

## **Colorado Water Conservation Board**

### Water Plan Grant Application

### Instructions

To receive funding for a Water Plan Grant, applicant must demonstrate how the project, activity, or process (collectively referred to as "project") funded by the CWCB will help meet the measurable objectives and critical actions in the Water Plan. Grant guidelines are available on the CWCB website.

If you have questions, please contact CWCB at (303) 866-3441 or email the following staff to assist you with applications in the following areas:

Water Storage Projects 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 Environmental & Recreation Projects Chris.Sturm@state.co.us

FINAL SUBMISSION: Submit all application materials in one email to water-

<u>plan.grants@state.co.us</u> 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	Onward! A Legacy Foundation DBA Montezuma Orchard Restoration Project
Name of Water Pro- ject	Sustainable Infrastructure to Support Restoration of Southwest Colorado's Or- chard Culture and Economy



CWP Grant Request Amount	\$150,000
Other Funding Sources (REDI grant)	\$150,000, pending
Other Funding Sources (Gates Family Foundation)	\$60,000, pending
Other Funding Sources	\$
Applicant Funding Contribution	\$15,000
Total Project Cost	\$375,000

# Applicant & Grantee Information

Name of Grantee(s): Onward! A Legacy Foundation DBA Montezuma Orchard Restoration Project (MORP)

Mailing Address: POB 1556, Cortez, CO 81321

FEIN: 26-0045741

Organization Contact: Jude Schuenemeyer

Position/Title: CoDirector

Email: judemorp@gmail.com

Phone: (970) 565-3099

Grant Management Contact: Adalyn Schuenemeyer

Position/Title: CoDirector

Email: addiemorp@gmail.com

Phone: (970) 565-3099

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).

Montezuma Orchard Restoration Project (MORP) works to preserve Colorado's fruit growing heritage and restore an orchard culture and economy to the southwestern region. MORP documents historic orchards, identifies and propagates endangered heritage apple varieties, and helps farmers care for and benefit from their historic fruit trees in a region that suffers from drought, agriculture water shortages, and one of the highest poverty rates in Colorado. MORP believes that the remarkable orchard culture and economy that once thrived here can again be possible by demonstrating water conservation in heritage orchards while building value-added market opportunities for area farmers.

	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.
	Private Incorporated: Mutual ditch companies, homeowners associations, corporations.
	Private Individuals, Partnerships, and Sole Proprietors: 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.
	Covered Entity: As defined in Section 37-60-126 Colorado Revised Statutes.

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



Identified Projects and Processes (IPP)
Other

Cat	Category of Water Project (check the primary category that applies and include relevant tasks)			
	charge, and beneficial p ter supply a	age - Projects that facilitate the development of additional storage, artificial aquifer re- d dredging existing reservoirs to restore the reservoirs' full decreed capacity and Multi- projects and those projects identified in basin implementation plans to address the wa- and demand gap <i>Exhibit A Task(s):</i>		
	Conservation and Land Use Planning - Activities and projects that implement long-term strategies for conservation, land use, and drought planning. <i>Applicable Exhibit A Task(s):</i>			
	Engagement & Innovation - Activities and projects that support water education, outreach, and innovation efforts. Please fill out the Supplemental Application on the website. <i>Applicable Exhibit A Task(s):</i>			
x	Agricultural - Projects that provide technical assistance and improve agricultural efficiency. <i>Applicable Exhibit A Task(s): Construction</i>			
	Environmental & Recreation - Projects that promote watershed health, environmental health, and recreation. Applicable Exhibit A Task(s):			
	Other	Explain:		

# 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/Counties	Montezuma
Latitude	37°24'36"N
Longitude	108°31'07"W

# Water Project Overview

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.

The Applicant shall also provide, in Exhibit A, a detailed Statement of Work, Budget, Other Funding Sources/Amounts and Schedule.



Montezuma Orchard Restoration Project owns 36.35 acres of residential/agricultural land near Cortez, Colorado, irrigated with 35 shares of Montezuma Valley Irrigation Company water. Historically the property was used for orchards, but the majority of the trees were cut out by 1960 in favor of water intensive crops such as alfalfa. MORP was recently awarded a WSRF grant to work with its partner, The Nature Conservancy (TNC), to restore the site to heritage orchards while demonstrating crop conversion opportunities and water conservation methods to area farmers. The property known as the Orchard Hub is located in the San Juan basin on lands that use water from the Dolores River basin.

