

**COLORADO**Colorado Water  
Conservation Board

Department of Natural Resources

## Colorado Water Conservation Board

# Water Plan

## Water Project Summary

Name of Applicant	UVWUA
Name of Water Project	West Side Intra-System Storage Project – Feasibility Study
Grant Request Amount	<b>\$80,250.00</b>
Primary Category	\$80,250.00
<i>Water Storage &amp; Supply</i>	
Total Applicant Match	<b>\$26,750.00</b>
<i>Applicant Cash Match</i>	\$26,750.00
<i>Applicant In-Kind Match</i>	\$0.00
Total Other Sources of Funding	<b>\$0.00</b>
Total Project Cost	<b>\$107,000.00</b>

## Applicant & Grantee Information

Name of Grantee: UVWUA  
Mailing Address: 601 North Park Avenue Montrose CO 81401

Organization Contact: Steve Pope  
Position/Title: Email: [spope@uvwua.com](mailto:spope@uvwua.com)  
Phone: e (970) 249-3813

Grant Management Contact: Steve Pope  
Position/Title: Email: [spope@uvwua.com](mailto:spope@uvwua.com)  
Phone: e (970) 249-3813

## Description of Grantee/Applicant

UVWUA is a water users association supplying irrigation and raw domestic water to the Uncompahgre Valley in Montrose and Delta County Colorado

## 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	38.460370
Longitude	108.019970
Lat Long Flag	Other: Coordinates based on other boundaries or locations
Water Source	Uncompahgre River and Tributaries to the Uncompahgre River
Basins	Gunnison; Colorado
Counties	Montrose
Districts	41-Lower Uncompahgre River

### Water Project Overview

Major Water Use Type	Agricultural
Type of Water Project	Planning
Scheduled Start Date - Design	3/1/2025
Scheduled Start Date - Construction	

Description

The objective of the project is to investigate the feasibility of the WISSP project, which is expected to consist of the following components:

- Installation of a pumping system from the West Canal into the Shavano Valley Detention Basin.
- Improvements to the Shavano Valley #1 and #2 Dams necessary for Irrigation Water Storage.
- Installation of a pumping system from the CQ Lateral into the Roatcap Wash Detention Basin.
- Improvements to the Roatcap Wash Watershed RW-1 Dam such that the reservoir can be used for Irrigation Water Storage.
- Improvements to the diversion structure for the West Canal Feeder Ditch along with Feeder Ditch capacity improvements (if needed).

If feasible, this project will enable UVWUA to utilize two stormwater/sedimentation basins owned by Shavano Conservation District for irrigation storage, allowing UVWUA to put the diurnal peaks that currently bypass their system to beneficial use. This feasibility study will result in 15% design, opinions of probable construction cost (OPCCs) and a feasibility report.

### Measurable Results

1,200	New Storage Created (acre-feet)
1,200	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
	Existing Storage Preserved or Enhanced (acre-feet)
1,200	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
	Number of Coloradans Impacted by Engagement Activity

Other

No additional measurable results provided

### Water Project Justification

The Uncompahgre Valley Water Users Association (UVWUA) irrigates approximately 83,000 acres of farmland in the Uncompahgre Valley of Western Colorado. While UVWUA has a suite of senior water rights, and significant storage in the Taylor River and Upper Uncompahgre Basins, UVWUA is frequently water-short during peak demand. A number of factors contribute to this, but two of the larger factors are that:

- Natural flow on the Uncompahgre and its tributaries is highly variable. During below average years, flow is frequently less than 50% of an above average year.
- Diurnal fluctuations in flow on the Uncompahgre River make it difficult to put available water to beneficial use. Diurnal peaks often flow through the Uncompahgre Valley and are not diverted, due largely to infrastructure limitations, including both conveyance and storage.

To help reduce shortages, UVWUA has developed the Westside Intra-System Storage Project (WISSP), which, through infrastructure improvements, will allow UVWUA to utilize existing stormwater detention basins for irrigation water storage. By utilizing existing dams and detention basins, UVWUA could develop significant irrigation storage for their system without the high costs of new reservoir construction while ensuring the significant stormwater storage is maintained for modeled precipitation events. This project will provide co-benefits to both the Uncompahgre Valley Water Users Association and the Shavano Conservation District.

This project seeks to investigate the feasibility of the WISSP.

### Related Studies

No Related Studies provided

### Taxpayer Bill of Rights

No Tax Bill of Rights provided