

ARE YOU WATER SMART?

Today, _____% of the water we drink is a blend of groundwater and Colorado River water.

- 90%
- 50%
- 25%

Answer: 90% of the water we drink is a blend of groundwater and Colorado River water. Colorado River water is delivered to Tucson via CAP facilities and recharged into the ground and aquifer. Tucson Water pumps a blend of groundwater and Colorado River water out of the aquifer and delivers it to customers.

Answer:

Customer Question

WATER
Etc.

Is there an easy way for me to test for a toilet leak? My toilet is making gurgling noises.

Yes, here's the easy test. If you use an in-tank toilet cleaner, you'll need to remove it and flush the toilet until the bowl water is clear to conduct the leak test. Remove the toilet tank lid



and place a few drops of blue or green food coloring in the tank water. Wait at least 15 minutes, and then check the toilet bowl. If food color appears in the toilet bowl without flushing, there's a toilet leak. Go to <http://water.tucsonaz.gov/files/water/docs/homeowner.pdf> to pinpoint the cause of the leak and to get repair tips. Repair leaks now – a leaky toilet wastes water and money.



WATER MATTERS

inside this issue



Understanding the Tucson-Phoenix Water Share Agreement

City of Phoenix Water Services Director Kathryn Sorensen shares the context and the benefits of this important collaboration.

(See Working with Water, pg 4 & 5)

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CITY OF TUCSON ENVIRONMENTAL SERVICES

Easy Ways to Clear the Clutter in 2015

Environmental Services (ES) offers up some easy steps to help you clear the clutter and get more organized in 2015.

- ☛ Are there items you don't want but are useable? Consider selling or donating items. Tip: Local donations can help others in need and may offer a tax deduction.
- ☛ There are several ways to safely get rid of hazardous materials like old pool chemicals, solvents, batteries or paint. Drop off materials at the City's Household Hazardous Waste (HHW) Facility or at a monthly collection location. ES will also pick up these materials at your home for a fee; contact ES Customer Service at 791-3171 or visit www.tucsonaz.gov/hhw

- ☛ Take advantage of the Brush & Bulky Collection Program to



clear out the clutter that won't fit in a trash container. The 2015 Schedule is online at www.tucsonaz.gov or download the *My Waste* app on your smartphone. Contact ES Customer Service to order a special Brush & Bulky collection anytime for a fee; ES will collect up to 10 cubic yards of material and take care of disposal.

PIMA COUNTY WASTEWATER RECLAMATION

Please Report Sewer Odors!

Pima County Wastewater Reclamation is committed to mitigating odors from our water reclamation facilities and the sanitary sewer system.

If you are directly impacted by odors, please let us know by calling us at **(520) 724-3400** or by filling out an online form on the Odor Control page located on our website:
www.pima.gov/government/wastewaterreclamation



Your utilities services statement includes fees for your water, environmental services, and wastewater.

Environmental Services (ES) (520) 791-3171 or visit tucsonaz.gov/esd
Pima County Regional Wastewater Reclamation Department (PCRWRD) (520) 724-6500 or visit www.pima.gov/government/wastewaterreclamation

WORKING WITH WATER



In October 2014 the City of Tucson and the City of Phoenix entered into a water agreement which has been labeled by the media and resource experts as “landmark,” “collaborative” and “trendsetting.” **City of Phoenix Water Services Director Kathryn Sorensen** offers background about the agreement and how it just might reflect all those flattering labels:

● **Explain the basics of the Phoenix water system.** “We are entirely dependent on surface water delivery: 90% of the water we use – CAP and Salt River water – is treated and then sent out through our distribution system to customers.”

● **Using the CAP water allocation is different for the two cities for now.** “Phoenix is currently taking two-thirds of our maximum yearly CAP entitlement because we don’t have the facilities to store our maximum allocation. Tucson Water has the infrastructure in place to access its maximum yearly CAP allocation; the facilities to receive, recharge, pump, treat, and distribute a blend of CAP water and groundwater to customers.”

● **“The October water share agreement leverages what’s best about both water utilities.** We’ll be able to bank our full CAP allocation at Tucson facilities. If there is a shortage declaration, Tucson may access the CAP water stored on our behalf. In exchange, Tucson agrees to allow Phoenix to immediately access that equivalent CAP amount.”

