



Just in time for the summer high-demand season, the Security Water District's new water treatment system is fully operational! The system is designed to remove Perfluoroalkyl substances (PFAS) from the raw water wells that have been the base water supply the District has relied on for more than half a century.

PFAS are a family of manmade chemicals that do not occur naturally in the environment. These compounds are found in firefighting foams, coating additives and surface protection products for carpets, clothing, cookware and food wrapping.

Because PFAS dissolve in water, traditional drinking water treatment technologies are not able to remove them. The Air Force agreed to pay for and build a specific type of water treatment plant for Security Water District that is capable of removing these chemicals from the water. It uses a process known as Ion Exchange Treatment. Ion Exchange uses highly porous resins (tiny beads) that act as powerful magnets to attract and hold contaminant materials from passing through the water treatment system. The plant also includes standard disinfection processes used to kill or inactivate bacteria and viruses.



The plant began reliably treating water in August, 2021. However, the shakedown process continued through the winter and it was only recently that the facility was able to be operated at full capacity. The design capacity of the system is 6,800 gallons per minute, which is sufficient to meet the District's peak day demand now and in the future. In addition, the District still has its surface water resources that deliver water from Pueblo Reservoir – the Fountain Valley Authority and the Southern Delivery System – which, along with water purchased from Colorado Springs Utilities, were the District's sole sources of water from September, 2016 until August, 2021 while the plan to remove PFAS chemicals from well water was being designed and constructed.



We continuously monitor and test to ensure the water from this new facility – and all of the water we provide - meets or exceeds regulatory and health standards set by the Colorado Department of Public Health and Environment (CDPHE) and the U.S. Environmental Protection Agency (EPA).

You can view the District’s most recent Water Quality Report on our website: [www.securitywsd.com](http://www.securitywsd.com). It is anticipated that the EPA will be promulgating new health advisories and regulations for PFAS chemicals in the near future. However, the District is confident that this new treatment facility will allow the District to continue providing water that meets or exceeds all regulatory and health standards.

We have taken this matter very seriously and are pleased to have a permanent solution that allows us to provide safe, high quality drinking water at a reasonable price. We are grateful for your patience and cooperation as we have worked through these issues.

Although the District is confident that we can meet the water needs of our customers, we continue to promote good stewardship of your water resources. Consequently, since first implementing summertime voluntary watering restrictions in 2016 as part of our PFAS mitigation response, we have promoted voluntary water restrictions every year since, and 2022 is no different. The District’s voluntary water restriction schedule follows. We appreciate your help in conserving this most precious natural resource.

## SECURITY WATER OUTDOOR WATERING RESTRICTIONS

### April 1, 2022 to October 1, 2022

**From April 1<sup>st</sup> through October 1<sup>st</sup>, we are asking all customers to:**

- Water no more than three times per week.
- **Please follow this simple watering schedule.** Homes/businesses with addresses ending in **even** numbers may water on Monday, Wednesday and Saturdays. Homes/businesses with addresses ending in **odd** numbers may water on Tuesday, Thursday and Sunday. All customers should avoid watering on Fridays.

MON	TUES	WED	THUR	FRI	SAT	SUN
EVEN	ODD	EVEN	ODD	NO WATERING	EVEN	ODD

OUTDOOR CONSERVATION TIPS	INDOOR CONSERVATION TIPS
Water during the cooler times of the day – do not water your lawn between 10 a.m. and 6 p.m. Avoid over-watering.	Always wash full loads in the clothes washer and dish washer.
Do not allow water to pool in gutters, streets and alleys.	Shortening a shower by only 1-2 minutes saves up to 700 gallons per year.
Do not waste water by letting it spray on concrete and asphalt.	A WaterSense labeled showerhead can reduce the average family’s annual water use by 2,900 gallons and saves more than \$70 per year in energy and water costs.
Repair leaking sprinkler systems immediately.	To check for toilet leaks, add a couple drops of food color to back tank. If color appears in the bowl, you have a leak. A running toilet can waste a very large amount of water.
Do not irrigate while it is raining or during high winds.	Replace washers in dripping faucets. One drop per second wastes 2,700 gallons of water per year.
Use a hose nozzle shut-off valve when washing your car or use a commercial car wash. There are many easy ways to conserve water both indoors and outdoors.	Using the compost bin or garbage to dispose of food rather than the garbage disposal can save 50 to 150 gallons per month.