



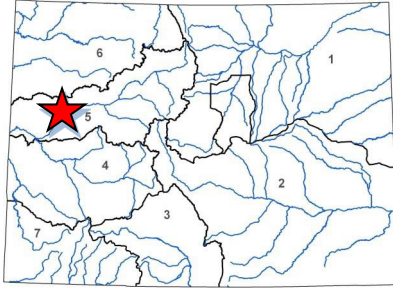
Government Highline Canal UL-18 Lining Project

Grand Valley Water Users Association

March 2023 Board Meeting

Water Plan Grant Application

Lat: 39.171071
Long: -108.606115



LOCATION

County: Mesa
Drainage Basin: Colorado

DETAILS

Total Project Cost:	\$1,600,080
Water Plan Grant Request:	\$800,080
Recommended Amount:	\$600,000
Other CWCB Funding:	\$0
Other Funding Amount:	\$800,000
Applicant Match:	\$0
Project Type:	Construction
Project Category:	Agricultural
Measurable Result:	764 ac-ft Efficiency Savings annually

The project will use Water Plan Grant (WPG) and previously allocated Bureau of Reclamation Salinity Control Program funds to line 1,660 feet of the UL-18 segment of the Government Highline Canal (GHC). This project is a continuation of Grand Valley Water User Associations (GVWUA) efforts to improve conveyance efficiency, reduce salinity loading in the Colorado River and improve flows in the 15 Mile Reach of critical habitat for endangered fish. The Government Highline Canal is a 55-mile canal that begins in DeBeque Canyon and conveys irrigation water for the GVWUA and three other irrigation districts.



GVWUA has been awarded several CWCB grants and loans, including 2016 loan/WSRF/Statewide fund package to replace the first 500 ft of canal.

The lining of this segment is estimated to reduce seepage by approximately 764 ac-ft/year. The main benefit of the reduced seepage will be improved efficiency and conveyance of irrigation water. Increasing the efficiency of conveyance could result in reduced depletion of Green Mountain Reservoir. During years of a surplus declaration, the water saved through efficiency improvements could

also benefit the flows in the 15-mile reach. Other benefits of the project include improved public safety due to concerns about a potential canal breach in the Paradise Hills neighborhood in Grand Junction, CO.

Water Plan Support: Robust Agriculture- Conveyance Efficiency, Vibrant Communities- Optimize Infrastructure, Thriving Watersheds- Enhanced Streamflow; *BIP IPP*-Comprehensive Grand Valley canal lining: Government Highline Canal; *GVWUA*-2022 System Optimization review

WPG Request: 50%

Matching Funds: BOR \$800,000. This project will leverage utilization of expiring Salinity Control Funds on a preidentified "shelf-ready" project. The costs associated with Tasks 1, 2 and 3 (Project Design, NEPA, Habitat Replacement) have been completed using Salinity Funds and save \$167,000 of the original project application. (Matching funds revised with applicant to \$600,000 based on GVWUA BOR fund balance.)

Funding Recommendation: Staff recommends Board approval of \$600,000 to the Grand Valley Water Users Association for the Government Highline Canal UL-18 Lining Project through Agriculture category. The reduced amount is recommended due to the limitations of funding available this cycle. The scope of work will be modified with agreement of applicant to complete lining 1,400 feet instead of 1,660 feet of canal and requires 50:50 match from applicant (Total Project Cost \$1,200,000).



Colorado Water Conservation Board

Water Plan

Water Project Summary

Name of Applicant	Grand Valley Water Users Association
Name of Water Project	Government Highline Canal UL-18 Lining Project
Grant Request Amount	\$800,080.00
Primary Category	\$800,080.00
<i>Agricultural Projects</i>	
Total Applicant Match	\$0.00
<i>Applicant Cash Match</i>	\$0.00
<i>Applicant In-Kind Match</i>	\$0.00
Total Other Sources of Funding	\$800,000.00
<i>United States Bureau of Reclamation</i>	\$800,000.00
Total Project Cost	\$1,600,080.00

Applicant & Grantee Information

Name of Grantee: Grand Valley Water Users Association
Mailing Address: 1147 24 Road Grand Junction CO 81505-9639
FEIN: 840,402,700

Organization Contact: Tina Bergonzini
Position/Title: General Manager Email: tbergonzini@gvwua.com
Phone: 970-242-5065

Organization Contact - Alternate: Luke Gingerich
Position/Title: Western Colorado Area Manager Email: lgingerich@jub.com
Phone: 9704626868

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 39.171071
 Longitude -108.606115
 Lat Long Flag Default/Proponent headquarters: If the location cannot be defined with flags above, use location of project proponent headquarters
 Water Source Colorado River
 Basins Colorado
 Counties Mesa
 Districts 72-Lower Colorado River

Water Project Overview

Major Water Use Type Agricultural
 Type of Water Project Design & Construction
 Scheduled Start Date - Design 10/15/2023
 Scheduled Start Date - Construction 11/15/2024
 Description
 The proposed project would line 1,660 feet of the UL-18 segment of the GHC and represents a continuation of GVVUAs efforts to improve conveyance efficiency, reduce salinity loading in the Colorado River and improve flows in the 15 Mile Reach of critical habitat for endangered fish.

Measurable Results

0 New Storage Created (acre-feet)
 0 New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
 764 Existing Storage Preserved or Enhanced (acre-feet)
 0 New Storage Created (acre-feet)
 79,200 Length of Stream Restored or Protected (linear feet)
 \$0 Efficiency Savings (dollars/year)
 764 Efficiency Savings (acre-feet/year)
 2 Area of Restored or Preserved Habitat (acres)

0	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
44,000	Number of Coloradans Impacted by Engagement Activity
Other	
No additional measurable results provided	

Water Project Justification
The proposed project would line 1,660 feet of the UL-18 segment of the GHC and represents a continuation of GVVUAs efforts to improve conveyance efficiency, reduce salinity loading in the Colorado River and improve flows in the 15 Mile Reach of critical habitat for endangered fish.

Related Studies
2022 System Optimization review
2017 Water Management Plan

Taxpayer Bill of Rights
No