WRCP
Water Resource Centralization Project
Sustainable Water Initiative

REGIONAL. RELIABLE. RENEWABLE.

CHANGES IN WATER DISINFECTION

Parker Water & Sanitation District

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WISE Website: www.southmetro-water.org/wise-partnership/
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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) plans to implement the Water Resource Centralization Project (WRCP) this year to support its mission to effectively manage vital water resources and ensure quality and value to those we serve.

The District's construction of the Rueter-Hess Reservoir and partnership in the Water Infrastructure and Supply Efficiency (WISE) Project were the first steps in the District's Sustainable Water Initiative. WRCP is the next step in transitioning our community to more renewable water resources and will help ensure long-term water security for our customers.

Changes in the Water Treatment Process

Disinfection is a very important part of the water treatment process that keeps our water safe. In order to protect public health, the District maintains chlorine in the water as it moves through the distribution system. The distribution system is comprised of pipes and pumps and gets the water from where it is treated to the end user. As part of the WRCP, the District will transition from using chlorine to using monochloramine as a disinfectant.

This change will make the water compatible with regional water providers and allow the District to use the renewable water supplies from the WISE project. Castle Rock, Denver and Aurora already use monochloramine, which is an effective, affordable and longer-lasting water disinfectant. Water treated with monochloramine often tastes better and has less odor issues than water only treated with chlorine.

Water treated with monochloramine is safe and beneficial for all typical uses. Monochloramines, like chlorine, must be removed from water before it is used for two specific purposes: kidney dialysis treatment and live fresh water and salt water fish and amphibians.

The process for removing monochloramine is different from some of the methods used to remove chlorine. Please see the Important Information for Kidney Dialysis Patients and Providers and Important Information for Pet Stores and Fish Aquarium and Pond Owners for more detailed information. The District will be communicating with these stakeholders well in advance of the conversion to monochloramine, which will occur in spring 2018.

More Information

For more information on the WRCP, please visit our website, www.PWSD.org/WRCP.

Additional information on monochloramine can be found at:
EPA – https://www.epa.gov/dwreginfo/basic-information-about-chloramines-and-drinking-water-disinfection

CDC – https://www.cdc.gov/healthywater/drinking/public/chloramine-disinfection.html

"Sustaining life for our community"