



Colorado Water Conservation Board

Water Plan

Water Project Summary

Name of Applicant	Quivira Coalition
Name of Water Project	Engage and educate our community about accessible methods of restoring and repairing waterways
Grant Request Amount	\$46,163.60
Primary Category	\$46,163.60
<i>Engagement & Innovation Activities</i>	
Total Applicant Match	\$15,387.87
<i>Applicant Cash Match</i>	
<i>Applicant In-Kind Match</i>	\$15,387.87
Total Other Sources of Funding	\$0.00
Total Project Cost	\$61,551.47

Applicant & Grantee Information

Name of Grantee: Quivira Coalition	
Mailing Address: 1413 Second St., Suite 1 Santa Fe NM 87505	
Organization Contact: Anica Wong	
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Grant Management Contact: Anica Wong	
Position/Title: Communications Director	Email: anica@quiviracoalition.org
Phone: 970-401-0490	
Grant Management Contact - Alternate: Anica Wong	
Position/Title: Communications Director	Email: anica@quiviracoalition.org
Phone: 970-401-0490	

Description of Grantee/Applicant

Through education, innovation, and collaboration, Quivira works in coalition with ranchers, farmers, government agencies, Tribal entities, and land stewards to foster resilience on working lands. Based in Santa Fe, our operations take place on working lands across the Intermountain West. We envision a world where agriculture provides for the health of rural economies and communities, fosters social equity, and regenerates climate, land, water, and ecosystems.

Type of Eligible Entity

- ☐ Public (Government)
- ☐ Public (District)
- ☐ Public (Municipality)
- ☐ Ditch Company
- ☐ Private Incorporated
- ☐ Private Individual, Partnership, or Sole Proprietor
- ☒ Non-governmental Organization
- ☐ Covered Entity
- ☐ Other

Category of Water Project

- ☐ Agricultural Projects
Developing communications materials that specifically work with and educate the agricultural community on headwater restoration, identifying the state of the science of this type of work to assist agricultural users among others.
- ☐ Conservation & Land Use Planning
Activities and projects that implement long-term strategies for conservation, land use, and drought planning.
- ☒ Engagement & Innovation Activities
Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website.
- ☐ Watershed Restoration & Recreation
Projects that promote watershed health, environmental health, and recreation.
- ☐ Water Storage & Supply
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.

Location of Water Project

Latitude 35.665635
 Longitude -105.968595
 Lat Long Flag Default/Proponent headquarters: If the location cannot be defined with flags above, use location of project proponent headquarters
 Water Source
 Basins Metro/Statewide
 Counties
 Districts

Water Project Overview

Major Water Use Type Education
 Type of Water Project Education
 Scheduled Start Date - Design 1/1/2025
 Scheduled Start Date - Construction
 Description
 Quivira's work is grounded in supporting collaborative conservation to combat issues related to climate change, including issues surrounding our water systems. It is no secret that Colorado faces many challenges related to water and water quality. Education related to increasing resilience in our water system is needed now more than ever. We want to support community education and implementation of accessible and low-tech methods to

support water restoration.

We will accomplish this goal in a multi-pronged effort; publishing a third edition in print and an audiobook version of Bill Zeedyk's "Let the Water Do the Work"; hosting a book launch party and film screening of the documentary, "Thinking Like Water" in Colorado; dedicating an issue of our annual print literary journal, Resilience, to water; and gathering community members at our Colorado Coalition to Enhance Working Lands annual summit to discuss protecting and restoring water in Colorado. Quivira aims to empower land stewards to create a more resilient future and this project is a step in the right direction.