This project will help facilitate the objectives of MORP's WSRF grant by constructing the sustainable indoor infrastructure needed to conduct educational and economic activities around teaching the benefits of water conservation and preservation in orchards while providing value-added opportunities to grow the SW region's fruit economy. Specifically, funds will be used to construct a 6,000 square feet, insulated steel building to house classroom/training facilities, apple storage, mobile juice press operations, commercial kitchen, and service crews.

### **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), Con- sumptive or Nonconsumptive	
	Existing Storage Preserved or Enhanced (acre-feet)	
	Length of Stream Restored or Protected (linear feet)	
TBD	Efficiency Savings (indicate acre-feet/year OR dollars/year)	
	Area of Restored or Preserved Habitat (acres)	



TBD	Quantit	y of Water Shared through Alternative Transfer Mechanisms
		r of Coloradans Impacted by Incorporating Water-Saving Actions nd Use Planning
	Numbe	r of Coloradans Impacted by Engagement Activity
	Other	Explain:

### Water Project Justification

Provide a description of how this water project supports the goals of <u>Colorado's Water Plan</u>, the most recent <u>Statewide Water Supply Initiative</u>, and the applicable Roundtable <u>Basin Implementation Plan</u> and <u>Education Action Plan</u>. 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).

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;)



As described in detail in the Montezuma Valley Apple Market Study (<u>see http://montezumaor-chard.org/wp-content/uploads/2018/06/Finalrev-Updated-MORP-Market-Study-January-2018.pdf</u>), Montezuma County's farmers started growing apples over a century ago. Montezuma Orchard Restoration Project (MORP) has documented thousands of historic apple trees, representing hundreds of rare and endangered varieties, that still dot Montezuma County's landscape. Indeed, apples were once one of Montezuma County's main crops. However, orchards eventually gave way to hay, alfalfa and other crops that were more lucrative at the time—and also more water intensive.

In the face of climate change, population growth, drought, and agricultural water deficits MORP believes there is an urgent need to help area farmers plan for future water shortages, and a timely opportunity to demonstrate water conservation in orchards as we rebuild our fruit economy. Years of planning and on-the-ground work has resulted in MORP reaching multiple milestones towards these innovative efforts:

- Purchased orchard property (\$310K) to serve as a home base to advance MORP's mission to preserve Colorado's fruit growing heritage and, in partnership with The Nature Conservancy, demonstrate water conservation in orchards as we revitalize our local fruit economy.
- Received a USDA Local Food Promotion Program grant award (\$323K) for purchase of mobile juice press to begin to process the estimated 50,000 bushels of apples from our historic orchards that are currently being irrigated, but going to waste, into a value-added product to benefit area farmers and businesses.
- Awarded a CDA Specialty Crop Block Program grant (\$86K) and a Water Supply Reserve Fund grant (\$65K) that will allow MORP to establish a genetic preservation orchard and demonstrate water conservation at the Orchard Hub property.

The final barrier that MORP faces in scaling up this work is lack of sustainable indoor facilities to serve as apple and juice storage, and as a place to house mobile juice press, community classroom, commercial kitchen, and service crews. Analogously, a facility would serve as a *reservoir* for **year round** educational and commercial activities needed to rebuild Southwest Colorado's historic fruit economy while promoting innovative irrigation efficiencies that can help to reduce the water gap in the San Juan Basin. While the Orchard Hub property provides an outdoor, living classroom - *in-door* facilities would serve as a location for MORP to conduct educational activities independent of the weather. Similarly, on-site crew housing with commercial kitchen would help address challenges of labor while increasing community-building opportunities tied around water conservation, orchard preservation, food security, and economic development.

Furthermore, current Colorado health code requires the mobile press to be operated indoors to produce pasteurized juice when final product will be sold as unfermented juice to consumers. In addition, <u>MORP's business plan</u> shows that an indoor facility is needed to extend the harvest and juicing window to meet demand. Without a storage and processing facility, MORP has learned through pilot projects that it can make a modest impact on our region's fruit economy by juicing about 3,000 bushels (9,900 gallons) per season. On the other hand, a facility would provide the storage and protected space for MORP to reach market potential by juicing up to 15,000 bushels (49,500 gallons) or more per season within five years, generating \$272,500 in gross revenue from MORP direct activities alone. As a result, family farms that have not seen reliable markets for their apples in decades will receive a combined \$72,000 to \$120,000 gross revenue from their fruit. Farmers and businesses will also generate additional revenue by selling fermented and unfermented value-added juice products.





