

Water 101

Thousands of Customers Sample the 450 and 650 Blends

Water 101 continued from front

More than 3,000 Tucson Water customers have already told us whether they preferred the 450 or the 650 mineral level blend. The latest results are available on the web at www.DecisionH2O.com or by calling 791-4331.

If you don't want to go to the mall, there are other options. Tucson Water mobile kiosks will be at public buildings and special events near you throughout the fall and winter months. See inside for some November dates and locations.

Please take time to visit one of the kiosks and let us know what your preference is. This is an important decision for the future of our region and we'd like you to play a role in it. Thanks.



November 2006

www.tucsonaz.gov/water

Your Water Connection

NEWS & TIPS FOR TUCSON WATER CUSTOMERS

Water 101

Thousands of Customers Sample the 450 and 650 Blends

Tucson Water customers are lining up to sample two different blends of water and state their preference for



the water for the future. The difference between the two is the mineral content – 450 parts per million and 650 parts per million of calcium, magnesium, and other dissolved minerals that occur naturally in both groundwater and Colorado River water.

You can sample the two blends, review the costs and home maintenance comparisons, and tell us which blend you prefer for the future. Tucson Water staff are ready to help you at Park Place (near the Food Court) and at Tucson Mall (near the center fountain) during normal mall hours.

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

Conservation Corner

Cooler Temperatures Mean Reducing Your Outside Water Use

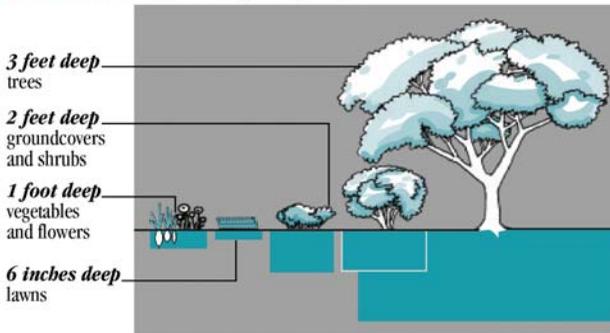
With autumn finally here, the season for heavy watering of our outside landscaping is at an end. You can save water and reduce your water bill by adjusting your outside water schedule now.

Plants use 3 to 5 times more water during the summer than they do during the cooler months, so you can adjust your watering schedule now for our shorter, cooler days.



If you have a drip irrigation system, remember to reset the watering frequency. If you use a garden hose, simply reduce the number of times each month that you uncoil it.

Efficient Watering Depth



Wondering how to decide how often you need to water? Here are some tips that might help.

Plant maturity and type: Young plants should be watered more often than older plants. After they have become established in one or two years, allow a slight drought between waterings. The plants will adapt to the stress and become more drought tolerant.

Water consumption rates vary greatly among plant species. High water use plants, like roses, need to be irrigated about twice as often as established native plants.

Root Depth: Root depth also has a major impact on how often plants need water. The deeper the roots, the less frequently you will need to water. Encourage a deep, drought-resistant root zone by watering deeply. A good rule of thumb is to irrigate when the top 1/3 to 1/2 of the root zone is dry.

Soil Type: If your soil is shallow, compacted, or sandy you will have to irrigate more frequently.

Decision H2O Mobile Kiosk Locations

This schedule reflects the confirmed dates as of press time and is subject to change without notice.

Nov. 1	Marana Public Library	11:00–3:00 pm	Nov. 7	Armory Park Senior Center	11:00–3:00 pm
Nov. 1	Raytheon, Computer Science Center	11:00–1:00 pm	Nov. 8	Oury Recreation Center	4:30–6:00 pm
Nov. 2	Marana Town Hall	7:30–10:00 am	Nov. 8	Quincy Douglas Center	12:00–4:00 pm
Nov. 3	Valencia Public Library	1:00–5:00 pm	Nov. 9	Santa Rosa Recreation Center	9:00–12:00 pm
Nov. 6	Woods Library	10:00–2:00 pm	Nov. 18	Reid Park /Family Fun Festival	11:00–3:00 pm

Please visit www.DecisionH2O.com for more information on mobile kiosk locations.



