

**COLORADO**Colorado Water  
Conservation Board

Department of Natural Resources

## Colorado Water Conservation Board

## Water Plan

## Water Project Summary

Name of Applicant	Mosquito Range Heritage Initiative	
Name of Water Project	Project-01894 Water Education and Outreach	
Grant Request Amount		<b>\$10,000.00</b>
Primary Category		\$10,000.00
<i>Engagement &amp; Innovation Activities</i>		
Total Applicant Match		<b>\$0.00</b>
<i>Applicant Cash Match</i>		\$0.00
<i>Applicant In-Kind Match</i>		\$0.00
Total Other Sources of Funding		<b>\$6,500.00</b>
<i>Mosquito Range Heritage Initiative</i>		\$4,000.00
<i>Mosquito Range Heritage Initiative</i>		\$2,500.00
Total Project Cost		<b>\$16,500.00</b>

## Applicant &amp; Grantee Information

Name of Grantee: Mosquito Range Heritage Initiative  
Mailing Address: 59 Buckskin Street Alma CO 80420  
FEIN: 208,627,300

Organization Contact: Cara Doyle

Position/Title:

Phone: (719) 839-0351

Email: info@mrhi.org

Organization Contact - Alternate: Robert Stupp

Position/Title: AmeriCorps VISTA

Phone: 443-480-8181

Email: info@mrhi.org

Grant Management Contact: Cara Doyle

Position/Title:

Phone: (719) 839-0351

Email: info@mrhi.org

Grant Management Contact - Alternate: Robert Stupp

Position/Title: AmeriCorps VISTA

Phone: 443-480-8181

Email: info@mrhi.org

## Description of Grantee/Applicant

No description provided

## 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	39.280000
Longitude	-106.060000
Lat Long Flag	
Water Source	Arkansas River, South Platte River
Basins	Arkansas; South Platte
Counties	Chaffee; Park
Districts	11-Arkansas: Headwaters to Salida; 23-Upper South Platte; 36-Blue River Basin

### Water Project Overview

Major Water Use Type	Education
Subcategory	
Scheduled Start Date - Design	4/1/2022
Scheduled Start Date - Construction	
Description	<p>Believing that education is the foundation to achieving long-term conservation success, MRHI provides environmental education programs for all ages. These programs include STEM projects, workshops, plant studies, and hands-on conservation projects. As water supply issues become more prevalent in Colorado, MRHI plans to focus more of its programming on area watersheds and water resource challenges in the Mosquito Range. MRHI is requesting funding to expand our water education programming for area families, offer programs on the aquatic and riparian plants of the Mosquito Range, and increase community engagement opportunities involving area watersheds. Specifically, MRHI is requesting funding to help hire personnel, buy supplies, and</p>

reimburse volunteers for these programs.

MRHI's programs will involve the South Platte, Arkansas, and Blue Rivers, all of which have headwaters in the Mosquito Range.

### 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)
	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
1,500	Number of Coloradans Impacted by Engagement Activity

### Water Project Justification

This project will use educational activities and hands-on community projects to meet the education, participation, and outreach goal set forth in Colorado's Water Plan. Through water education programs, our communities will gain a deeper understanding of the importance of our area watersheds and the challenges these watersheds face. These programs will also teach best practices for protecting watersheds, as well as the plant species and wildlife that depend on these habitats.

The Water Plan (9-59) specifically mentions several topics to be included in water education and outreach strategies. These topics include Colorado's water challenges and solutions; the connection between climate change and water; water conservation and reuse; water quality; and imperiled aquatic and riparian plant and animal species. Through the proposed activities – which include STEM programs, workshops, plant studies, and hands-on conservation projects – this project will incorporate each of these topics.

The Water Plan (10-12) lists five goals regarding watershed health, environment, and recreation. These goals are to:

- Recover Imperiled Species: Through a citizen science project related to our rare alpine plant study and community education programs, MRHI will educate our community about the endangered, threatened, and imperiled aquatic and riparian-dependent species and plant communities in the Mosquito Range.
- Enhance Environmental and Recreational Economic Values: MRHI will highlight the economic benefits of water-based recreational opportunities.
- Protect Healthy Environments: MRHI will educate our community on the importance of healthy watersheds and the need to protect those watersheds.
- Promote Protection and Restoration of Water Quality: MRHI will offer workshops and nature science learning activities focused on water quality.
- Protect and Restore Critical Watersheds: MRHI will host hands-on community events to teach practical water conservation skills, such as riparian habitat restoration.

