

# CENTENNIAL

## WATER AND SANITATION DISTRICT

November 19, 2021

Lauren Pulver  
Public Policy Analyst  
Douglas County Department of Community Development  
100 Third Street  
Castle Rock, CO 80104  
Email: [lpulver@douglas.co.us](mailto:lpulver@douglas.co.us)

Re: Letter of Interest – Douglas County American Rescue Plan Act (ARPA) Allocation

Dear Ms. Pulver,

This letter is to inform Douglas County of Centennial Water and Sanitation District's (Centennial) interest in receiving funds from Douglas County's allocation of the ARPA.

Centennial provides water and wastewater services to the community of Highlands Ranch and other neighboring residential areas in northwest Douglas County through intergovernmental agreements with the Highlands Ranch Metro District, Northern Douglas County Water and Sanitation District, Mirabelle Metropolitan District, and a portion Roxborough Water. The entire service area is approximately 22 square miles, and has a population of over 100,000 residents. Over the past 30 plus years, surface water has comprised an average of 85 percent of Centennial's water supply. Beginning in 2022, Centennial will begin the first phase of improvements to the Joseph Blake Water Treatment Plant (JBWTP), which treats all surface water delivered to Centennial customers.

The JBWTP, located in Highlands Ranch, was constructed in 1986 with an initial treatment capacity of 16 million gallons per day (mgd), and later expanded to its current rating of 40 mgd. Water quality challenges have limited plant production to 26 mgd or less during seasonal algae blooms in supply reservoirs. In order to reach and maintain the rated production, a utility plan was created to identify limitations and outline improvements needed to improve treatment capacity and redundancy. The result is a multi-phase approach, starting with improvements to the Pretreatment process (Phase 1A). Phase 1A is scheduled to begin in early 2022 and be operational in early 2024 at an estimated cost of \$21M. Phase 1B, the subject of this letter, is scheduled to continue moving forward with design in 2023.

The Phase 1B project will include a new standalone chemical feed building at the JBWTP. The new chemical storage and feed system will be a critical component of the Phase 1B improvements project to address the limitations associated with the existing chemical systems at JBWTP. The new chemical building will provide a central storage facility for chemicals that are critical to the treatment of



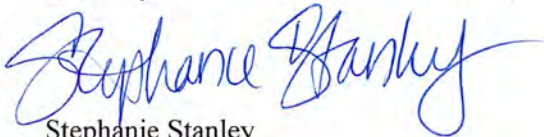
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Centennial's surface water supply. The current storage capacity is limited requiring frequent deliveries, and the new facility will increase the storage capacity, especially for high-use chemicals and allow for needed storage during irrigation season. The facility will provide improvements to the operation and maintenance of the chemical systems, and improve safety for plant operators and the surrounding community. Additional components of the Phase 1B project include upgraded electrical, instrumentation and controls, and site improvements. The design of the Phase 1B Improvements is currently at 30 percent completion. The District intends to advance the design of Phase 1B in 2023, and begin construction in 2024. The construction period for Phase 1B is estimated to be 18 – 20 months. The estimated total construction cost for Phase 1B is \$40M.

Centennial Water and Sanitation District appreciates the opportunity to submit this letter of interest to Douglas County to partially fund the Joseph Blake Water Treatment Plant – Phase 1B Improvements through the American Rescue Plan Act. We believe our project meets the goals and provisions of the ARPA and is worthy of your consideration. We look forward to working with you and providing additional information as you move forward through this process.

Sincerely,



Stephanie Stanley  
Acting General Manager