Market studies, direct consumer requests, and numerous articles in local and <u>national media</u> reflect the demand for Colorado heritage apples and juice. Despite MORP's successes, supplying this demand is not currently reaching its market potential due to lack of critical indoor infrastructure. Likewise, crop shifting to orchards with in-demand heritage fruits is hampered by the difficulties in moving current crops to market without a storage and processing facility. Construction of a facility at the Orchard Hub is the final key piece of infrastructure needed to meet the educational and economic development potential to rebuild the local fruit economy while promoting water conservation efforts in orchards.

This project is not currently an Identified Project Proposal (IPP), however, MORP has a pending application for this project to be added as an IPP. Water activities described in this project meet multiple regional and statewide goals that were informed by the work of the **Statewide Water Supply Initiative (SWSI)** that identified Colorado's current and future water needs and ways to meet those needs. By completing this project, MORP will have grown the capacity to incorporate "water awareness", as emphasized in these regional and statewide plans, into its future education and outreach activities.

As described on page 10 of **Southwest Basin Roundtable Basin Implementation Plan**, "*Agriculture and the open space it maintains contribute to the culture, economy, and quality of life of the Southwest Basin.*" In essence, this is at the heart of what MORP does. From the preservation of open space and a healthy local food economy to remembering and re-establishing a historically significant agricultural heritage, this project contributes to the culture, economy, and quality of life of the region.

MORP's mission and potential water conservation benefits that this project will facilitate, advance multiple Roundtable underlying principles:

Identifies specific and unique projects that are important to maintaining the quality of life in this region and should accommodate the development and maintenance of flows, including domestic supplies, environmental needs, agriculture, recreation, and commercial/industrial needs to provide for further economic development.

Recognizes and addresses the challenges to all water uses that future drought and/or climate variability may bring. (SW BIP, pg 10)

Section 1, Table 1 of the SW BIP lists several themes this project meets including Goal A: Balance All Needs and Reduce Conflict, Goal B: Meet Agricultural Needs, and Goal G: Comply with CO River Compact and Manage Risk (SWBRT BIP, pg. 11).

<u>Goal A: Balance All Needs and Reduce Conflict</u> – This project addresses goal A2: Support specific and unique IPP's important to maintaining the quality of life in this region, and to address multiple purposes including municipal, industrial, environmental, recreational, agricultural, risk management, and compact compliance needs (SWBRT, pg.12). This project will facilitate MORP's WSRF water activities with The Nature Conservancy, Southwestern Colorado Research Center, and a qualified engineering consultant thus meeting measurable outcome number 3 to promote dialogue, foster cooperation and resolve conflict.



<u>Goal B: Meet Agricultural Needs</u> – This project impacts goal B2: *Implement efficiency measures to maximize beneficial use and production (SWBRT BIP, pg. 13)* by working towards measurable outcomes 1 and 2. This project will facilitate irrigation efficiencies in orchards that could assist in bridging the identified irrigation gap for the Dolores Project of nearly 4,000 AF (SWBRT BIP, pg. 32). MORP is currently working to demonstrate water conservation in orchards and will provide a transferable template to encourage farmers to preserve their old orchards and plant new ones, conserve intact agricultural land and open space, avoid buy and dry scenarios, convert water intensive crops to orchard, and consider water banking / alternative transfer methods with water conserved. This project addresses one of the most significant barriers to crop shifting proposals which is the lack of access to the sustainable infrastructure and markets to successfully grow high-value lower use crops.

<u>Goal G: Comply with CO River Compact and Manage Risk</u> – This project addresses goal G6: *Support strategies to mitigate the impact of a CO River Compact curtailment should it occur* (SWBRT BIP, pg 18). MORP has participated in community outreach meetings offered by the Colorado River Water Bank Work Group that is taking a proactive approach to planning for the likelihood that ongoing drought, population growth, and resulting water gap may cause a call on water in order to comply with the Colorado River Compact (also described on page 119 of the Colorado Water Plan). The main strategy discussed by the group has been to create a water bank by paying agricultural water users to temporarily reduce irrigation. Instead, as described in this project, MORP supports water efficiency and crop conversion opportunities for the potential to bank water to "close the gap". Should a curtailment occur, farms that have developed more efficient, resilient systems will be better situated to grow into the future. Access to sustainable infrastructure and markets will facilitate these efforts.