Measurable Results

New Storage Created (acre-feet)
New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
Existing Storage Preserved or Enhanced (acre-feet)
New Storage Created (acre-feet)
Length of Stream Restored or Protected (linear feet)
Length of Pipe, Canal Built or Improved (linear feet)
Efficiency Savings (dollars/year)
Efficiency Savings (acre-feet/year)
Area of Restored or Preserved Habitat (acres)
Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)
Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
2,000 Number of Coloradans Impacted by Engagement Activity
Other
No additional measurable results provided

Water Project Justification

Task 1: produce and print a new edition of Bill Zeedyk's "Let the Water do the Work" book, and release it as an audiobook for further impact. Often called the Bible of riparian restoration in the West, the book provides instructions on specific actions one can take to harness the regenerative power of floods to reshape stream banks and rebuild floodplains along gullied stream channels. This book, which has already been published twice, has become a critical text for anyone with an interest in natural resource management. Techniques outlined in this book have been used successfully to restore wildland ecosystems and waterways in the Valle Vidal in northern New Mexico over the course of decades. The same is true for areas in Colorado, like Badger Creek Ranch. This reprint and audiobook version will not only include the original instructive text, but also Zeedyk's expertise and wealth of knowledge in the redesign of graphics. Then, through a marketing campaign and the creation of the book in audiobook format, we will spread this information across Colorado. This fits the Education and Engagement Action Category within several Action Areas. Quivira is an agriculture-focused nonprofit, so these educational resources will primarily support farmers and ranchers in the Arkansas River Basin and across Colorado, engaging them on water use innovations (page 195, Colorado Water Plan). That said, these resources will help producers implement management strategies that will have impacts within the Thriving Watersheds Action Area as well, such as project implementation and reconnecting floodplains using nature based solutions (pages 206-207, Colorado Water Plan).

Task 2: Host a book release and watch party at the CSU Spur campus for the release of this book and the film "Thinking Like Water," which features Zeedyk's work heavily. The book launch party and film screening would bring together community members, local organizations and possibly state water players to discuss technologies and methods presented in this text and documentary, as well as connect on common struggles and successes in their pursuits of water restoration. This task will support the partner actions of effective engagement within the

Resilient Planning Action area by offering space for education, knowledge sharing, and expanding connections between community members and diverse stakeholders (page 219, Colorado Water Plan), and encourage innovation in implementing these techniques on the land stewarded by the event's attendees. In addition to sharing knowledge, this event has the purpose of building a community of practice around these implementation processes in order for people to work together on water restoration goals within the Colorado Water Plan and get excited about this work.

Task 3: Print a water-focused issue of our annual literary journal, Resilience. Quivira's annual print literary journal, Resilience, has served as a source for producer-driven rangeland science, a place for stories and reflections from our community, and as a resource on implementation of regenerative agriculture on arid lands since the start of Quivira. We will dedicate an issue of the literary journal to stories related to water from producers, land stewards, and others who work the land. This literary journal is not written by professional writers, but by people who are out on the land, implementing innovative strategies, and who are impacted daily by the issues we are facing in our water system. This is an opportunity for land stewards to demonstrate successes and tell stories that get readers inspired and engaged with water restoration work. This task will address the partner actions of effective engagement by offering education related to the restoration goals within the Thriving Watersheds (page 207), Robust Agriculture (page 195), and Resilient Planning (page 219) Action Areas of the Colorado Water Plan, supporting healthy watersheds, and encouraging techniques and methods that reduce water usage.

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.

The Sage Grouse Initiative, part of Working Lands for Wildlife, was looking for simple, low-cost alternatives for restoring wet habitats to support the sage grouse, a federally-listed threatened species, in the Gunnison River Basin. They turned to Zeedyk and his methods to increase sediment capture and vegetation growth. Since 2012, the Gunnison Basin Wet Meadow and Riparian Restoration and Resilience-Building Project, a watershed-scale effort, installed and monitored over 1,000 Zeedyk structures across the Upper Gunnison River Basin.

A study led by Colorado State University researcher Renée Rondeau has found that strategically placing rocks in the wet meadows of Gunnison's sagebrush hills slows water, reconnects the floodplain and increases wetland plant cover by 40 percent, despite unprecedented drought in the West; Zeedyk was a co-author of this study. These techniques benefit ranchers and the sage grouse.

To our knowledge, neither of these research projects directly assist in the implementation of other CWCB programs, but they are definitely complementary.

Taxpayer Bill of Rights

As a 501c3 nonprofit, we do not believe there are any concerns regarding TABOR that would affect our application.