



## Drinking Water Eligibility Survey

### Please select the purpose of this survey form:

- A. Create a new listing ☐ This option is automatically selected if the selected system/facility is not currently listed on the 2021 Project Eligibility List. This survey will be used to identify all 20-year capital improvement needs and will generate a new listing for inclusion on the 2022 Project Eligibility List.
- B. Update an existing listing (This option is automatically selected by default if the identified system/facility is currently listed on the 2021 Project Eligibility List. Please Select from the following options.)
- No Change ☐ The 2021 capital improvement needs previously selected are current and correct and no changes are required. These needs and estimated project costs should be carried over to the 2022 Project Eligibility List unchanged. Note: by selecting "No Changes" the capital improvement needs section below has been disabled to ensure changes are not made to the listing. Updates to all other sections of this survey are welcome and are encouraged.
- Update ☒ The capital improvement needs previously selected require updates prior to inclusion on the 2022 Project Eligibility List. Please update any existing responses below as necessary and be certain all potential capital improvement needs for your system are selected. Note: any items not selected will not be included in the project description and would not be eligible for funding in 2022.
- Remove ☐ The capital improvement needs currently selected on this survey and listed on the 2021 Project Eligibility List are no longer required and the project(s) should be removed. Note: by selecting this option, the above community/system will not be included on the 2022 Project Eligibility List, and no funding will be made available for capital improvement projects in 2022.

PWSID (Public Water System ID) No:	Specify PWSID:	CO0207504	
Entity Type:	Private, nonprofit	Specify Other:	
Owner/Entity:	Meadow Mountain Water Supply Company		
Mailing Address 1	PO Box 162	Mailing Address 2:	137 Meadow Mountain Drive
City:	Allenspark	State:	CO
Latitude :	39.7517291	Longitude :	-104.992107
<input type="checkbox"/> The above address has changed and needs to be updated. Enter new address below.			
Address Line 1	Address Line 2		
City:		State:	
Population Served	80	Project County	Boulder
System Ownership Type:			
<input type="checkbox"/> Governmental <input checked="" type="checkbox"/> Private, Not for Profit			

### Primary contact person for this system

Name:	Rachel Barkworth	Title:	Board Member - Plant Supervisor
Phone Number:	303-823-2318	E-mail:	rcbarkworth@yahoo.com

**Person completing form, if different from above**

Name:	Rachel Barkworth	Title:	Board Member, VP and Plant Manager
Phone Number:	303-823-2318	E-mail:	rcbarkworth@yahoo.com

**Executive Summary:**

Provide a brief description of the proposed needs or projects

Construction or Rehabilitation of Distribution and/or Transmission Lines; Water Supply Facilities, expansion of clear well tanks and the development of backup distribution line to connect to neighboring water system (Allenspark Water Sanitation District) in the event of emergency supply for either system.

**Background Information: Drinking Water Quality, Public Health, Financials, Project Schedule**

Existing or anticipated water quality or public health problem(s); check all that apply:

- ☐ Project addresses a documented waterborne disease outbreak associated with the system within the last 24 months.

Project(s) correct or prevent violations of MCLs (primary standards) of any of the following or other regulated or emerging contaminants:

- ☐ Nitrate, nitrite, TCR
- ☐ Total trihalomethanes, total haloacetic acids
- ☐ Arsenic, selenium
- ☐ Other regulated contaminants or other emerging contaminants (e.g. PFAS), check this box and describe below.

Proposed improvements will:

- ☐ correct inadequate treatment techniques that are unable to satisfy the requirements for Surface Water, GWUDI, or Groundwater
- ☐ corrects or prevents exceedances of MCLs for radionuclides.
- ☐ corrects exceedances of secondary drinking water standards

Project(s) will correct or prevent:

- ☐ Inadequate distribution due to system deterioration (e.g., experiencing multiple line breakages).
- ☒ Inadequate distribution due to chronic low pressure
- ☒ Inadequate storage
- ☐ Demand exceeding design capacity

Is this system/facility under an enforcement order (E.O.) or on a compliance schedule?

☐ Yes

☒ No

Description of violation or cause for enforcement:

- ☐ Project(s) proposed for this system/facility are voluntary efforts to resolve possible violations and will mitigate the issuance of a consent order, notice of violation, or other enforcement action.

- ☐ Project(s) are needed to maintain compliance with Colorado Primary Drinking Water Regulations (CPDWR) or to meet new requirements
- ☒ This system is currently meeting all CPDWR's
- ☐ Check this box if the system anticipates the need to replace Lead Service Lines (LSL).

