

Your Water-Wise Landscape Could be a Winner

Each year, private homeowners and landscape professionals who are tops at xeriscaping (landscaping with low water use and natural vegetation) are honored by the Arizona Department of Water Resources and Tucson Botanical Gardens in the Annual Xeriscape Contest.

There are more than 10 entry categories from residential single family homes and industrial spaces, to neighborhood projects, business park entrances, and more. There's also a Community Xeriscape Leader nomination category that recognizes a Tucson-area organization or person who is a passionate advocate of xeriscaping principles.

Recognition will be given to those homeowners and professionals who have made innovative use of native and low-water use plants, water harvesting, graywater and efficient irrigation. The contest's purpose is to increase awareness of outstanding landscapes that are desert appropriate and that reduce water usage, costs and maintenance. Winning entries will be honored at a special ceremony at Tucson Botanical Gardens in May.

Entry applications with entry fees are due at Tucson Botanical Gardens on Tuesday, April 1, 2008 by 5:00 P.M. Judges will make field visits during the latter part of April. Get more information at www.azwater.gov/TAMA or www.tucsonbotanical.org, or by calling 520-326-9686, ext 37.

Your Water. Connection

NEWS & TIPS FOR TUCSON WATER CUSTOMERS

Water 101

Water Reliability and Quality - Committing to 2008 Goals

Tucson Water has outlined our goals for 2008, with the objective of providing a reliable, safe, and sustainable water supply for our customers.

Clearwater II Operating

In less than 10 months, construction on key elements of Phase II of the Clearwater Renewable Resource Facility will be complete. The first three recharge basins, the water delivery pipeline, and a turn-out from the CAP canal are slated to be complete by Spring 2008, with the rest of Phase II complete and in operation by the end of the year. Completion of Clearwater I and II in Avra Valley means that we will be able to recharge the maximum amount of our annual Colorado River water allocation and ensure that most of the water we use comes from this renewable resource.



Water 101 continued inside

Have a question for Water 101 or a suggestion for a topic? Call us at 791-4331 or e-mail to TW_Web1@ci.tucson.az.us

Water Reliability and Quality

Water 101 *continued from front*

Reclaimed Water Users' List Grows

During 2008 the number of educational institutions and golf courses using reclaimed water for irrigation will increase. Several Tucson Unified School District schools plus seven schools from the Sunnyside Unified School District will join the 51 schools already using reclaimed water. Nine newly added holes of golf at Dove Mountain



#2 will also be joining the list of golf course users. Using reclaimed water for irrigation means that we save our drinking water.

Business Advisory Group Delivers

The Business Incentives Advisory Group will deliver, for commercial water users, recommendations to Tucson Water on a new conservation and incentive program by mid-2008. These include a self-audit form, a list of incentives, workshop content, a certification program, and conservation strategies for commercial users. Industrial, commercial and multi-family users represent about 43% of our total water usage.

Sweetwater Wetlands' Program Efforts

In February 2008 Tucson Water will set the stage at the Sweetwater Wetlands to decrease



the mosquito population and increase bird habitat. Working with the Tucson Fire Department, more than one-third

of the Wetlands' aquatic vegetation will be removed through a controlled burn. A liner will be installed over several of the burned areas to prevent the regrowth of vegetation and to create a series of wading pools for visiting birdlife. Mosquito larvae stand less of a chance of developing into adults in an environment with large areas of shallow, open water accessible to hungry mosquito-eating fish and wading birds.

More New Meters Added

Tucson Water continues its ongoing water meter replacement program. More than 12,000 aging residential and commercial water meters will be replaced at no cost to the customers. Replacing old meters helps to ensure that Tucson Water can accurately track individual usage for billing, and also monitor and evaluate community water demands.





On the Water Front

A new year has begun – 2008 will again see your water utility working to make sure you have safe, quality water at your fingertips whenever you need it. Our promise to you of a reliable water supply is the focus of all the projects and programs we have planned for this coming year.

The start-up of Clearwater Phase II will improve our already highly reliable water supply – allowing us to use even more of our renewable water resources and continue to reduce groundwater use.

Continued expansion of the reclaimed water system will put more of our treated wastewater to work, in a system that is already among the largest in the nation, and further reduce the use of drinking water for turf irrigation.

The rising costs of fuel and construction materials will once again challenge our financial managers to find ways to operate your water system, perform the maintenance and improvements needed, and add new infrastructure while keeping water affordable. Our commitment to sound

financial management will help in doing that. Water conservation recommendations coming this year from our customer groups who have been working with Tucson Water on new concepts for saving water, will expand and enhance our conservation programs and help meet our commitment to environmental protection and the sustainability of our region.

Tucson Water's 500-plus employees continue to be dedicated to providing you with excellent water service and safe, high-quality water in this coming year. From our water laboratory staff and hydrologists to our meter readers and system planners and everyone else here at Tucson Water, we wish you and your family a happy new year – and remind you, you can count on us to make sure you have quality water throughout the year.

Dave Modeer
Director, Tucson Water

Clearwater Quality Report – Most recent water quality data (Nov. 8 – Dec. 9, 2007)

61	Sodium (mg/L) (Nov. 16)
373.6	Mineral (mg/L) (Nov. 8 – Dec. 9 avg.)
187	Hardness (mg/L) (Nov. 16)
7.99	pH (S.U.) (Nov. 8 – Dec. 9 avg.)
Neg	Coliform Bacteria (Nov. 9)
1.10	Chlorine level (mg/L) (Nov. 8 – Dec. 9 avg.)
84.1	Temp (deg F) (Nov. 8 – Dec. 9 avg.)

