	Water Storage - Projects that facilitate the development of additional storage, artificial aquifer recharge, and dredging existing reservoirs to restore the reservoirs' full decreed capacity. <i>Applicable Exhibit A Task(s):</i>	
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>	
X	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. <i>Applicable Exhibit A Task(s):</i>	
	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	Statewide Project
Latitude	
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>This Education Project will look at water through the historic landscape of Southern Costilla County. The unique cultural aspects of the area that include the original settlement of the area via the Sangre de Cristo Land Grant, the implementation of the acequia water distribution system and its intersection with the current Colorado Water Law. The acequia water distribution system was originally developed by Moors in Spain. The technique was brought to this country by the original Spanish explorers. In 1843, Spanish General Beaubien applied for another 1-million-acre (4,000 km²)[2] grant in the San Luis Valley along the Costilla, Culebra, and Trincheras Rivers in southern Colorado. Since he already had one grant, the new grant went to his 13-year-old son Narciso which was approved on January 12, 1844.</p> <p>Settlement was delayed by the Mexican-American War in 1846, which changed the political landscape. When Stephen W. Kearney set up government in Santa Fe, New Mexico in 1846 and established Charles Bent as governor. Beaubien was named one of the judges on the Supreme Court. The Treaty of Guadalupe Hidalgo that ended war affirmed the legality of Beaubien's grant. Beaubien agreed to sell his land and did so by giving 40 acres of land to each of his soldiers. These 40 acre strips ran from upland to upland and gave each owner access to water for growing crops and for watering livestock. Homesteads were built in the dryer uplands areas and the acequia system was implemented. These ditches were hand dug and were the first water rights adjudicated in the state of Colorado (San Luis Peoples Ditch 1852). They are unique in that they are used as community, where each community member shares equally in the available water. So in wet years, everyone on a given acequia receives 100%, this also works the other way in that if there is only 30% of the water available then everyone gets 30%. This still applies on individual acequias, though they receive water to their headgate, in accordance with Colorado's water law is commonly summed up as "first in time, first in right" or doctrine of prior appropriation. Once the adjudicated amount of water is delivered to the headgate the Colorado Division of Water Resources steps back and lets each individual acequia share the water as the community of users has decided. The use of that appropriation is distributed by it by it users not the state. This is a great way to look at the history of water through a little different lens.</p> <p>The workshop uses many different curriculum sources that are given to teachers to supplement their in-class lessons. They include Project Wet, Project Learning Tree, Food, Land and People, Colorado</p>



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Water Project Overview

Potato Administrative Committee and now if funded The Acequia Curriculum. The focus of the workshops is to help teachers understand how water is used and allocated and then help them convey those concepts to students.

This project proposes to create an educational curriculum that explores water then and now, through a variety of hands on lessons and field trip experiences. These lessons will follow these themes: Theme I: Spanish & Mexican Land Grants; Theme II: The Acequia and Colorado Water Law; Theme III: Centennial Farms; Theme IV: La Vega Commons; Theme V: Connecting the Landscape to the Hispano Farmer/Rancher.

The curriculum will be available for teachers Statewide in an easily downloadable format that will provide both in class lessons and a field trip component for students in grades K-12. The project is designed to provide educational and outreach opportunities through the development of Statewide Curriculum that will be housed at both at Sangre de Cristo Heritage Center in San Luis, CO and History Colorado Center in Denver. The lessons will be made available by each organization and will support a variety of Colorado Content Standards

Measurable Results

To catalog measurable results achieved with the CWP Grant funds, please provide any of the following values as applicable:

	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
	Existing Storage Preserved or Enhanced (acre-feet)
	Length of Stream Restored or Protected (linear feet)
	Efficiency Savings (indicate acre-feet/year OR dollars/year)
	Area of Restored or Preserved Habitat (acres)
	Quantity of Water Shared through Alternative Transfer Mechanisms
	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
	Number of Coloradans Impacted by Engagement Activity



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Measurable Results		
X	Other	Explain: Development of an interactive student curriculum.

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>

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.



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Related Studies

See ENGAGEMENT & INNOVATION GRANT FUND SUPPLEMENTAL APPLICATION for project details.

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.

N/A

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.

We are Do not have any Tabor issues.



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

(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:	January 30,2018
Name of Applicant:	Sangre de Cristo Acequia Association
Name of Water Project:	Preserving the Hispano Water Culture Curriculum
Funding Source:	CWP Grant program

Water Project Overview: Please provide a summary of the proposed water project (200 words or less). The same summary can be used from Page 5 of the CWP Grant Application.

The project *Preserving the Hispano Water Culture Curriculum* gets to the heart of the State and basin water plans by delivering comprehensive water and ag education to a variety of groups and partners through the lens of the Acequia. This project was developed by a cooperative group of members that include: The Sangre de Cristo Acequia Association Sangre de Cristo Heritage Center, the Costilla County Water Conservancy District, Denver University Alumni and the History Colorado Center. The Colorado Water Plan recognizes that “outreach creates public awareness of policies and processes, whereas education promotes a deeper understanding of these topics and further recognizes, that both are prerequisites to public engagement”. This project will develop a set of education and outreach lessons designed for Youth and Educators. The Acequia Association understands and studies show that we can “significantly improve the level of public awareness and engagement regarding water issues statewide by 2020” if we implement comprehensive lessons that engage students at all levels.

