COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Colorado Water Conservation Board

Water Plan

Water Project Summary

Name of Applicant	Arkansas Groundwater and Reservoir Association
Name of Water Project	West Pueblo Bank Restoration
Grant Request Amount	**$246,055.00**
Primary Category	$246,055.00
Agricultural Projects	
Total Applicant Match	**$248,932.00**
Applicant Cash Match	$157,312.00
Applicant In-Kind Match	$91,620.00
Total Other Sources of Funding	**$0.00**
Total Project Cost	**$494,987.00**

Applicant & Grantee Information

Name of Grantee: Arkansas Groundwater and Reservoir Association
Mailing Address: 205 South Main Street Fowler CO 81039

Organization Contact: Daniel Tucker
Position/Title: Water Resources Engineer
Phone: 719-826-2597
Email: dan@agraco.net

Organization Contact - Alternate: Kent Ricken
Position/Title: General Manager
Phone: 7198262597
Email: kent@agraco.net

Grant Management Contact: Daniel Tucker
Position/Title: Water Resources Engineer
Phone: 719-826-2597
Email: dan@agraco.net

Grant Management Contact - Alternate: Kent Ricken
Position/Title: General Manager
Phone: 7198262597
Email: kent@agraco.net

Description of Grantee/Applicant

The Arkansas Groundwater and Reservoir Association (AGRA) is a 501-c12 Not-for-Profit corporation which seeks to develop, manage, and conserve the water resources of the Arkansas River basin, for the purposes of providing augmentation water to replace out-of-priority depletions made to the Arkansas River by well pumping.

Type of Eligible Entity

- ☐ Public (Government)
- ☐ Public (District)
- ☐ Public (Municipality)

- [ ] Ditch Company
- [x] Private Incorporated
- [ ] Private Individual, Partnership, or Sole Proprietor
- [ ] Non-governmental Organization
- [ ] Covered Entity
- [ ] Other

Category of Water Project

- [x] 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	38.260979
Longitude	-104.694548
Lat Long Flag	Stream location: Coordinates based on general location on stream
Water Source	Arkansas River
Basins	Arkansas
Counties	Pueblo
Districts	14-Arkansas: Portland to Fowler

Water Project Overview

Major Water Use Type	Agricultural
Type of Water Project	Construction / Implementation
Scheduled Start Date - Design	
Scheduled Start Date - Construction	12/1/2025

Description

This project is to repair a section of stream bank along the Arkansas River below Pueblo Dam. A malfunctioning fish habitat structure has caused the flow of the river to be diverted laterally towards the bank, causing a significant scour hole to develop. This scour hole, if left unmitigated, will ultimately erode into a lined gravel pit reservoir owned by AGRA, which is currently constructing conveyance infrastructure at the site in order to gain additional storage capacity. Significant damage will result from a breach of the reservoir liner, impacting AGRA's ability to store water for the use by its members, who consist of Arkansas Valley irrigators and municipalities, and potentially causing negative impacts to downstream water rights by a disruption and illicit diversion of the river's flow in the event of a breach.

Measurable Results

	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
1,228	Existing Storage Preserved or Enhanced (acre-feet)
	New Storage Created (acre-feet)
200	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)
1	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

This project is to repair a section of stream bank along the Arkansas River below Pueblo Dam. A malfunctioning fish habitat structure has caused the flow of the river to be diverted laterally towards the bank, causing a significant scour hole to develop. This scour hole, if left unmitigated, will ultimately erode into a lined gravel pit reservoir owned by AGRA, which is currently constructing conveyance infrastructure at the site in order to gain additional storage capacity. Significant damage will result from a breach of the reservoir liner, impacting AGRA's ability to store water for the use by its members, who consist of Arkansas Valley irrigators and municipalities, and potentially causing negative impacts to downstream water rights by a disruption and illicit diversion of the river's flow in the event of a breach.

Related Studies

No Related Studies provided

Taxpayer Bill of Rights

No Tax Bill of Rights provided