Visit the Tucson Water Web site at www.tucsonaz.gov/water

Your *Water Connection* is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to:

Tucson Water, Customer Information, P.O. Box 27210,
Tucson, AZ 85726-7210.

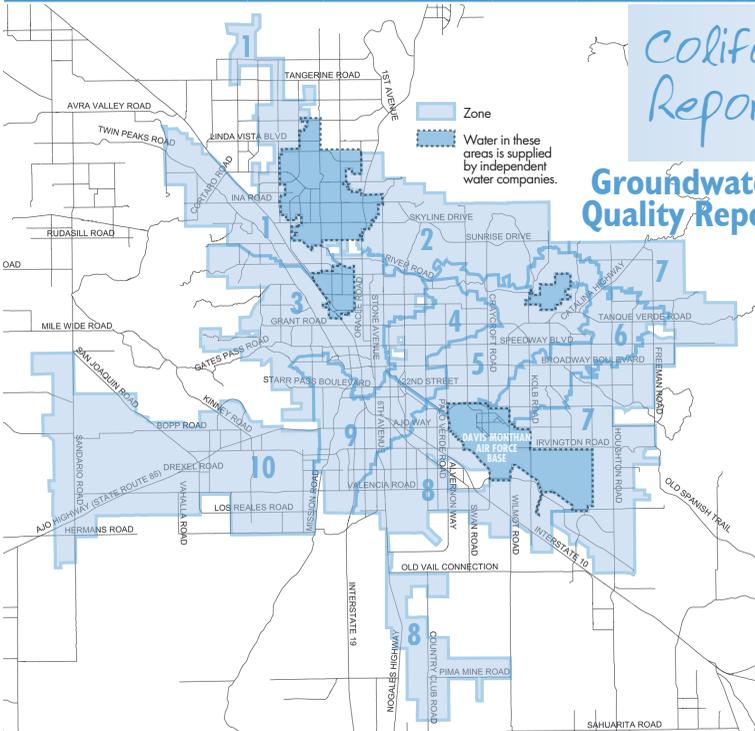
City of Tucson TTY number: 791-2639

Si usted desea este documento escrito en español, por favor llame al 791-4331.



Groundwater Quality Report - November 2007

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (mg/L)* 84 SAMPLING POINTS	Average	59	59	53	54	55	54	41	45	45	47	51
	Range	53-68	56-61	15-63	41-62	50-61	49-60	25-60	39-60	35-61	37-59	15-68
Mineral Content (mg/L)* 246 SAMPLING POINTS	Average	399	418	409	397	390	382	297	366	386	285	377
	Range	250-628	391-447	167-454	262-430	241-426	284-432	180-429	321-440	205-559	205-427	167-628
Hardness (mg/L)* 84 SAMPLING POINTS	Average	173	181	170	165	175	177	139	171	159	109	164
	Range	151-189	164-191	76-222	111-192	153-190	156-192	82-189	147-237	63-338	65-184	63-338
pH (S.U.) 246 SAMPLING POINTS	Average	7.8	8.0	7.9	8.0	7.9	7.9	7.9	7.7	7.7	7.8	7.9
	Range	7.4-8.3	7.8-8.1	7.2-8.2	7.7-8.2	7.2-8.1	7.6-8.1	7.7-8.2	7.2-7.9	7.0-8.2	7.3-8.0	7.0-8.3
Temperature (deg F) 246 SAMPLING POINTS	Average	77	81	80	80	79	79	78	79	79	80	79
	Range	74-79	76-85	72-83	74-83	74-85	70-84	73-83	73-83	74-85	73-84	70-85

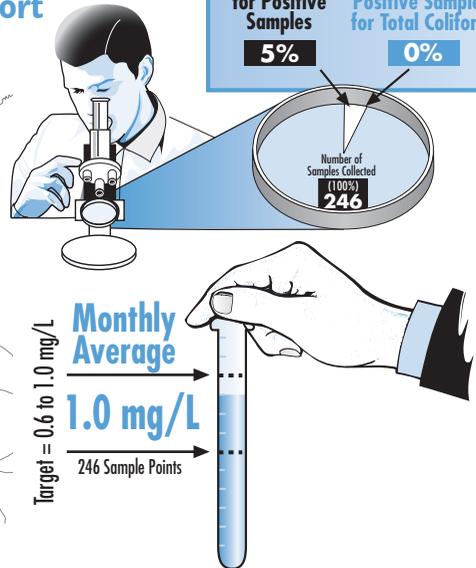


Coliform Bacteria Testing Report - November 2007

Groundwater Quality Report

EPA Standard for Positive Samples
5%

Number of Positive Samples for Total Coliform
0%



* mg/L means milligrams per liter; 1 mg/L = 1 teaspoon in 1,302 gallons

** 17.1 milligrams per liter (mg/L) = 1 grain per gallon; Therefore, the system-wide hardness average as reported for November 2007: 164 mg/L divided by 17.1 = 9.59 grains per gallon.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10 zones based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.

With the exception of chlorine and coliform bacteria, none of the water quality parameters reported here have U.S. Environmental Protection Agency primary standards set for them. For more information about primary and secondary water quality standards, visit Tucson Water's Web site at www.tucsonaz.gov/water.