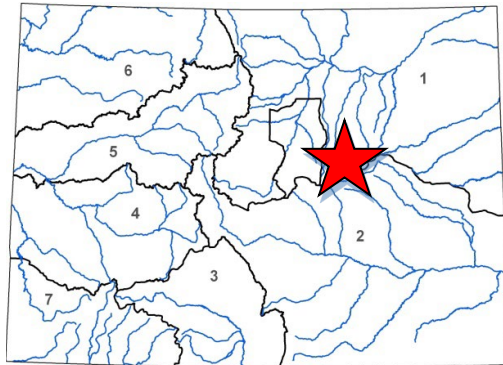




September 2023 Board Meeting

## Water Plan Grant Application



### LOCATION

County: Arapahoe  
Drainage Basin: South Platte

### DETAILS

Total Project Cost:	\$14,500,000.00
Water Plan Grant Request:	\$500,000.00
Recommended amount:	\$500,000.00
Other CWCB Funding:	\$0
Other Funding Amount:	\$8,932,382.00
Applicant Match:	\$5,067,618.00
Project Type:	Construction/Implementation
Project Category:	Watershed Health & Recreation
Measurable Results: 2,500 feet of Stream Restored or Protected; 6 acres of Restored or Preserved Habitat; 13 new rapid features that include fish passage and habitat channels	

Mile High Flood District (MHFD) is requesting funding to complete a river restoration project on the South Platte River at Reynolds Landing in Littleton, Colorado. The need for this project was identified in the Arapahoe County South Platte Working Group long term implementation plan. It is a multi-purpose project, located within the CWCB-owned right of way, and is anticipated to improve river resiliency, safety, quality of experience for recreational users, connection of people to the natural environment and local park, and restoration and habitats while maintaining flood protection for surrounding communities. Specifically, this funding will support in-river improvements. MHFD plans to work within the existing river corridor, generally within the top of bank. It includes removal of the existing in river grade control structure and boat ramps, earthwork, installation of new grade control structures that include recreational features like rapids and habitat channels, bank stabilization, imported river cobble bed material and other fish habitat structures such as a lunker structure. Other project tasks MHFD is not seeking funding for include upland multi-use improvements, planting and irrigation, and parking improvements.



Match funding will be provided by MHFD, City of Littleton, South Suburban Park and Rec District, Non-Profit Foundation, and Great Outdoors Colorado.

**Funding Recommendation:** This project is recommended for full funding of the \$500,000.00 requested.

**COLORADO**Colorado Water  
Conservation Board

Department of Natural Resources

## Colorado Water Conservation Board

**Water Plan****Water Project Summary**

Name of Applicant	Mile High Flood District
Name of Water Project	South Platte River at Reynolds Landing
Grant Request Amount	<b>\$500,000.00</b>
Primary Category	\$500,000.00
<i>Watershed Health &amp; Recreation</i>	
Total Applicant Match	<b>\$5,067,618.00</b>
<i>Applicant Cash Match</i>	\$5,067,618.00
<i>Applicant In-Kind Match</i>	\$0.00
Total Other Sources of Funding	<b>\$8,932,382.00</b>
<i>Arapahoe County</i>	\$2,996,863.00
<i>South Suburban Park and Rec District</i>	\$1,118,712.00
<i>Non-Profit Foundation</i>	\$1,538,230.00
<i>Great Outdoors Colorado</i>	\$699,195.00
<i>City of Littleton</i>	\$2,579,382.00
Total Project Cost	<b>\$14,500,000.00</b>

**Applicant & Grantee Information**

Name of Grantee: Mile High Flood District	
Mailing Address: 2480 W. 26th Ave Suite 156-B Denver CO 80211	
FEIN: 840,599,780	
Organization Contact: Dave Skuodas	
Position/Title: Design, Construction & Maintenance Director	Email: dskuodas@mhfd.org
Phone: 303-455-6277	
Organization Contact - Alternate: Laura Kroeger	
Position/Title: Executive Director	Email: lkroeger@mhfd.org
Phone: 3034556277	
Grant Management Contact: Dave Skuodas	
Position/Title: Design, Construction & Maintenance Director	Email: dskuodas@mhfd.org
Phone: 303-455-6277	
Grant Management Contact - Alternate: Laura Kroeger	
Position/Title: Executive Director	Email: lkroeger@mhfd.org
Phone: 3034556277	

**Description of Grantee/Applicant**

The Mile High Flood District offers numerous services that cover flood management, stream mitigation, stormwater, research and more. Since 1969, MHFD has been designing and building effective flood control and warning measures, open spaces, and regional paths, as well as removing trash and debris in local streams with a mission and vision of protecting people, property, and the environment.

#### 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	39.595236
Longitude	-105.028967
Lat Long Flag	Stream location: Coordinates based on general location on stream
Water Source	South Platte River
Basins	South Platte
Counties	Arapahoe
Districts	8-South Platte Cheesman to Denver Gage

#### Water Project Overview

Major Water Use Type	Environmental
Type of Water Project	Construction / Implementation
Scheduled Start Date - Design	1/1/2021

Scheduled Start Date - Construction

12/4/2023

#### Description

Reynolds Landing Park is a multi-purpose project which improves the following—river resiliency, safety, quality of experience for recreational users, connection of people to the natural environment and local park, restoration and habitats while maintaining flood protection for surrounding communities. The project is approximately 2,500 LF along the South Platte River in the City of Littleton in Arapahoe County, Colorado and includes 13 proposed rapid features. The identified project goals are:

- Maintain Flood Conveyance. Maintain the flood protection authorized purpose of the original USACE design.
- Connect the community to the river and nature.
- River restoration, improve the natural function and health of the river, increase channel sinuosity, create wetland and riparian habitat areas, reintroduce diverse vegetation,) and narrowed/deepened low flow channel.
- Trails and reduce conflicts.
- Improve fish passage and aquatic habitats.
- Diverse recreation (Fishing, kayaking, tubing, and other waterplay activities)
- River access for a variety of users and physical capabilities
- Promote economic development.

#### 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)
2,500	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)
6	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	
	13 new rapid features that include fish passage and habitat channels
	Upland park improvements
	Improved safety to the Mary Carter Greenway Trail by moving it away from the river's edge
	Expanded parking lots

#### Water Project Justification

This project aligns almost perfectly with Water Plan goals related to watershed health. Page 204 of the Water Plan talks about the "Colorado Vision for Thriving Watersheds" including mention of "larger, landscape scale watershed restoration projects and multi-benefit projects that meet the needs of many water users as well as the environment." The Water Plan goes on to mention the importance of habitat, reduced erosion, recreation, fish passage, and access to recreational opportunities. The goals of the Reynolds Landing project are:

- Maintain Flood Conveyance. Maintain the flood protection authorized purpose of the original USACE design.
- Connect the community to the river and nature.
- River restoration, improve the natural function and health of the river, increase channel sinuosity, create wetland and riparian habitat areas, reintroduce diverse vegetation,) and narrowed/deepened low flow channel.
- Trails and reduce conflicts.

- Improve fish passage and aquatic habitats.
- Diverse recreation (Fishing, kayaking, tubing, and other waterplay activities)
- River access for a variety of users and physical capabilities
- Promote economic development.

#### Related Studies

The Arapahoe County South Platte Working Group prepared a long term implementation plan to depict the series of projects over time that the various stakeholders would like to implement. It includes the Reynolds Landing project and is very congruent with watershed health goals in the Water Plan.

#### Taxpayer Bill of Rights

We have successfully "de-bruced" and shouldn't have any issues with TABOR