● **What are the benefits of this water sharing agreement for Phoenix?** “There’s increased water reliability for Phoenix and Tucson and both cities will save money. Phoenix can purchase its full CAP yearly entitlement at today’s rates. We also don’t have to build additional infrastructure.”

● **Why a water sharing agreement now?** “Phoenix has ample water now, but we are planning to ensure water resiliency for the future. The factors our analysts are considering include declining water levels on Lake Mead, prolonged drought, climate change and continued population growth.”

● **The City of Phoenix and the City of Tucson are in Phase One of the agreement now.** “We are getting permits in place and testing out concepts. We are storing a modest amount of CAP water. In Phase Two, we will solidify the parameters and store up to 40,000 acre feet of Phoenix’s CAP allocation in Tucson.”

● **“Traditional rivalries aside, the relationship between Tucson Water and the Phoenix Water Services Department is strong.** We hope this creative win-win water sharing will grow and become a regional partnership.”

CLICK

[tucsonaz.gov/
water](http://tucsonaz.gov/water)

WATCH

[youtube.com/
tucsonwater](http://youtube.com/tucsonwater)

CALL

English & Español:
(520) 791-4331

TDD

(520) 791-2639

SCAN



November 2014 Main Water System Report

To ensure your water is clean, safe and secure, Tucson Water conducts approximately 14,500 individual tests a year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

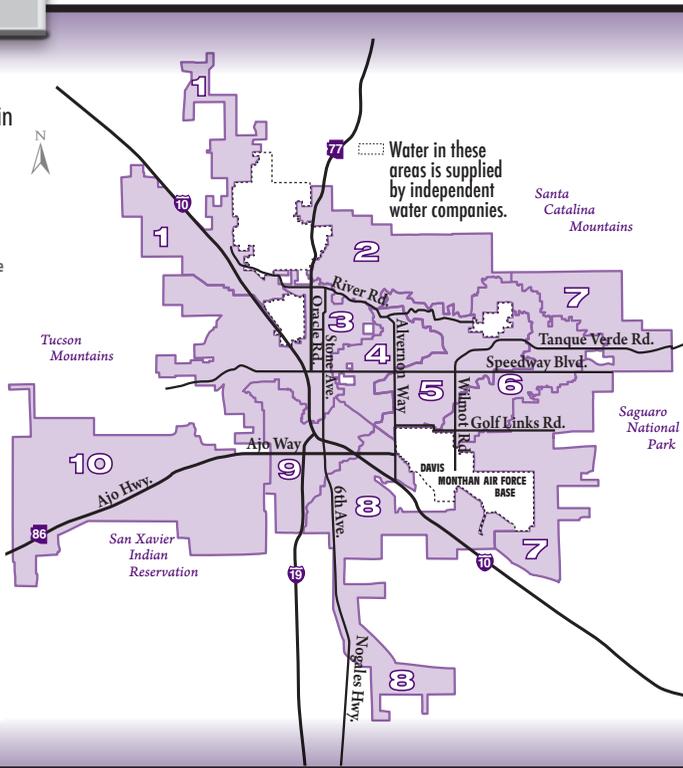
Main Water System

About 95% of the water we deliver comes from renewable supplies. These test results reflect the main distribution system, divided into 10 zones:

TEST RESULTS

Zones	Hardness (mg/L*) 31 SP	Sodium (mg/L*) 31 SP	Nitrate-N (mg/L*) 84 SP	Fluoride (mg/L*) 84 SP	pH Level (S.U.) 247 SP	Temperature (deg°F) 247 SP
1	142	61	1.99	0.29	7.7	76.5
2	194	57	1.19	0.35	8.0	78.0
3	191	53	1.64	0.45	7.9	78.0
4	249	68	0.76	0.36	7.9	77.4
5	244	68	0.90	0.39	7.9	77.0
6	237	67	0.93	0.40	7.9	77.8
7	237	66	0.85	0.39	7.9	78.8
8	196	63	1.77	0.53	7.8	78.0
9	248	67	1.09	0.39	7.9	77.5
10	206	64	1.67	0.44	7.9	79.4
Avg	214	62	1.19	0.40	7.9	77.8

* mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SP = Sample Points



COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.

EPA standards for positive samples
Positive results 247 samples



CHLORINE

