

Qualify and Apply for the New Home Toilet Rebate

Your Water Connection

NEWS & TIPS FOR TUCSON WATER CUSTOMERS

Water 101 continued from front

more. New fixtures replaced as a remodeling or general construction do not qualify for the rebate.

- 2) The new toilet must be installed on property receiving Tucson Water service.
- 3) Only High Efficiency Toilet (HET) fixtures approved by the USEPA WaterSense program qualify for a rebate. A list of more than 200 USEPA-approved toilets is available at their web site: www.epa.gov/watersense/pp/find_het.htm.
- 4) The rebate is limited to 50% of the purchase price, with a maximum of \$120 per toilet. If multiple toilets are installed, a maximum rebate of \$200 per household is allowed. The rebate applies to the purchase cost of the tank and bowl and does not include sales tax, additional supplies or labor.
- 5) Old fixtures that have been removed must not be used again and rendered inoperable.
- 6) If you receive a rebate, then you must consent to an in-home inspection to verify the purchase and installation of the HET.

For more information or to download a rebate application, go to Tucson Water's web site at www.tucsonaz.gov/water or call 791-4331.

By replacing older, existing toilets with high performance, efficient WaterSense fixtures, a homeowner can save an estimated 4,000 gallons of water per year, reduce indoor water usage and help our community become more sustainable.

Water 101

Qualify and Apply for the New Home Toilet Rebate

Is your old toilet wasting gallons of precious water every day? A new residential toilet rebate program is now available to help qualifying Tucson Water customers to voluntarily replace older, less efficient pre-1991 toilets with new, high performance, water-efficient toilet fixtures.

Tucson Water is partner with the U.S. Environmental Protection Agency (USEPA) WaterSense Program to ensure that



the High Efficiency Toilet (HET) fixtures purchased and installed by customers meet national guidelines for water conservation of 1.3 gallons per flush or less. Design and engineering advances enable this generation of WaterSense labeled toilets to save water with no trade-off in flushing power.

Tucson Water customers must meet the following standards to qualify for the Rebate program:

- 1) The toilet to be replaced must be manufactured prior to 1991 and use 3.5 gallons per flush or

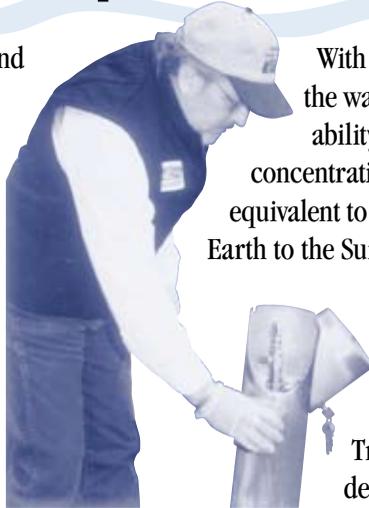
Water 101 continued on back

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

Sentry Monitoring – Keeps Our Water Safe

Each year the technicians, chemists and other professionals at Tucson Water's Water Quality Laboratory perform more than 400,000 individual tests to ensure your water is clean and safe. Tucson Water has voluntarily added a new layer of monitoring, analyzing for pharmaceuticals, personal care products and endocrine disrupting compounds at 'sentry' sites. This type of research is also being conducted at other major water providers across the country. The Tucson Water Sentry points are:

- ◆ **Sentry Point 1:** The Clearwater Facility, where recovered Colorado River water from the Clearwater Recharge facility enters the drinking water system.
- ◆ **Sentry Point 2:** Well Y-001a, which serves Tucson Water's northwest service area, approximately a quarter mile from the Santa Cruz River.



With recent advances in testing technology, the water quality analysts now have the ability to detect these compounds at concentrations in parts per trillion or less - equivalent to the first six inches on a trip from the Earth to the Sun!