In describing the common theme to meet Colorado's agricultural needs, the **Colorado Water Plan (CWP)** states that multiple basins are "approaching agricultural needs from an economic and productivity standpoint", and recognizes that "Some western slope roundtables, such as the Southwest Roundtable, indicate that agriculture across the state is important, and have expressed support for strategies such as high-conservation to minimize the potential loss of irrigated acres" (CWP chapter 6, pg 16). Furthermore, meeting Colorado's supply-demand water gaps by using a grassroots approach is identified as a critical action in the CWP, as well is maintaining agricultural viability, facilitating alternative transfer methods, and supporting agricultural conservation and efficiency (CWP chapter 10.3). This project creates the sustainable infrastructure and markets to facilitate water conservation and management activities that work towards these ends. As a result, our local economy will benefit by conserving water to preserve the agricultural heritage of our region.





#### **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. Agricultural Water Conservation in the Colorado River Basin: Alternatives to Permanent Fallow-1. ing Research Synthesis and Outreach Workshops - Crop Switching Report. This report from Colorado State University/Colorado Water Institute explores the opportunities, challenges, and next steps in understanding how crop switching can help address water scarcity while minimizing harm to agriculture. Colorado Water – Alternative Transfer Methods: An Approach Towards Balancing Municipal 2. and Agriculture Water Needs. This issue of the Colorado Water Institute's regular publication provides an overview of tools and methods for reducing water use in agriculture. It provides a good summary of crop switching and the associated issues and considerations. Barley Dreams: An Arizona town gambles on beer to save water. This article from The Nature 3. Conservancy magazine describes a successful crop switch project in Arizona that has helped support the local agriculture economy and improve flows in the Verde River. Montezuma Valley Apple Market Study. This study by Montezuma Orchard Restoration Project, 4 funded in part by Colorado Department of Agriculture and United States Department of Agriculture, describes the history of apple orchards and production in Montezuma County, current and potential markets, and challenges and opportunities to meet those markets. Business Plan for Producing Apple Juice with a Mobile Juice Unit. This plan written by Monte-5. zuma Orchard Restoration Project following completion of a successful feasibility study - both funded in part by Colorado Department of Agriculture and United States Department of Agriculture - lays out the steps needed for MORP to turn on-farm food waste into a value-added juice product following a mission-driven business model.

# 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.

Water Supply Reserve Fund grant to Onward A Legacy Foundation DBA Montezuma Orchard Restoration Project. *Innovations in Irrigation to Support Heritage Apple Orchards in SW Colorado*. Southwest Basin Roundtable. CWCB meeting date: 9/17/2020. Purchase order: POGG1 2021-2538. Percentage of CWBC funding: 0% "other" to this specific grant project



# 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.

none

	Submittal Checklist		
	I acknowledge the Grantee will be able to contract with CWCB using the Standard Contract.		
Exhit	Exhibit A		
х	Statement of Work <sup>(1)</sup>		
х	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>		
Exhibit C			
	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)		
Enga	gement & Innovation Grant Applicants ONLY		
	Engagement & Innovation Supplemental Application <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.

Statement Of Work		
Date:	November 27, 2020	
Name of Grantee:	Onward! A Legacy Foundation DBA Montezuma Orchard Restoration Project	
Name of Water Project:	Sustainable Infrastructure to Support Restoration of Southwest Colo- rado's Orchard Culture and Economy	
Funding Source:	Colorado Water Plan Agriculture Project Grant	
Water Project Overview:	•	

Montezuma Orchard Restoration Project owns 36.35 acres of residential/agricultural land near Cortez, Colorado, irrigated with 35 shares of Montezuma Valley Irrigation Company water. Historically the property was used for orchards, but the majority of the trees were cut out by 1960 in favor of water intensive crops such as alfalfa. MORP was recently awarded a WSRF grant to work with its partner, The Nature Conservancy (TNC), to restore the site to heritage orchards while demonstrating crop conversion opportunities and water conservation methods to area farmers. The property known as the Orchard Hub is located in the San Juan basin on lands that use water from the Dolores River basin.

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**Project Objectives:** 



Reach Montezuma Orchard Restoration Project's goal to put in place the sustainable infrastructure to effectively conduct educational and economic activities tied to the benefits of water conservation and preservation in orchards by providing value-added market opportunities that advance MORP's mission to restore an orchard culture and economy to SW Colorado.

