



**Colorado Water Conservation Board**

**Water Plan**

**Water Project Summary**

Name of Applicant	Thompson School District
Name of Water Project	Winona Elementary School Low-water Landscaping Upgrade
Grant Request Amount	<b>\$37,886.50</b>
Primary Category	\$37,886.50
<i>Engagement &amp; Innovation Activities</i>	
Total Applicant Match	<b>\$43,886.50</b>
Applicant Cash Match	\$37,886.50
Applicant In-Kind Match	\$6,000.00
Total Other Sources of Funding	<b>\$0.00</b>
Total Project Cost	<b>\$81,773.00</b>

**Applicant & Grantee Information**

Name of Grantee: Thompson School District  
 Mailing Address: 800 S Taft Ave Loveland CO 80537  
 FEIN: 846,013,346

Organization Contact: John Rowell  
 Position/Title: Project Manager Email: john.rowell@tsd.org  
 Phone: 970-566-2366

Organization Contact - Alternate: Melissa Carroll  
 Position/Title: Email: melissa.carroll@tsd.org  
 Phone: 970-613-5380

Grant Management Contact: John Rowell  
 Position/Title: Project Manager Email: john.rowell@tsd.org  
 Phone: 970-566-2366

**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
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- 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	40.391530
Longitude	-105.054760
Lat Long Flag	
Water Source	
Basins	South Platte
Counties	Larimer
Districts	4-Big Thompson River

### Water Project Overview

Major Water Use Type	Education
Type of Water Project	Education
Scheduled Start Date - Design	
Scheduled Start Date - Construction	

#### Description

Winona Elementary School seeks to improve approximately 12,000 square feet of area in the front of the school with low-water, native landscaping where 3 modular classrooms were recently removed. The area is currently protected with erosion mats. This area has high visibility from Boise Ave - a frequently used road in Loveland - and is often used for community events beyond the normal school schedule, making it an ideal location for building awareness of low-water, native landscaping opportunities throughout the community.

The goals of this project are to reduce the outdoor water demand of the school and to provide a showcase to the community of the potential natural beauty available through low-water, native landscaping. The design was developed by adjusting the recent Cottonwood Plains Elementary School landscaping project provided by Denver Botanic Gardens to accommodate the full sun area. Similar to Cottonwood Plains Elementary School, the design promotes plant diversity, all-seasons color, and low maintenance landscaping and offers pathways and sitting areas throughout the space. The Thompson School District intends to use this site in addition to the recent

Cottonwood Plains Elementary School project as an example for landscape conversion projects across the District. During regular school hours, staff will be able to use this space as an outdoor learning area to promote student connections to nature. Community events that occur outside of regular school hours will also be able to use the space to learn about opportunities for low-water, native landscaping.

This project will also reduce water use on-site and for the district as a whole by utilizing low-water, native plants with drip irrigation rather than Kentucky Bluegrass with traditional sprinklers. The new landscaping should result in reduced labor and maintenance costs of the Grounds department and a reduction of over 300 kgal of water each year. The District tracks utility use per site and will look for summer water use reduction impacts from the new landscaping as part of the annual utility review. After the first 3 years of the plant establishment period, the District will anticipate a reduction in water use and water needs at this site.

### 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

No additional measurable results provided

### Water Project Justification

The Colorado Water Plan focuses on efficiently using water for long-term sustainability under various scenarios and across all water users. This includes both systematic changes through infrastructure and technology improvements as well as behavioral changes through outreach and education. The basin roundtables have specific goals and strategies to support the Colorado Water Plan on a watershed basin scale. The Cottonwood Plains Elementary School (CPES) landscape project is in alignment with the Colorado Water Plan and the South Platte River Basin Roundtable goals for long-term water reduction through the permanent replacement of high water-using turf with low water-using native landscaping. By providing funding to the Thompson School District (District) for this project, the basin is fulfilling its first goal of encouraging implementation of projects, since funding is critical to make something like this happen. This project also supports the basin's third goal of maintaining and promoting municipal and industrial conservation and efficiency, since CPES uses municipal water for irrigation and would be conserving water with the updated landscaping. Additionally, this project is intended to promote and demonstrate the natural beauty available through low water use landscaping. Overall, this project educates the community about the benefits, importance, and possibilities of low water use landscaping for long-term water conservation and efficiency.

### Related Studies

No Related Studies provided

**Taxpayer Bill of Rights**

No Tax Bill of Rights provided