The most recent research detected no trace of drugs, personal care products, or endocrine disrupting compounds at the Clearwater Facility. Trace levels of four compounds were detected at Well Y-001a with detected levels at least a million times smaller than a single dose prescribed by a doctor. According to the Centers for Disease Control and other major medical research institutions, these compounds have no effect on human health at these minute levels.

In 2009, Tucson Water will begin annual sentry tests at additional sites to ensure that our drinking water continues to meet and exceed drinking water standards.

Reporting Back on Conservation Town Halls

During April and May, 2008, Tucson Water, in conjunction with the City's Office of Conservation and Sustainable Development and the Community Services Department, conducted thirteen Town Halls focusing on water conservation.

The Town Halls reinforced Tucson's well-deserved reputation for supporting water conservation. Participants revealed a high level of interest in and support for the Community Conservation Task Force/Mayor and Council recommendations, a willingness to personally participate in conservation

programs, and a positive response to the increased costs involved in developing and implementing these programs. Participants also recognize how water efficiency, growth and long-term sustainability are interconnected.

Thanks to those who attended Town Halls or offered feedback by completing a conservation survey. For more information on the Town Halls plus other water saving ideas, contact the Tucson Water Conservation Team at 791-4331 or www.tucsonaz.gov/water/conservation.htm.

Four Low-Water Landscapes for Tucson

This fall discover a new low-water use landscape with a theme! Four appropriate landscape palettes for Tucson are Sonoran Desert, Southwestern, Tropical/Mexican, and Mediterranean. Depending on your property's features and personal preferences, you can focus on one distinctive style or blend it with your existing landscape to create a pleasing, water smart design.

The Sonoran landscape relies on our native desert species, many of which are food sources for wildlife. The Southwestern landscape is more densely planted and introduces desert-adapted species for creating interesting seasonal diversity. Tropical/Mexican landscapes incorporate lots of lacy, sun-filled colors cooled down by broad-leaved dusty blues and greens while the Mediterranean integrates both fragrance and formality.

Whether designing or renovating a landscape, remember the following:

- ◆ Group plants with similar water requirements together, creating a hydrozone
- ◆ Allow space for plants' natural mature size
- ◆ Use basins and berms to help capture and direct rainwater (and take advantage of seasonal rain gardens)

- ◆ Irrigate only as necessary and change timer schedules seasonally

By designing your landscape to be water smart, you will save time, energy, money, and water.

For more information on landscape water conservation, contact the SmartScape Program office at (520) 626-5161 or <http://ag.arizona.edu/pima/smartscape/>.



Tucson Water is a sponsor of the SmartScape Program, water conservation

education for members of the Green Industry, property managers and homeowners. Free Water\$mart workshops for homeowners are an important, on-going part of the SmartScape effort. A schedule of upcoming workshops is available at our web site – www.tucsonaz.gov/water/watersmart.htm.

Clearwater Quality Report - Most recent water quality data (August 7 – September 8, 2008)

63	Sodium (mg/L) (August 27)
349.4	Mineral (mg/L) (August 7 – Sept. 8 avg.)
179	Hardness (mg/L) (August 27)
7.88	pH (S.U.) (August 7 – Sept. 8 avg.)
Neg	Coliform Bacteria (August 14)
0.86	Chlorine level (mg/L) (August 7 – Sept. 8 avg.)
91.2	Temp (deg F) (August 7 – Sept. 8 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.