### Tasks

#### Task 1 – Project Design

Description of Task:

Obtain final engineered design and cost estimate for construction of a high performance, sustainable (well insulated), pre-fabricated steel building with ADA access that incorporates MORP's conceptual design for use of the space:

- apple and juice storage & loading dock
- mobile press operations
- service crew housing
- commercial kitchen
- community classroom

note: the storage and juicing operations will be divided from the housing, kitchen, and classroom sections of the building.

Method/Procedure:

Consult with builders that have experience erecting and customizing pre fabricated, pre engineered steel buildings.



Tasks
Deliverable:
<ol> <li>Engineered design and construction specifications</li> <li>Cost Estimate</li> </ol>

Tasks

Task 2 - Construction

Description of Task:

Construct a 6,000 square feet, pre fabricated, pre engineered steel building incorporating sustainable (green) design complete with foundation, exterior, interior, insulation, septic, utilities, plumbing, fixtures, loading dock, and driveway access improvements.

Method/Procedure:



Tasks
Solicit bids for general contractor to complete construction of facilities to include construction management. Obtain scope of work and schedule for construction that is within project budget.
Deliverable:
<ol> <li>Contract with general contractor</li> <li>Scope of work</li> <li>Construction schedule</li> <li>Photos of construction milestones and completed facilities</li> </ol>

Tasks

### Task 3 – Project Management and Publicity

Description of Task:



Tasks
Ensure construction project follows permit requirements, scope of work, timeline, and budget. An- nounce milestones to the public.
Method/Procedure:
Communicate with Montezuma County Planning and Zoning Department to understand construction requirements and obtain necessary permits. Consult with general contractor to verify project follows permit requirements, scope of work, timeline, and budget. Maintain good communications to ensure obstacles are overcome in a timely manner. Publicize project milestones and completion through MORP's members, networks, and the media.
Deliverable:
<ol> <li>Copies of invoices and permits</li> <li>Construction progress reports</li> <li>Documentation of ground breaking celebration and facility dedication</li> </ol>



Tasks
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#### Task 4 – Facility Use and Maintenance

Description of Task:

Ensure long term, sustainable use and maintenance of the facility that adheres to MORP's mission and business plan.

Method/Procedure:

Use in-house labor to develop a facility and maintenance plan. Several of MORP's board members have professional experience in facilities management including most recently at Osprey Packs in Cortez, Colorado.

Deliverable:

Facilities & Maintenance Plan



Tasks
Task 5 – Grant Management
Description of Task:
This task will involve timely updates on project implementation and budget.
Method/Procedure:
MORP CoDirectors have worked on six state and federal grant projects and will participate in all levels of project coordination, implementation, reporting, and evaluation with oversight from MORP's Board of Di- rectors and fiscal sponsor Onward! A Legacy Foundation. Grantee will follow project timeline and keep rec- ord of accomplishments and receipts for accurate and timely reports and reimbursements.
Deliverable:



Tasks
Timely progress reports, reimbursement requests based on actual expenditures, and final report.

### **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 CWCB in hard copy and electronic format 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.

(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 B

Budget and Schedule

Prepared Date: 11/27/2020

Name of Applicant: Onward! A Legacy Foundation DBA Montezuma Orchard Restoration Project

