COLORADO
Colorado Water Conservation Board
Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund - Statewide & Basin

Water Project Summary

Name of Applicant	Grand Junction, City of	
Name of Water Project	Juniata Enlarged Ditch Piping/Lining	
Basin Account Request Subtotal		$32,000.00
Statewide Request Amount		$68,000.00
Statewide Project Category		Aging Infrastructure
Applicant Cash Match		$40,000.00
Applicant In-Kind Match		$0.00
Basin Requests		
Gunnison		$32,000.00
Sources of Funding		
Bureau of Reclamation		$160,000.00
Colorado River District		$20,000.00

Grant Details

Statewide Project Category Justification

The Juniata Enlarged Ditch Piping/Lining Project would rehabilitate the existing diversion ditch thereby enhancing the conveyance capacity and strengthening the water supply for both municipal and agricultural users.

Applicant & Grantee Information

Name of Grantee: Grand Junction, City of
Mailing Address: 250 N. 5th Street Grand Junction CO 81501

Organization Contact: Randi Kim
Position/Title: Utilities Director
Phone: 970-244-1492
Email: randik@gjcity.org

Organization Contact - Alternate: Mark Ritterbush
Position/Title: Water Services Manager
Phone: 970-256-4185
Email: markri@gjcity.org

Grant Management Contact: Randi Kim
Position/Title: Utilities Director
Phone: 970-244-1492
Email: randik@gjcity.org

Description of Grantee/Applicant

City of Grand Junction Water Utility

Location of Water Project

Latitude	40.764800
Longitude	-73.980800
Lat Long Flag	Ditch diversion structure location: Coordinates based on ditch's diversion structure
Water Source	Kannah Creek
Basins	Gunnison
Counties	Mesa
Districts	42-Lower Gunnison River

Water Project Overview

Major Water Use Type	Agricultural
Type of Water Project	Design / Engineering
Scheduled Start Date - Design	3/1/2026
Scheduled Start Date - Construction	

Description

The City is proposing to develop final engineering plans for piping/lining the Juniata Enlarged Ditch.

The Juniata Enlarged Ditch can divert up to 129 cubic feet per second (cfs) from Kannah Creek. The ditch is approximately 2.3 miles long and conveys water to the Juniata Reservoir. Stored water in the reservoir is then conveyed via pipeline to the City's treatment and distribution system for delivery to municipal water users within the Grand Junction Water Service Area. In addition, the Juniata Enlarged Ditch conveys water to the Juniata Ditch, which provides irrigation supplies to several agricultural water users.

Historical diversions since 2000 through the Juniata Enlarged Ditch average about 4,750 acre-feet per year, of which about 3,040 acre-feet per year is conveyed to agricultural users and 1,710 acre-feet is conveyed to the Juniata Reservoir for municipal water supply.

The proposed project would conduct preliminary project planning and design tasks to reach final design. This includes initial data gathering and surveying, as well as an alternatives analysis to evaluate hydraulics for diverse pipe types and sizes, shotcrete lining, and potential alignment changes to identify the most cost-efficient design. Following the alternatives analysis, the project would develop final design construction plans, a revegetation plan, a basis of design document detailing design criteria and justifications, construction cost estimates, and a detailed project schedule with key milestones. The project would also conduct permitting research to determine necessary construction permits, as well as an evaluation of potential grant opportunities to address environmental or cultural consultations. The City would hire an engineering firm to provide these services.

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)
12,144.00	Length of Pipe, Canal Built or Improved (linear feet)
	Efficiency Savings (dollars/year)
1,420	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)
30,000	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