The South Platte Basin Implementation Plan (SPBIP, 4-7) sets several goals regarding education, outreach, and public engagement, such as further developing the messaging on water issues and complementing existing

efforts in the state. Through the proposed programs, MRHI will educate our communities on key issues regarding local watersheds and water resources in the state. Many of these programs will be collaborative efforts with other organizations that also provide water education.

The Arkansas Basin Implementation Plan (ABIP, 163-164) calls for the education of various stakeholder groups on water resource issues in the Arkansas Basin. Specifically, ABIP calls for messages to be crafted for varied audiences. MRHI collaborates with a diverse range of organizations – including local government, small businesses, the school district, USFS, and other nonprofits – and distributes educational information in-person and through multiple media sources, including newsletters, local newspapers, and social media.

The Basin Education Action Plans developed by the South Platte Basin and Arkansas Basin Roundtables prioritize collaborative education and outreach measures to increase community awareness of water resource challenges and promote stewardship. This project will help “generate a lasting baseline of public awareness and support” through educational programs and community events that highlight problems related to our watersheds. This project will also promote community stewardship of these watersheds.

#### Related Studies

N/A

#### Taxpayer Bill of Rights

There are no TABOR issues regarding our application.

#### 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: (1) Summarizes the project and how the project was completed. (2) Describes any obstacles encountered, and how these obstacles were overcome. (3) Confirms that all matching commitments have been fulfilled. (4) 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 the Budget & Schedule 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.

Last Updated: May 2021

## ENGAGEMENT & INNOVATION GRANT FUND SUPPLEMENTAL APPLICATION

### Introduction & Purpose

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

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

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

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

### Application Questions

\*The grant fund request is referred to as "project" in this application.

Overview (answer for both tracks)
In a few sentences, what is the overall goal of this project? How does it achieve the stated purpose of this grant fund (above)?
The goal of this project is to increase community awareness of water resource challenges in Colorado and promote stewardship of our local watersheds. This project achieves the stated goal of the fund by engaging the community through STEM activities, workshops, plant studies, and hands-on conservation projects. Through these activities and projects, MRHI will highlight the challenges facing Colorado's water supply and teach practical conservation skills, such as riparian habitat restoration and water conservation.
Who is/are the target audience(s)? How will you reach them? How will you involve the community?
Our primary audience includes the residents of Park County and the students of Park County School District RE-2 (including communities of Alma, Fairplay, Como, Jefferson, and Hartsel plus rural areas). We also serve residents of the neighboring counties of Summit and Chaffee for education/recreation programs and draw a significant number of second home owners and recreational visitors from the front range communities surrounding Denver and Colorado Springs. With the increase of tourism in our area, we have visitors from all over the country who join us on occasion as well.
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?



Last Updated: May 2021

Over the years, MRHI has developed an experienced team of partners to assist us in our environmental education and community engagement programs. To achieve the tasks listed in the scope of work, MRHI has partnered with:

- USFS South Park Ranger District
- Fairplay Library
- Boys & Girls Club of the High Rockies
- South Park Early Childhood
- Colorado Parks & Wildlife
- Town of Alma
- Town of Fairplay
- Coalition for the Upper South Platte
- Park County School District RE-2
- South Park Recreation Center

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

To measure the success of this project, MRHI will track the total number of families, children, and community members that we engage through each of our environmental education programs. MRHI will administer pre- and post-surveys at key events to measure knowledge change regarding water education and issues. Finally, we will track successful impact through participant demonstration in implementing the skills taught (for example, the ability of citizens to identify and monitor aquatic and riparian plants, reduction of forest fire fuel on home property, ability to reduce erosion around area watersheds).

What research, evidence, and data support your project?

The Colorado Water Conservation Board's mission is to conserve, develop, protect and manage Colorado's water for present and future generations. Our proposal focuses on these present and future generations in a rural and largely underserved area of central Colorado that is also the headwaters for the Platte, Arkansas and Blue Rivers. Visitation to our Mosquito Range 14ers (mountains above 14,000 feet) has more than quadrupled over the past decade. This is the same general location of these headwaters. The time to act and educate our residents about their precious water resources is now and MRHI has the network and partnerships to successfully accomplish this work. In addition, MRHI has spent the past 10 years studying endangered and imperiled species of alpine plants in these same areas and thus offers a unique element to these important education and conservation efforts.