Median Household Income: please select the range that most accurately reflects the MHI for the service area of the community

- ☐ Less than or equal to 80% of State MHI [ \$57,854 - \$0 ]
- ☒ Between 81% and 100% of State MHI [ \$57,865 - \$72,331 ]
- ☐ Greater than 100% of State MHI [ > \$72,331 ]

State of Colorado estimated MHI of \$72,331:

Reference: American Community Survey data for 2015-2019;

Source: <https://www.census.gov/acs/www/>

Additional map resources: <http://dola.colorado.gov/gis-cms/content/map-gallery>

Is the system planning on financing any infrastructure improvement needs with sources other than DWRF?

Does the System intend to finance any infrastructure improvement needs through the DWRF within the next 12-18 months?

Has a Project Needs Assessment (PNA), Preliminary Engineering Report (PER) or other comprehensive planning document been developed for these improvements?

Describe the type of document that has been developed?

A BDR for clear well expansion project

What is your earliest anticipated construction start date? (MM/YYYY, If unknown or no date established, please enter "Unknown" or "TBD")

07/2020

## Capital Improvement Needs

Check each box that applies to the system's 20-year capital improvement needs, existing or anticipated, and provide an estimated cost for each component.

		Estimated Cost
<input type="checkbox"/>	Construction of a new water treatment facility.	\$
<input type="checkbox"/>	Improvement or expansion of existing water treatment plant.	\$
<input type="checkbox"/>	Consolidation of water treatment facilities that includes the abandonment of one (or more) water treatment facility and connection to an existing or new facility.	\$
<input type="checkbox"/>	Connection of an area served by individual wells, to a new or existing water treatment plant.	\$
<input checked="" type="checkbox"/>	Construction or rehabilitation of distribution and/or transmission lines, including water pump stations for maintaining pressure (without booster chlorination).	\$ 3,500,000.00
<input checked="" type="checkbox"/>	Water storage facilities: new, or improvements to, treated/finished water storage tanks. Raw water storage and associated infrastructure is not eligible.	\$ 200,000.00
<input checked="" type="checkbox"/>	Water supply facilities. Examples include but are not limited to: source water wells, well improvements, surface water intakes.	\$ 80,000.00
<input type="checkbox"/>	Water Rights: acquisition or purchase of. Must address public health protection objectives of the Safe Drinking Water Act, providing existing population with rights to reliable, safe drinking water supplies (not for population growth).	\$
<input type="checkbox"/>	Water meters.	\$
<input type="checkbox"/>	Source water protection: identification and implementation of Best Management Practices; may include Land Acquisition; project establishes protective zones; project addresses vulnerabilities; Forest Health (New), etc.	\$
<input type="checkbox"/>	Green Infrastructure: water or energy efficiency improvements, or other environmentally innovative projects. (Please describe your green project below.).	\$

	Grand Total – all items checked above:	\$	3,780,000.00
--	--	----	--------------

The above capital improvement activities, and associated appurtenance, are considered eligible for funding through the Drinking Water Revolving Fund program. For a listing of ineligible activities, please refer to the 2018 DWRF Intended Use Plan, which can be accessed from the Grants and Loans Unit website at: <https://www.colorado.gov/pacific/cdphe/wq-low-interest-loans>.

**Additional comments:** in the following section, describe any existing, anticipated water quality, or public health problems related to infrastructure improvements for the community/system. You may also use this section to provide additional project specific information not already provided elsewhere. Please limit to 2,000 characters or less.

During winter months, due to freezing of the distribution system pipes we are experiencing deterioration of water quality with turbidity caused by breakdown of tubercules in the pipes, we are also experiencing some loss of pressure at some home locations. The water plant runs continuously to provide water and the current clear well does not have sufficient capacity to supply water operations in emergency situations, the supply will only support demand for 1.5 to 2 hours during winter operations, and this causes issues if maintenance has to occur, it allows only 2 hours to fix an issue if it occurs. So additional clear well capacity will provide more time to resolve issues at the water plant during winter conditions. Our Engineers have developed initial PER and BDR for the Clear Well Expansion project and this has just been approved by CDPHE on 06/24/2020. We are starting to plan emergency distribution system links to neighboring Allenspark Water & Sanitation District for use by either water system in the event of an emergency, such as the devastating wildland fires experienced in 2020.