



BEING WISE ABOUT WATER

ParkerWater & SANITATION DISTRICT

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[Parker Water & Sanitation District Facebook](#)

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Project Components:

- 13 miles of underground pipe
- 3 centralized disinfection facilities
- 1 new pump station
- Disinfectant conversion

Communities Served:

- Parker Water District Customers
- Partnering Regional Water Providers

Construction Timeline:

- June 2017 – August 2018

The Parker Water and Sanitation District (District) and regional water providers have joined forces to supply customers with more water while minimizing the need to develop extensive new infrastructure and obtain water rights. The water will come through WISE, which stands for **Water Infrastructure and Supply Efficiency** Project. WISE is a partnership with Aurora Water, Denver Water, and the South Metro Water Supply Authority, of which the District is a member.

This innovative agreement will provide our customer's with more renewable water and reduce our reliance on non-renewable groundwater. WISE water promotes the District's commitment to be regional, reliable and renewable and ensure long-term water security for our customers in a cost-effective manner.

How WISE Works

WISE provides us a new supply of water by combining excess capacity in Aurora Water's Prairie Waters Project with unused water supplies from Denver and Aurora. After the 2002 drought, Aurora Water, one of the largest water providers in the state, built the Prairie Waters System, to supply additional water from the South Platte River. The \$653 million project began operating in 2010.

Such a massive project required an immense amount of infrastructure and cost. WISE allows regional providers to share in the use and costs of the system. Building a system like this would be cost prohibitive for smaller water providers.

Through WISE, excess water from both Aurora Water and Denver Water will be transported through the Prairie Waters System for participating entities. Deliveries of WISE water will begin in spring 2018.

WISE water will be:

- Transported through the 4-mile Ridgeway Pipeline to Parker
- Starting deliveries in spring 2018
- Distributed by Parker Water District to the Pinery, Town of Castle Rock, and Dominion

Changes to Our System

To bring WISE water into our system, we must first make our existing water system and our disinfection process compatible with WISE water. WISE water is disinfected using monochloramine, which is an effective affordable and longer-lasting water disinfectant. Denver, Aurora and Castle Rock already use this disinfection method. To make our water consistent with WISE water, the District will add monochloramine in spring 2018. For more information, see the [Changes in Water Disinfection Fact Sheet](#).

These changes are being made as part of the District's [Water Resource Centralization Project \(WRCP\)](#).