The South Platte Basin Implementation Plan (1-14) states: "The South Platte Basin is home to 80% of the State's population and provides 80% of the State's economy and tax base. It is an area with great diversity both economically and demographically and is facing 75% of the projected statewide municipal water supply gap. **This Basin deserves and needs an intensive education, participation and outreach program designed to generate a lasting baseline of public awareness and support.**" If the Board is going to succeed in its mission, it must reach into rural and underserved areas where it has not previously. We are in a position to help.

According to the North American Association for Environmental Education, "Environmental education (EE) is a process that helps individuals, communities, and organizations learn more





Last Updated: May 2021

about the environment, develop skills to investigate their environment and to make intelligent, informed decisions about how they can help take care of it." The MRHI programs we are offering provide both the education and skill development piece in the proposed activities.

Colorado's Water Plan sets a measurable objective to significantly improve the level of public awareness and engagement regarding water issues statewide by 2020, as determined by water awareness surveys. Colorado's Water Plan also sets a measurable objective to engage Coloradans statewide on at least five key water challenges (identified by CWCB) that should be addressed by 2030. As one component of this overall strategy, the CWCB will work with Colorado's innovation community, **education and outreach experts**, research institutions, and the Governor's Colorado Innovation Network (COIN) to address Colorado's water challenges **with innovation and "outside-the-box" creativity**. MRHI can make that happen in the Mosquito Range.

Finally, the Board points to Water Conservation Colorado as a key source of accurate research, water educators, facts and current news on Colorado water issues. MRHI will be incorporating their information and training as part of our efforts. In addition, according to Water Conservation Colorado, Project WET is the curriculum of choice for water education for young learners. Project WET's mission is "Advancing water education to understand global challenges and inspire local solutions." MRHI will be incorporating the curriculum as part of its water education strategy.

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

A surge in Covid-19 cases could present a short-term challenge and make it difficult for MRHI to delivery some of its in-person programming. Still, MRHI could offers many of its educational programs and activities virtually and collaborate with local students in small cohorts.

Transportation to field trips and in-person events also presents a short-term challenge as the area schools are currently facing a shortage of school bus drivers. Hopefully this situation improves by next year but MRHI can choose locations closer to the school in the meantime.

Funding also presents an ongoing challenge (as it does for many small nonprofits) but MRHI makes a considerable effort to fundraise and find new grant sources.

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."





Last Updated: May 2021

This project will use educational activities and hands-on community projects to meet the goal set forth in Colorado's Water Plan. Through these programs, our communities will gain a deeper understanding of the importance of watersheds and the challenges these watersheds face. These programs will also teach best practices for protecting watersheds, as well as the plant species and wildlife that depend on these habitats.

The Water Plan (9-59) specifically mentions several topics to be included in water education and outreach strategies. These topics include Colorado's water challenges and solutions; the connection between climate change and water; water conservation and reuse; water quality; and imperiled aquatic and riparian plant and animal species. Through the proposed activities – which include STEM programs, workshops, plant studies, and hands-on conservation projects – this project will incorporate each of these topics.

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.

The Water Plan (10-12) lists five goals regarding watershed health, environment, and recreation. These goals are to:

- Recover Imperiled Species: Through a citizen science project related to our rare alpine plant study and community education programs, MRHI will educate our community about the endangered, threatened, and imperiled aquatic and riparian-dependent species and plant communities in the Mosquito Range.
- Enhance Environmental and Recreational Economic Values: MRHI will highlight the economic benefits of water-based recreational opportunities.
- Protect Healthy Environments: MRHI will educate our community on the importance of healthy watersheds and the need to protect those watersheds.
- Promote Protection and Restoration of Water Quality: MRHI will offer workshops and nature science learning activities focused on water quality.
- Protect and Restore Critical Watersheds: MRHI will host hands-on community events to teach practical water conservation skills, such as riparian habitat restoration.

Describe how the project achieves the education, outreach, and public engagement goals set forth in the applicable Basin Implementation Plan(s).

