



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Plan

Water Project Summary

Name of Applicant	Thompson School District
Name of Water Project	Elementary School Landscaping Upgrade
Grant Request Amount	\$133,519.80
Primary Category	\$133,519.80
<i>Conservation & Land Use Planning</i>	
Total Applicant Match	\$112,155.00
<i>Applicant Cash Match</i>	\$91,080.00
<i>Applicant In-Kind Match</i>	\$21,075.00
Total Other Sources of Funding	\$21,500.00
<i>Northern Water</i>	\$21,500.00
Total Project Cost	\$267,174.80

Applicant & Grantee Information

Name of Grantee: Thompson School District
Mailing Address: 800 S Taft Ave Loveland CO 80537

Organization Contact: Melissa Carroll

Position/Title:

Email: melissa.carroll@tsd.org

Phone: 970-613-5380

Grant Management Contact: Melissa Carroll

Position/Title:

Email: melissa.carroll@tsd.org

Phone: 970-613-5380

Description of Grantee/Applicant

No description provided

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 40.383832
 Longitude -105.096408
 Lat Long Flag Default/Proponent headquarters: If the location cannot be defined with flags above, use location of project proponent headquarters
 Water Source Municipal water - Big Thompson River
 Basins South Platte
 Counties Larimer
 Districts 4-Big Thompson River

Water Project Overview

Major Water Use Type Education
 Type of Water Project Construction / Implementation
 Scheduled Start Date - Design
 Scheduled Start Date - Construction 1/1/2025
 Description
 As a continuation of the previous CWCB grant-supported projects in front of Cottonwood Plains Elementary School (CPES) and Winona Elementary School (WES), the Thompson School District (District) seeks to improve landscaping at Berthoud Elementary School (BES), Sarah Milner Elementary School (SMES), and in the rear of WES. The goals of these projects are to reduce the outdoor water demand and provide a showcase of native natural beauty.

Similar to previous projects, the designs promote plant diversity, all-seasons color, and low maintenance landscaping and offer pathways and sitting areas. During school hours, staff will be able to use these spaces as an outdoor learning area to promote student connection to nature, which has been shown to improve learning and well-being. Community events outside of school hours will also be able to use the space to learn about low-water, native landscaping.

The District tracks utilities per site and will look for reduced summer water use from the new landscaping after the first 3 years of the plant establishment period. These sites, with the previous projects, are being used as part of

an ongoing effort to create examples of landscape conversion projects across the District. Further explanation of each site are provided in the scope of work.

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)
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

Thompson School District is the seventeenth largest school district in Colorado, encompassing 362 square miles and serving approximately 15,000 students and over 2,000 employees. The district's territory includes Loveland and Berthoud, plus sections of Fort Collins, Windsor, Johnstown, and unincorporated land in Larimer, Weld, and Boulder counties. On their own, Berthoud Elementary School has a capacity of 580 students, Sarah Milner Elementary School has a capacity of 405 students, and Winona Elementary School has a capacity of 550 students. Each site hosts community activities outside of the regular school hours as well.

Water Project Justification

The Thompson School District spends around \$750,000 a year on potable water every year with over 75% of all water use occurring outdoors during the irrigation season. While there are some necessary irrigated turf areas such as playfields, the District also contains many areas of unnecessary turf areas. These areas provide opportunities to demonstrate to the community the natural beauty available with low-water, native landscaping. Additionally, studies have shown that students have improved academic performance and wellbeing when they are exposed to nature. The three locations included in this application (Berthoud Elementary School, Sarah Milner Elementary School, and Winona Elementary School) are continuations of the previous CWCB grant-supported projects at Cottonwood Plains Elementary School and the front of Winona Elementary School. Success of these projects enables the District to expand its landscaping conversion efforts throughout the community.

Related Studies

No Related Studies provided

Taxpayer Bill of Rights

No Tax Bill of Rights provided