

# **PUREWATER COLORADO DEMONSTRATION** A look at the science behind Direct Potable Reuse

#### Water supply in Colorado

Colorado is one of the driest states in the U.S. It is critical to start planning new ways to meet future water demands, especially amid a quickly growing population, limited local water supplies and the impacts of a variable climate.

### **Innovation for Colorado's future**

The PureWater Colorado Demonstration project uses advanced treatment technologies to produce safe, reliable and sustainable drinking water. This purified water is locally controlled and may be a wise way to manage our water resources in the most effective manner.

The project aligns with Colorado Springs Utilities' commitment to environmental stewardship and reuse of our water supplies. What we learn will help us continue to plan for and provide cost-effective, reliable, good quality water for our customers.



Take a PureWater Colorado Mobile Demonstration tour csu.org/Pages/DirectPotableReuse.aspx



## The water purification process

Purified water begins with water that's been used in the community and cleaned at a water reclamation facility. The water purification process used by the PureWater Colorado Mobile Demonstration is a multi-barrier approach of consecutive treatment steps that work together to remove or destroy contaminants. The process includes water quality monitoring and safeguards to ensure the produced water is safe to drink.



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