

Conservation Corner

State Offering Greywater Conservation Tax Credit

You already know you can reduce your water bill by conserving water in your home. Now you can get a tax credit for saving water. Beginning this year, the State of Arizona is offering tax credits to homeowners who install greywater systems in new or existing residences. Install a qualifying system and the State will give you a tax credit equal to 25% of the cost of the system, up to a maximum credit of \$1,000.

Builders may also qualify for tax credits for installing greywater systems during home construction. The funding for greywater tax credits is limited and will be offered on a first-come, first-served basis. There are also certain rules that must be followed in order to qualify. Get the details from the Arizona Department of Revenue at (1-800-352-4090) or visit their web site at www.azdor.gov and search under "gray water".



Your Water Connection

NEWS & TIPS FOR TUCSON WATER CUSTOMERS

Water 101

Expanding Recharge Projects will Provide More Blended Water



Water reliability and 'drought proofing' our desert region is a concern for all of us. In the next few months, Tucson Water will begin work on water resource facilities that will be very important in ensuring a reliable and dependable water supply in the future.

Tucson Water has received new permits from the State of Arizona and recently

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 101

Expanding Recharge Projects will Provide More Blended Water

Water 101 continued from front
completed new infrastructure at the Clearwater Facility that will allow us to increase the amount of Colorado River water we recharge there to about 26 billion gallons each year. That will then let us recover and use more of the blended water that is created naturally when the recharged Colorado River water mixes with native groundwater.

Work has begun on six new wells near the Facility that are needed to recover the additional water. Several of those will be working by this summer – the others will be in operation by the summer of 2008. Additional



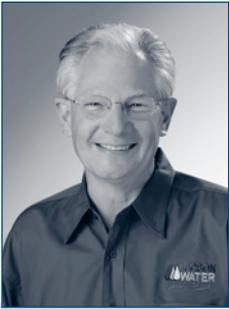
pipelines connecting the wells to the Clearwater Reservoir and more boosters to pump the water to the Hayden-Udall Water Treatment Plant are also in the works. The reservoir itself, and the water mains carrying the water from the Facility to Hayden-Udall were designed to handle this additional water.

In addition to the expansion at Clearwater, the construction of Clearwater Phase II, located south of the existing Facility, is slated to begin this summer. An additional 45,000 acre feet of Colorado River water each year (about 14.5 billion gallons) will be recharged there beginning in 2008.

Using all of our Colorado River water is a key part of Tucson Water's commitment to water reliability and the sustainability of our region. You can count on us to continue working to maintain that commitment.



The original Clearwater booster pumps can provide 54 million gallons of the Colorado River water and groundwater blend each day to Tucson Water customers.



On the Water Front

Decision H2O, our discussion with you about our water for the future, came to a close at the end of January. It was a great success.

Although I can't share the final numbers with you yet because of the printing lead time required for this newsletter, it's clear that more than 13,000 of you, our customers, shared your preferences with us at our shopping mall kiosks and dozens of other locations across the region.

Thank you to all of you who took the time to sample these two types of water, study the costs and other issues associated with the options, and then share your preferences and other thoughts with us. That so many of you took the opportunity to do this is a reflection of the successful collaboration between Tucson Water and our customers that has served both of us so well over the years when making important decisions about our water.

Thanks are also due to the more than one hundred Tucson Water employees who gave their time through the autumn and holiday months to staff those information kiosks and booths at many community events and public gathering places. They did an excellent job of representing Tucson Water and communicating a complicated issue in a short period of time. Their effort exemplified the commitment to open communication and collaboration that are cornerstones of Tucson Water's commitment to you.



Now we begin a process of further research and analysis. We want to fully understand all that we learned from you in this process. We then need to take that information into consideration as we review the latest technology of water treatment - an area in which there are changes and improvements occurring continually.

Our goal is to make sure that whatever recommendations we ultimately make about our future water supply include a full understanding of the information you shared with us during the past four months, and the very latest in technological and environmental information. With the new information we've gathered, we need to further analyze the financial implications of all the options open to us.

Of course, we will keep you informed as we move ahead. You can be sure that our commitment to ensuring safe, reliable, quality water for you and your family will always be the most important part of our work.

