



March 12, 2021

Dear CPNMD Directors & Customers,

Thank you for the opportunity to address questions about the quality and sources of PWSD's drinking water supplies.

Drinking water is among the most highly regulated commodities in Colorado and throughout the United States. The drinking water PWSD supplies to its 17,500 customers meets all the same federal and state health and safety requirements as the drinking water CPNMD supplies to its 3,500 customers.

If CPNMD voters approve the proposed inclusion, then the interconnect pipeline between PWSD and CPNMD would be completed between 2024 and 2026. *At least until the new interconnect pipeline is operational, both systems would continue relying on their existing water supplies. In other words, at least in the short term, PWSD and CPNMD customers would continue relying on the same water sources each currently does:*

- From October 1st through April 30th of each year, CPNMD customers would continue relying on the water in Chatfield Reservoir that travels through the Centennial water-treatment system, through CPNMD's existing interconnect pipeline, and into CPNMD's water-distribution system and homes.
- From May 1st through September 30th of each year, CPNMD customers would continue relying on deep-water wells in the Denver Basin Aquifer System.
- PWSD has multiple water sources in its portfolio, including the Water Infrastructure & Supply Efficiency (WISE) partnership, Cherry Creek, Newlin Gulch, and the Denver Basin Aquifer. How and when PWSD will pull from those sources will depend on multiple factors, including season, daily water demand, and drought conditions.

PWSD treats its water in various ways depending on the source. Groundwater from the Denver Basin Aquifer meets primary drinking water standards when pulled from the ground. However, PWSD treats aquifer water for iron and manganese and applies a disinfectant before sending it through PWSD's distribution system. Though currently unfiltered, PWSD is in the process of installing filters in all PWSD well houses, a project scheduled for completion in 2026. The new filters will address the slightly discolored water PWSD's system sometimes experiences when naturally occurring iron in the water oxidizes and develops a subtle reddish hue. Though the discoloration is temporary and does not affect drinking water's safety, PWSD is addressing the aesthetic issue on behalf of its customers.

PWSD stores its Cherry Creek and Newlin Gulch surface water resources in Rueter-Hess Reservoir. PWSD treats water from both sources at its Rueter-Hess Water Purification Facility, a state-of-the-art plant using ceramic membrane filters that removes particles down to 0.1 microns in size.

Using its Binny Water Treatment Plant, the City of Aurora treats PWSD's surface water originating from PWSD's participation in the WISE partnership.

PWSD collects and analyzes sixty different drinking water samples for bacteria each month. Additionally, based on the Colorado Department of Public Health & Environment's (CDPHE's) monitoring schedule, PWSD analyzes water samples from each water-supply source for organic, inorganic, and radiological constituents.

Aside from the fact that all PWSD's customers enjoy safe, reliable drinking water that meets or exceeds rigorous state and federal standards, PWSD's employees are highly trained, state-certified, and dedicated to providing customers high-quality drinking water.

Please contact us with additional inclusion-related questions.

Sincerely ,

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