

**COLORADO**Colorado Water  
Conservation Board

Department of Natural Resources

## Colorado Water Conservation Board

## Water Plan

## Water Project Summary

Name of Applicant	Town of Hudson	
Name of Water Project	Town of Hudson Water Efficiency Plan Update	
Grant Request Amount		<b>\$48,135.00</b>
Primary Category		\$48,135.00
Conservation & Land Use Planning		
Total Applicant Match		<b>\$16,215.00</b>
Applicant Cash Match		\$8,064.00
Applicant In-Kind Match		\$8,151.00
Total Other Sources of Funding		<b>\$0.00</b>
Total Project Cost		<b>\$64,350.00</b>

## Applicant &amp; Grantee Information

Name of Grantee: Town of Hudson  
Mailing Address: 50 Beech Street Hudson CO 80642

Organization Contact: Bryce Lange  
Position/Title: Town Manager Email: blange@hudsonco.gov  
Phone: 720-961-2028

Organization Contact - Alternate: Jennifer Woods  
Position/Title: Town Planner Email: jwoods@hudsonco.com  
Phone: 970-961-2284

Grant Management Contact: Bryce Lange  
Position/Title: Town Manager Email: blange@hudsonco.gov  
Phone: 720-961-2028

Grant Management Contact - Alternate: Michelle Hatcher  
Position/Title: Water Resource Specialist Email: michelle@clearwatercolorado.com  
Phone: (970) 223-3706

## Description of Grantee/Applicant

Utility - Water utility associated with a municipal government

## 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 40.073590  
 Longitude -104.643020  
 Lat Long Flag Municipal centroid: Coordinates based on centroid of municipal boundary  
 Water Source  
 Basins South Platte  
 Counties Weld  
 Districts 2-South Platte: Denver Gage to Greeley

### Water Project Overview

Major Water Use Type Municipal  
 Type of Water Project Planning  
 Scheduled Start Date - Design 10/1/2025  
 Scheduled Start Date - Construction

#### Description

This grant will be used to update Hudson's 2021 Water Efficiency Plan. Town Council and staff understand the needs and benefits of implementing long-term water efficiency activities. The plan update will include profiling and projecting the needs of Hudson's water supply system and users, a structured process for evaluating and selecting water efficiency activities for implementation, a public review process, and an implementation and monitoring plan to ensure long-term success.

In 2024, the Town's customers utilized approximately 275 (AF) of water. The Town of Hudson is expected to increase its annual water demand through new growth to approximately 357.5 AF of treated water (not including

Non-Revenue water) over the planning period. Water savings from this water conservation planning effort is estimated to save a total of 35.75 AF by 2034. The Town intends to build on the progress made with the 2021 plan with updated data on water usage and water conservation activities to generate these savings.

### 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)  
 Length of Pipe, Canal Built or Improved (linear feet)  
 Efficiency Savings (dollars/year)  
 36 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)  
 1,500 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

Updating the Town of Hudson's WEP supports the goals outlined in Colorado's Water Plan, the South Platte Basin Implementation Plan and the Statewide Water Education Action Plan. A WEP update directly ties in to supporting vibrant communities as outlined in the Colorado Water Plan. An updated WEP helps the Town by "... identifying targets for achieving savings through programmatic efforts, controlling system water loss, integrating with land use planning, and incentivizing sustainable water consumption," which are all focal points in a water conservation plan (p.182).

An updated WEP also supports the South Platte Basin Implementation Plan goal to maintain and promote municipal and industrial conservation and efficiency, specifically Strategy 3.C "Encourage innovation and efficiency improvements". By updating the WEP, Hudson can formally develop efficiency goals based on the latest data and projections, analyze the cost and benefit of efficiency improvements, and gather input from their water users.

The Town of Hudson's WEP update would incorporate components of Outcomes 5 and 7 of the Statewide Water Education Action Plan. The WEP update supports Outcome 5 by encouraging the Town's water users to provide input on the plan and engage with Town staff and Council. The WEP update also supports Outcome 7 by outlining behavior-driven water conservation activities for consideration and implementation.

### Related Studies

No Related Studies provided

### Taxpayer Bill of Rights

No Tax Bill of Rights provided