



Colorado Water Conservation Board

Water Supply Reserve Fund

Water Project Summary

Name of Applicant	Elbert County Government	
Name of Water Project	Elbert County Water Plan	
Basin Account Request Subtotal		\$45,000.00
Applicant Cash Match		\$45,000.00
Applicant In-Kind Match		\$0.00
Basin Requests		
<i>South Platte</i>		\$45,000.00
Sources of Funding		

Grant Details

Water Project Justification

Applicant & Grantee Information

Name of Grantee: Elbert County Government
Mailing Address: 215 Comanche Street Kiowa CO 80117
FEIN: 846,000,763

Organization Contact: Eric Larson
Position/Title:
Phone: (720) 815-8793

Email: eric.larson@elbertcounty-co.gov

Organization Contact - Alternate: Marc Dettenrieder
Position/Title: Economic Development Manager
Phone: (720) 595-3617

Email: marc.dettenrieder@elbertcounty-co.gov

Grant Management Contact: Eric Larson
Position/Title:
Phone: (720) 815-8793

Email: eric.larson@elbertcounty-co.gov

Grant Management Contact - Alternate: Marc Dettenrieder
Position/Title: Economic Development Manager
Phone: (720) 595-3617

Email: marc.dettenrieder@elbertcounty-co.gov

Agency Information

Agency Type: Other
Current Assessment
Number of Shareholders or Customers
Number of Shares
Number of Taps
Average Monthly Water Bill

Annual Water Delivery (acre-feet)

Description of Grantee/Applicant

No description provided

Location of Water Project

Latitude	39.346900
Longitude	-104.467400
Lat Long Flag	County centroid: Coordinates based on centroid of county boundary
Water Source	Denver Basin Aquifer
Basins	South Platte
Counties	Elbert
Districts	

Water Project Overview

Major Water Use Type

Type of Water Project Planning

Scheduled Start Date - Design 1/1/2023

Scheduled Start Date - Construction

Description

Building on data from the WSRF-funded 2018 Rural Water Supply Study, Elbert County seeks funding to create and implement a county water plan addressing two main areas:

- Validating the continued application of the 300-year water rule for new planned communities and its impact on preservation of existing groundwater supplies.
- Evaluate potential gains in conservation to be made with retrofits of individual well-served households that are unlikely or unwilling to be served by community water systems.

The plan would recognize progress in both areas as integral components of local, regional, and statewide water strategies and propose economically viable solutions that:

- Update land use policy to reflect technological advances in water efficiency for new planned communities and well-served households.
- Move beyond education/outreach into identifying and assisting early adopters, older "original" well/septic systems, and low-income households to acquire and install technologies that enable implementation of household conservation plans.
- Highlight household conservation successes to promote additional installations and connect users with loans, grants, incentives, and other financial assistance.
- Identify individual and household motivations that encourage conservation, including financial rewards and other innovative economic solutions that spread the costs and benefits of conservation within the entire Denver Basin.

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)

21,000 Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning

21,000 Number of Coloradans Impacted by Engagement Activity

Other

For new/future community water (metro district)-served households, the goal is to "baseline" household use at a maximum of 150 gallons per day, and enable progress toward 125 gpd through effective land-use policy and methods proposed within this water plan over a ten-year period. The county's modest goal is to reach 2,000 of our 8,000 individual well-served households to implement conservation methods that save 2,000 gallons/year per household.