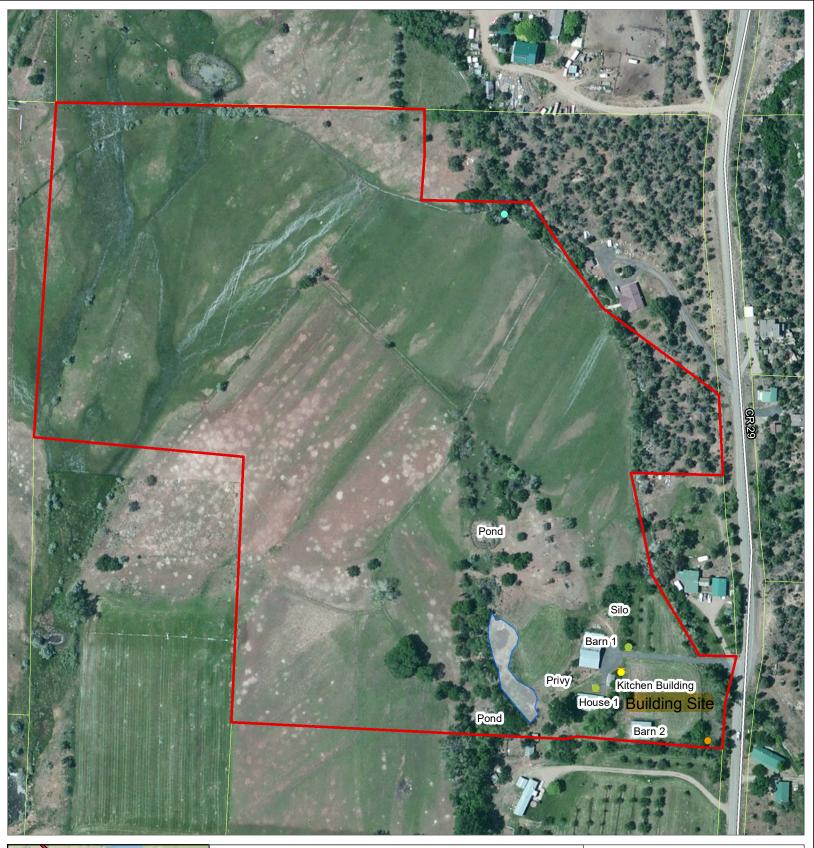
Name of Water Project: Sustainable Infrastructure to Support Restoration of Southwest Colorado's Orchard Culture and

Project Start Date: 5/1/2021

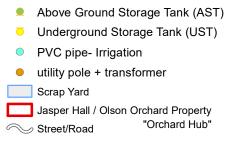
Project End Date: 5/1/2022

Task No.	Task Description	Task Start Date	Task End Date	Grant Funding Request	Match Funding	Total
1	Project Design	5/1/2021	7/1/2021		\$5,000.00	\$5,000
2	Construction *	9/1/21	10/31/21	\$145,000	\$205,000	\$350,000
3	Project Management and Publicity	ongoing	ongoing		\$5,000	\$5,000
4	Facility Use and Maintenance	9/1/21	5/1/22		\$5,000	\$5,000
5	Grant Administration	ongoing	ongoing	\$5,000	\$5,000	\$10,000
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
			Tota	\$150,000	\$225,000	\$375,000
		Page	1 of 1			
* See C	Construction Budget Sheet for d	etail				

Normal         Normal<													
	Colorado Water Conservation Board												
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	Water Plan Grant - Detailed Budget Estimat	e											
	Fair and Reasonable Estimate for Task 2 - Constr	uction *											
	Prepared Date: 11/27/2020												
	Name of Applicant: Onward! A Legacy Foundation DBA Montezuma Orchard	d Restoration Project							 				
	Support Restoration of Southwest Colorado's												
	Task 2 - Construction: 6,000 square feet steel building												
	subtask including labor Cost												
	Excavation and foundation \$ 70,000.00								 				
	Engineered building erected w/exterior doors and windows \$115,000.00								 				
	Insulation \$ 30,000.00												
	Commercial kitchen: added cost to above for commercial use \$ 15,000.00												
	Loading Dock \$ 15,000.00												
	Septic \$ 10,000.00												
	Drive access improvements \$ 5,000.00												
	Bury electric \$ 10,000.00												
	Permits \$ 5,000.00												
	<b>TOTAL</b> \$ 350,000.00												
* Se General Tab for full project budget * Se General Tab for full p													
	* See General Tab for full project budget												









Miles

### Montezuma Orchard Restoration Project

#### Site Detail Map

Montezuma County, Colorado

Section 5, Township 36N, Range 15W



Coordinate System: NAD 1983 UTM Zone 13N

1:2,500



November 30, 2020

### Re: matching funds for WPG project "Sustainable Infrastructure to Support Restoration of Southwest Colorado's Orchard Culture and Economy"

Dear Colorado Water Conservation Board,

Montezuma Orchard Restoration Project (MORP) commits to \$15,000 inkind labor for project design, management, publicity, and administration to support its goal to put in place the sustainable infrastructure to effectively conduct educational and economic activities tied to the benefits of water conservation and preservation in orchards. This is part of an on-going capital campaign to provide value-added market opportunities that advance MORP's mission to restore an orchard culture and economy to SW Colorado.

Thank You,

David V Sanford

David V. Sanford President, Montezuma Orchard Restoration Project