

CITY OF TUCSON ENVIRONMENTAL SERVICES

Know Where to Throw – Don't Dump Illegally



Dumping trash and debris on the public right-of-way or on someone else's private property is illegal and can result in fines. So, **Know Where to Throw** trash, unwanted items or landscaping materials. Here are four options:

- 1) Donate or even sell your stuff. Your unwanted, reusable items could have another life. Some businesses and organizations will pick up donations for free. Visit KnowWhereToThrow.com
- 2) Not reusable? Then take it to a local landfill. Yes, there is a cost but it will be less than a fine.
- 3) Consider ordering a Special Brush & Bulky Collection service. For a \$55 fee, Environmental Services (ES) collects up to 10 cubic yards of material, with the fee charged on your monthly utility services statement. Don't have 10 yards to get rid of? Share the service and cost with neighbors.
- 4) Team Up to Clean Up. ES will provide roll-offs at no charge if neighbors want to team up and organize a cleanup. Call 791-3171 for more info.

Illegal dumpsites can pollute our environment, pose safety and public health hazards, lower property values and impair our quality of life.

PIMA COUNTY WASTEWATER RECLAMATION

WORKING FOR YOU



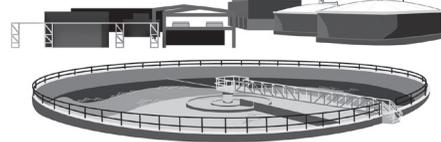
Serving **274,603** households

Treating more than **98%** of all sewage generated in the greater Tucson area.

8 water reclamation facilities

Maintaining & operating **29** pump stations

3,487 miles of sanitary sewer lines



www.pima.gov/wastewaterreclamation



Like us on Facebook!

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

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

ARE YOU WATER SMART?

Opt to sweep your sidewalk clean! A water hose uses _____ gallons a minute, a broom uses 0 gallons.

- 10
- 6
- 2

Source: www3.epa.gov/watersense/kids/hose.html

Answer:

WATER Etc.

Customer Question

Are water rates changing? If so, when?

Yes. Effective July 5, 2016 Tucson Water rates and fees will increase for all customers. As an enterprise fund, Tucson Water is required to generate revenues that will cover all operating costs so the utility is able to continue to ensure a reliable water supply and system. Go to tucsonaz.gov/water for more information about Tucson Water's financial requirements, water reliability, water rates and your utility services statement.



WATER MATTERS

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Kerry Schwartz, Director of Arizona Project WET, gives the A to Z on a unique program for educators to teach them new ways to engage students in water efficiency, supply, quality and system operations.

(See Working with Water, pg. 4 & 5)



WORKING WITH WATER



For five days in June, school's in session at Tucson Water for a group of educators eager to learn innovative ways to teach students about water stewardship. Here **Director of Arizona Project WET (Water Education for Teachers) Kerry Schwartz** offers details about this unique professional development program that incorporates science, technology, engineering and math (STEM):

Who attends the Academy? "Twenty-five middle and high school educators from around the region."

How is STEM involved? "With assistance from Tucson Water staff, teachers get hands-on experience integrating STEM into solving real world water issues. That translates into new ways to challenge their students to learn. For example, teachers audit indoor fixtures and outdoor fields and use STEM to analyze results, make recommendations, install water efficient technology and quantify water savings."

According to Schwartz, "what teachers are learning at the Academy and teaching students is relevant: understanding the groundwater system as a management tool and key component of the water distribution system, how water is treated, how emerging contaminants are monitored, how water efficiency can benefit us and so much more."

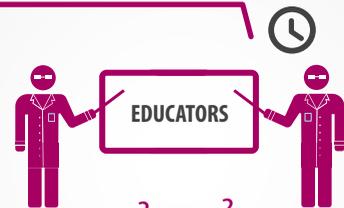
What is Tucson Water's role in the Academy? "Tucson Water staff conduct field tours, give presentations and provide content. Tucson Water also provides program funding: teachers receive stipends upon completing the academy and when they implement new coursework in the classroom."

Are there any "aha moments" for teachers during the Academy? "The biggest revelation is that Tucson is the most water-resilient city in the Southwest because of decades of good planning and stewardship."

Go to https://arizonawet.arizona.edu/programs/teacher_academies to find out more about the Teacher Academy.

Since 2006,  Tucson Water has supported **Arizona Project WET** to provide **1,688** Tucson area teachers with:

1,172 hours of professional development



Teaching **104,726** students water stewardship & STEM skills



37 professional development academies & workshops

WATER QUALITY INFO NET

YOUR WATER • CLEAN • CLEAR • SECURE

May 2016 – 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.

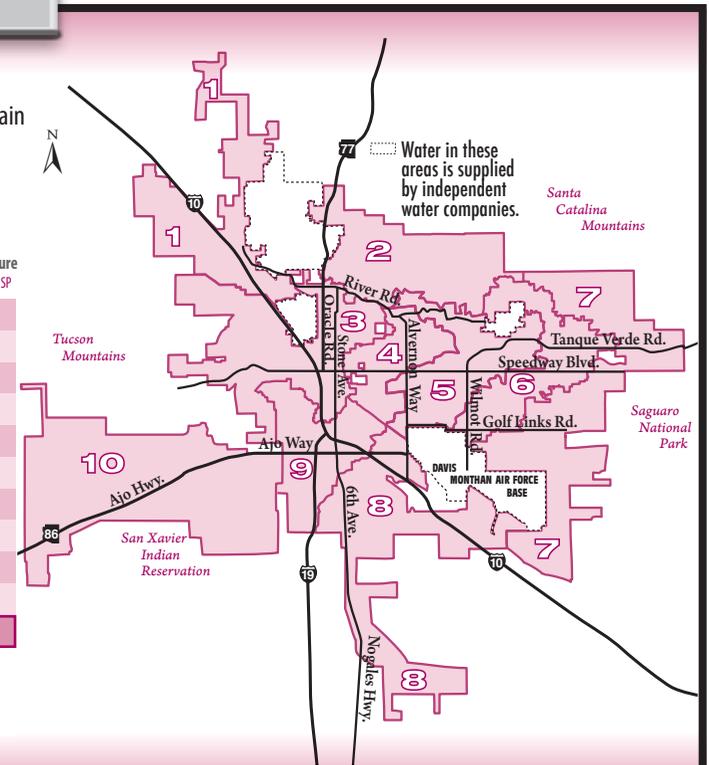
Main Water System

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) 84 SP	Sodium (mg/L) 84 SP	Nitrate-N (mg/L) 84 SP	Fluoride (mg/L) 84 SP	pH Level (S.U.) 247 SP	Minerals (mg/L) 247 SP	Temperature (deg°F) 247 SP
1	130	38	1.81	0.28	7.7	359	79.8
2	181	51	1.83	0.47	7.8	393	81.0
3	184	51	1.83	0.46	7.9	388	79.9
4	114	37	1.56	0.25	7.7	239	82.2
5	121	40	1.70	0.34	7.5	258	79.6
6	166	47	1.95	0.38	7.6	321	80.3
7	157	43	1.56	0.31	7.7	320	80.7
8	203	56	1.59	0.41	7.6	426	81.9
9	171	54	1.62	0.41	7.6	432	82.5
10	178	60	1.47	0.35	7.8	439	80.7
Avg	160	47	1.70	0.37	7.7	348	80.8

* mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
S.U. = Sample Units deg°F = Degrees Fahrenheit



EPA Standards Total Coliform & E. Coli

Total Coliform positive samples/mo.
E. coli positive samples/mo.
Follow-up assessment required?



CHLORINE