Dave Modeer, *Director, Tucson Water*

Clearwater Quality Report- December 2006

56	Sodium (mg/L)
347.9	Mineral Content (mg/L)
162	Hardness (mg/L)
8.08	pH (S.U.)
Neg	Coliform Bacteria
0.78	Chlorine level average (mg/L)
81.3	Temp (deg F)

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.

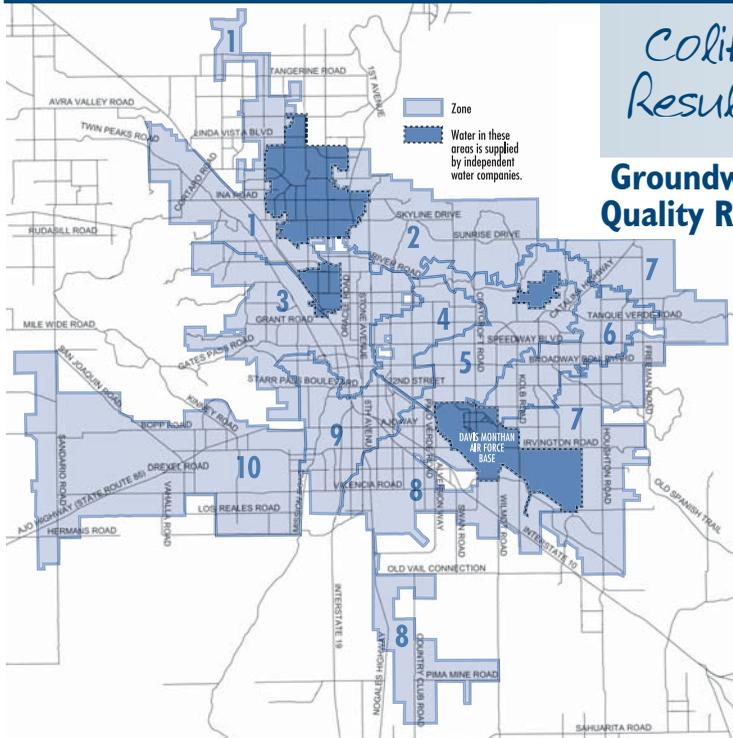
City of Tucson TTY number: 791-2639

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



Groundwater Quality Report - December 2006

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (mg/L)* 86 SAMPLING POINTS	Average	50	47	52	42	41	41	33	44	48	38	43
	Range	41-58	34-56	32-62	30-59	26-62	31-58	29-44	34-56	38-56	37-39	26-62
Mineral Content (mg/l)* 247 SAMPLING POINTS	Average	417	347	375	283	270	279	233	381	367	221	313
	Range	197-608	243-385	201-486	188-393	171-387	215-372	181-301	212-484	205-493	205-391	171-608
Hardness (mg/L)** 86 SAMPLING POINTS	Average	135	155	164	120	125	125	115	218	188	77	146
	Range	58-214	111-175	82-231	72-166	90-179	89-173	94-130	112-282	77-290	76-78	58-290
pH (S.U.) 247 SAMPLING POINTS	Average	7.8	7.8	7.8	7.9	7.8	7.8	7.8	7.7	7.7	7.8	7.8
	Range	7.4-8.2	7.6-8.1	7.4-8.0	7.5-8.0	7.3-8.0	7.2-8.1	7.1-8.0	7.0-7.9	7.3-8.0	7.5-8.0	7.0-8.2
Temperature (deg F) 247 SAMPLING POINTS	Average	71	71	72	73	72	70	71	72	73	73	72
	Range	67-77	66-75	65-78	65-80	64-78	64-75	65-76	65-77	67-79	67-81	64-81



Coliform Bacteria Testing Results - December 2006

Groundwater Quality Report

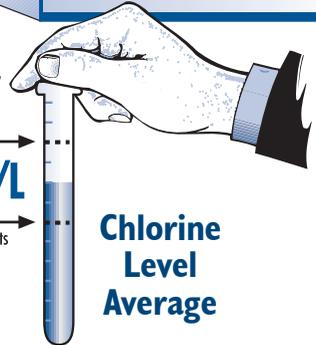


EPA Standard for Positive Samples
5%

Number of Positive Samples for Total Coliform
0.0%



Monthly Average
0.8 mg/L
247 Sample Points



* 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 December 2006: 146 mg/L divided by 17.1 = 8.54 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.