The South Platte Basin Implementation Plan (SPBIP, 4-7) sets several goals regarding education, outreach, and public engagement, such as further developing the messaging on water issues and complementing existing efforts in the state. Through the proposed programs, MRHI will educate our communities on key issues regarding local watersheds and water resources in the state. Many of these programs will be collaborative efforts with other organizations that also provide water education.

The Arkansas Basin Implementation Plan (ABIP, 163-164) calls for the education of various stakeholder groups on water resource issues in the Arkansas Basin. Specifically, ABIP calls for messages to be crafted for varied audiences. MRHI collaborates with a diverse range of organizations – including local government, small businesses, the school district, USFS, and other nonprofits – and distributes educational information in-person and through multiple media sources, including newsletters, local newspapers, and social media.

Describe how the project achieves the basin roundtable's PEPO Education Action Plans.



Last Updated: May 2021

The Basin Education Action Plans developed by the South Platte Basin and Arkansas Basin Roundtables prioritize collaborative education and outreach measures to increase community awareness of water resource challenges and promote stewardship. This project will help “generate a lasting baseline of public awareness and support” through educational programs and community events that highlight problems related to our watersheds. This project will also promote community stewardship of these watersheds.

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



Last Updated: May 2021

## Colorado Water Conservation Board

### Water Plan Grant – Statement of Work – Exhibit A

#### Statement Of Work

<b>Date:</b>	12/1/21
<b>Name of Grantee:</b>	Mosquito Range Heritage Initiative (MRHI)
<b>Name of Water Project:</b>	
<b>Funding Source:</b>	
<b>Water Project Overview:</b>	
<p>Believing that education is the foundation for achieving long-term success in conservation efforts, MRHI is dedicated to providing a variety of educational programs and activities for all ages. From nature science learning kits to joint workshops with area schools to our adult education series, MRHI offers a wide range of opportunities for community members to deepen their understanding of the natural world and gain practical conservation skills. Recognizing that water supply issues are becoming more pronounced throughout the country, including in Colorado, MRHI plans to offer more educational and engagement opportunities with a focus on area watersheds and water resource challenges.</p>	
<b>Project Objectives:</b>	



Last Updated: May 2021

1. Provide science-based water resource education to foster awareness and inspire action through active outdoor learning experiences for children and their families.
2. Broaden education and awareness of aquatic and riparian native plants of the Mosquito Range.
3. Provide community opportunities to build engagement and awareness of water issues in the Mosquito Range.

Tasks
<b>Task 1 – Expand Water-Focused Youth Programming</b>
Description of Task: <p>To meet the goals laid out in Colorado’s Water Plan and the Basin Implementation Plans, MRHI believes that the next generation must gain an understanding and appreciation of our area watersheds. Throughout the year, MRHI offers a variety of environmental education programming aimed at children and families. These programs include hands-on outdoor education classes – such as WILD Wednesdays and Early Childhood Discovery Hikes – nature science learning kits, and joint workshops with the USFS, Park County School District, and the Boys &amp; Girls Club. MRHI has also collaborated with the school district to host field trips, research projects, and hands-on conservation projects for students. While much of this programming already involves materials or activities related to watersheds and riparian ecosystems, MRHI hopes to increase its focus on water resource challenges and solutions.</p>
Method/Procedure: <ol style="list-style-type: none"><li>1. Provide active hands-on outdoor hikes/classes for area children and their parents (pre-K-age 7), and a more advanced program for ages 7-11, based on nationally recognized curriculum (Project WET, Growing Up WILD).</li><li>2. Provide early childhood hands-on nature science learning activity kits free to community families via the public library and school district (4x/year). Kits will focus on water activities/education to be conducted in the backyard or nearby public land.</li><li>3. Cooperate with the school district to host science-based outdoor water workshops including two snow science events and two water science events.</li></ol> <p>To meet this objective, MRHI is requesting funds to help cover the cost of hiring personnel (estimated cost: \$6,000) and buying nature science supplies (estimated cost: \$500). MRHI plans to provide \$2,500 cash match.</p>
Deliverable:



Last Updated: May 2021

Through these efforts, 800-1000 children and families will have increased their understanding of water resource challenges and become more actively involved in the stewardship of area watersheds.