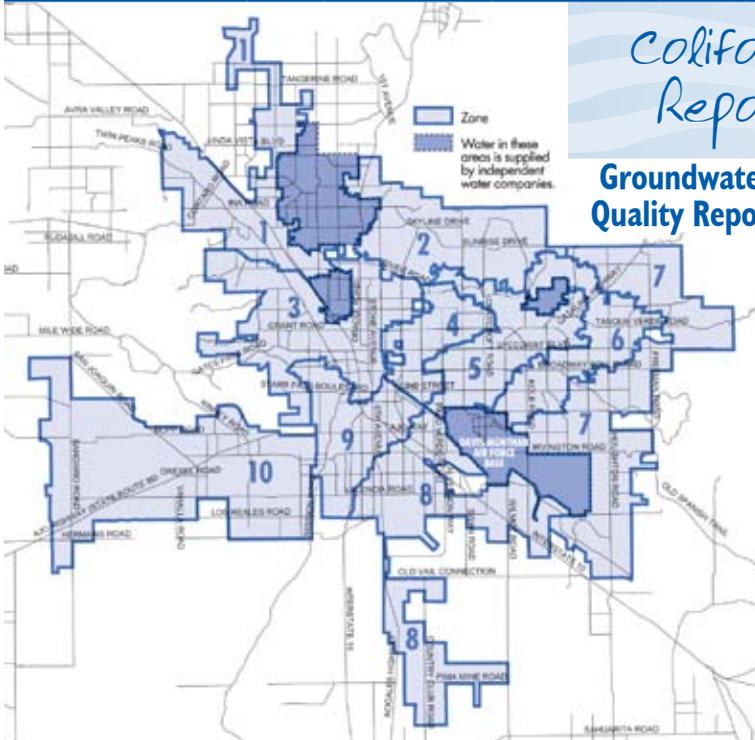
City of Tucson TTY number: 791-2639

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



Groundwater Quality Report - August 2008

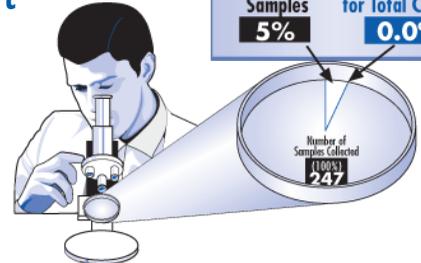
Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (mg/L)* 84 SAMPLING POINTS	Average Range	56 39-76	58 52-61	59 50-62	49 30-62	56 44-62	55 42-60	38 22-60	44 39-56	45 34-59	42 35-53	51 22-76
Mineral Content (mg/L)* 246 SAMPLING POINTS	Average Range	408 189-608	416 397-424	426 305-454	346 230-424	379 191-424	381 220-417	290 178-420	390 317-468	321 203-435	262 204-415	366 178-608
Hardness (mg/L)* 84 SAMPLING POINTS	Average Range	200 177-234	171 148-185	189 144-241	141 86-182	172 130-193	170 144-183	127 84-182	196 151-270	109 58-191	87 63-144	157 58-270
pH (S.U.) 246 SAMPLING POINTS	Average Range	7.6 7.3-8.0	8.0 7.9-8.1	8.0 7.6-8.1	7.9 7.6-8.1	7.9 7.6-8.1	7.9 7.4-8.1	7.9 7.7-8.1	7.7 7.4-7.9	7.9 7.6-8.1	7.9 7.7-8.1	7.9 7.3-8.1
Temperature (deg F) 246 SAMPLING POINTS	Average Range	85 76-90	89 87-92	89 84-97	90 85-95	88 83-92	88 81-94	89 85-94	88 83-95	90 86-94	90 88-94	89 76-97



Coliform Bacteria Testing Report - August 2008

Groundwater Quality Report COLIFORM

EPA Standard for Positive Samples: **5%**
Number of Positive Samples for Total Coliform: **0.0%**



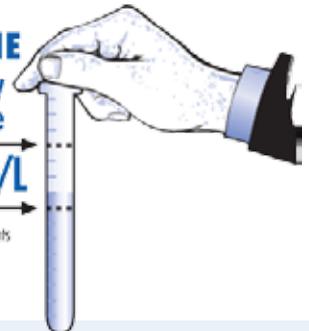
CHLORINE

Monthly Average

0.9 mg/L

Target = 0.8 to 1.2 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 August 2008: 157 mg/L divided by 17.1 = 9.18 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.