The curriculum will be available for teachers Statewide in an easily downloadable format that will provide both in class lessons and a field trip component for students in grades K-12.

Objectives: List the objectives of the project.

Objective for the project are as follows:

- Develop a K-12 water curriculum that will be housed at the Sangre de Cristo Heritage Center, the History Colorado Center and the Sangre de Cristo Acequia Association.
- Youth Education will consist of interactive lessons for students in grades K-12. The lessons will be designed for students in grades K-2, 3-5, 6-8 and 9-12. The lessons will be scaffolded so that with each lesson students build greater understanding.
- Educator education will be in the form of comprehensive information packets that provide pertinent back ground information that is needed to confidently teach each lesson

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Tasks	
Provide a detailed description of each project task using the following format:	
Task 1 – Curriculum Development	
Description of Task:	
Task 1 • The curriculum background materials will researched and created by an interpretive writer (Richie Roybal) will collaborate with Dr. Devon Pena, a renowned scholar on the environment and hispano farming. Water information will be verified by the Division of Water Resources and volunteers from Colorado Open Lands. While we have not located an illustration artist, we have provided funds in the budget to engage a good artist in the area to illustrate the curriculum items being developed.	
Method/Procedure:	
The outline of the curriculum will be developed based on the attached themes. The information will be defined by learning objective and state standard based on the grade level. One theme will be developed approved and then passed on to the curriculum team. Then the team will begin work on the next theme.	
Grantee Deliverable: Describe the deliverable the grantee expects from this task	
We expect to see the following outcomes: Sufficient background information developed to support teachers and lessons developed all tied to the content standards.	
CWCB Deliverable: Describe the deliverable the grantee will provide CWCB documenting the completion of this task	
The final report will include the developed curriculum materials that will be cited and approved.	

Tasks	
Provide a detailed description of each task using the following format:	
Task 2 – Lesson Development	
Description of Task:	
The lesson will be developed from background materials and will be developed by an educational team that includes teachers from across the state. Teachers will be recruited by Colorado Open Lands through their teacher workshop program and over seen by Rio Grande Basin Roundtable PEPO Liaison, Judy Lopez.	
Method/Procedure:	
The lessons will be developed using the reviewed background materials. Each theme will have lessons developed and approved before moving on to the next theme.	
Grantee Deliverable: Describe the deliverable the grantee expects from this task	



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Tasks

We expect to see the following outcomes: Sufficient lessons will be developed to support teachers and students as they meet the State Content Standard requirements.

CWCB Deliverable: Describe the deliverable the grantee will provide CWCB documenting the completion of this task

A fully developed set of lessons that engage teachers and students.

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. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

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 withhold disbursement the last 10% of the budget until 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.



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Plan Grant - Exhibit B Budget and Schedule

Date: January 29, 2018

Name of Applicant: Sangre de Cristo Acequia Association

Name of Water Project: Preserving the Hispano Water Culture Curriculum

Task No.	Task Description	Start Date	End Date	Grant Funding Request	Match Funding	Total
1	Curriculum Development	15-Jul-18	31-Dec-18	4500	38000	\$42,500
2	Lesson Development			\$3,000		\$3,000
Total				\$7,500	\$38,000	\$45,500

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

July 31, 2018

Dear Ms. MacKillop,

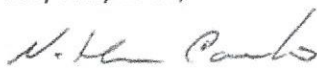
The Rio Grande Basin Roundtable has been actively involved in the development and now the implementation of both our Basin and the State Water Plans. As a basin Roundtable we encourage our members to reach out to constituents in their communities look for projects that meet the goals of the state and Basin Water Plans.

To this end, the Rio Grande Basin Roundtable enthusiastically supports this application for the Colorado Water Plan Grant program for *Building Student Knowledge of Water Through the History of the Acequia* by the Sangre de Cristo Acequia Association. The project is designed to provide educational and outreach opportunities through the development of Statewide Curriculum that will be housed at both t Sangre de Cristo Heritage Center in San Luis, CO and History Colorado Center in Denver. The curriculum will be available for teachers Statewide in an easily downloadable format that will provide both in class lessons and a field trip component for students in grades K-12.

This project has been planned by a variety of partners who include The Sangre de Cristo Acequia Association Sangre de Cristo Heritage Center, the Costilla County Water Conservancy District, Denver University Alumni and the History Colorado Center. The Colorado Water Plan recognizes that *"outreach creates public awareness of policies and processes, whereas education promotes a deeper understanding of these topics* and further recognizes, that *both are prerequisites to public engagement"* The Rio Grande Basin Roundtable has long recognized that in all communities the core social, political and economic institutions are supported by water and that when we protect the water rights and uses we will ensure the viability of these communities and their rich ecology, heritage and food production for generations to come.

Finally, we are lending our wholehearted support to their application for this important outreach project. Thank you for the opportunity to comment. If you have any questions, please do not hesitate to contact me for further information.

Very Truly Yours,



Nathan Coombs
Chairman, Rio Grande Basin Roundtable