Tasks
<b>Task 2 – Increase Awareness of Native Aquatic Plants</b>
<p>Description of Task:</p> <p>MRHI has conducted a study of the rare alpine plants of the Mosquito Range for the past several years and is also involved in the GLORIA Project, a global effort to monitor the effects of climate change on alpine regions. Both of the projects have yielded valuable information about these fragile ecosystems and the plant species found there, many of which are riparian. For instance, <i>eutrema penlandii</i>, a small riparian plant, is found only in the high-alpine environment of the Mosquito Range.</p> <p>To ensure the protection and conservation of these rare plants, our community must be educated on the threats they face. As such, MRHI plans to increase our outreach efforts involving these endangered, threatened, and imperiled species.</p>
<p>Method/Procedure:</p> <ol style="list-style-type: none"><li>1. Engage area residents in a citizen science opportunity related to MRHI’s rare alpine plant study. As part of that effort for long-term sustainability, a dedicated group will be trained to monitor rare alpine plants, including specialized training to identify a specific list of local endangered, threatened, and imperiled aquatic and riparian-dependent species and plant communities.</li><li>2. Host a community education program(s) to share the importance and potential risks to the sustainability of endangered, threatened, and imperiled aquatic and riparian species and plant communities. This includes water and climate concerns as well as the drastically increased numbers of recreation visitors.</li></ol> <p>To meet this objective, MRHI is requesting funds to help cover the cost of hiring personnel (estimated cost: \$3,600), reimbursing volunteers for gas (estimated cost: \$200), and buying supplies (estimated cost: \$200). MRHI plans to provide \$1,000 cash match and \$1,000 in-kind volunteer time.</p>



Last Updated: May 2021

**Deliverable:**

Roughly 8-10 community members will learn to identify endangered, threatened, and imperiled plants in the Mosquito Range, as well as best practices for protecting these fragile ecosystems. Another 200 citizens will gain a deeper understanding of climate concerns related to water resources, as well as the threat posed by tourism.

**Tasks**

**Task 3 – Provide Community Engagement Opportunities**

**Description of Task:**

To truly understand the watersheds and riparian ecosystems of the Mosquito Range, our communities need opportunities for hands-on learning. MRHI offers a variety of workshops, trail projects, and events aimed at building practical conservation skills. By contributing to a real-world conservation project, participants develop a deeper understanding of potential solutions to conservation challenges and are more likely to engage in active stewardship on their own. Although many of our community engagement opportunities involve local watersheds, MRHI hopes to expand these programs to cover new topics such as rainwater collection and erosion management.

**Method/Procedure:**

1. As part of our ongoing adult education series, highlight water education, issues, and resource sustainability. Potential topics include: water resources, rare alpine plants, etc.
2. Host hands-on community action events to engage local residents and visitors in water conservation in the Mosquito Range. Events include Earth Day river and trails clean-up, noxious weed pulls, native wildflower planting, and riparian habitat restoration.
3. Provide opportunities for adults to gain practical water conservation and recreation skills. Topics may include fire prevention, native plant gardening, rainwater collection, fishing, wildlife watching, etc.

To meet this objective, MRHI is requesting funds to help cover the cost of hiring personnel (estimated cost: \$3,300) and reimbursing volunteers for gas (estimated cost: \$200). MRHI plans to provide \$500 cash match and \$1,500 in-kind volunteer time.

**Deliverable:**



Last Updated: May 2021

Over 300 community members will gain a deeper understanding and appreciation of our local watersheds and develop practical skills for protecting and conserving these ecosystems.

**Repeat for Task 3, Task 4, Task 5, etc.**

### 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





Last Updated: May 2021

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 C. Per 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 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 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 - Exhibit C Budget and Schedule

Prepared Date:

Name of Applicant:

Name of Water Project:

Project Start Date:

Project End Date:

Task No.	Task Description	Task Start Date	Task End Date	Grant Funding Request	Match Funding	Total
1	Expand Water-Focused Youth Programming	Apr. 1, 2022	Mar. 31, 2023	4,000	2,500	\$6,500
2	Increase Awareness of Native Aquatic Plants	Apr. 1, 2022	Mar. 31, 2023	\$3,000	\$2,000	\$5,000
3	Provide Community Engagement Opportunities	Apr. 1, 2022	Mar. 31, 2023	\$3,000	\$2,000	\$5,000
<b>Total</b>				\$10,000	\$6,500	\$16,500

## Youth Programming



## Rare Alpine Plants