On the Water Front

Sustainability is a word we hear frequently these days – in reference to many different situations. To Tucson Water, sustainability is at the center of all that we do. Whether it's delivering high quality water to you 24 hours a day, 365 days a year, or planning for the water needs of the generations of Tucsonans to come, Tucson Water's goal is to ensure that we support the long-term sustainability of our community.

How does our commitment to sustainability 'play out'? One way is in our long-standing commitment to encouraging water conservation. For more than 30 years, Tucson Water has been providing conservation education like our popular Beat the Peak program. We also offer incentives, such as our rate structure which rewards low use, training programs which teach customers how to be more water smart, and direct assistance through our Zanjero program. Additional conservation strategies developed with our Community Conservation Task Force will be going forward to Mayor and Council in the near future.

Another measure of Tucson Water's dedication to sustainable practices is embodied by our Clearwater program. Since 2001, we've been delivering a blend

of recharged Colorado River water and groundwater to our customers, allowing us to shut down dozens of our wells and reduce our overpumping from beneath central Tucson. As a result, groundwater levels have risen more than 25 feet in some areas. As we ramp up to use all of our 44 billion gallon annual allocation of Colorado River water, we'll continue to see our aquifer recover.

For Tucson, sustainability is a reality that we must embrace for the long-term health of our community and region. We at Tucson Water feel privileged to work with you as we strive to ensure that Tucson has a bright and sustainable water future.

Dave Modeer
Director, Tucson Water

Clearwater Quality Report September 2006

53	Sodium (mg/L)
349	Mineral Content (mg/L)
143	Hardness (mg/L)
8.0	pH (S.U.)
Neg	Coliform Bacteria
0.81	Chlorine level average (mg/L)
86	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.

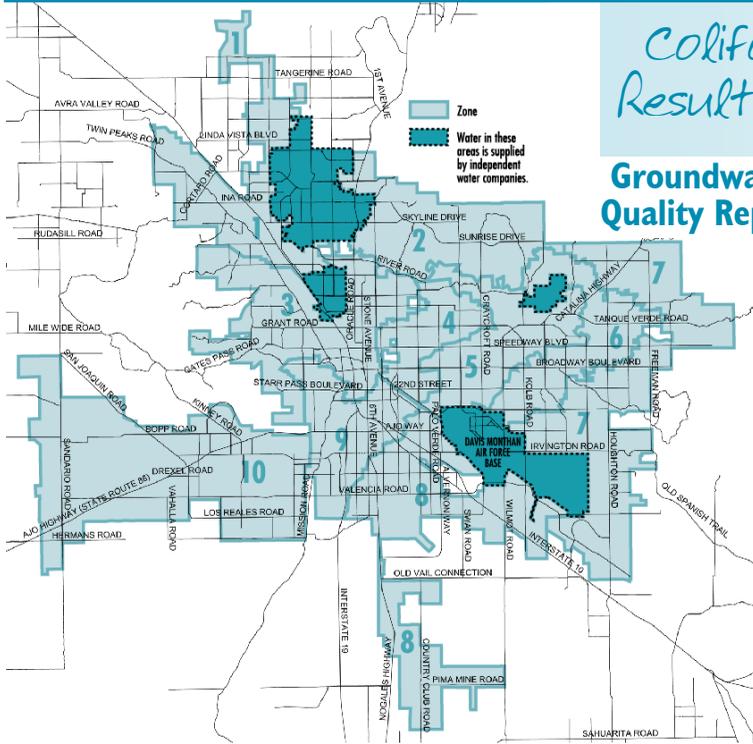
City of Tucson TTY number: 791-2639

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



Groundwater Quality Report - September 2006

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (mg/L)*	Average	54	53	53	48	47	46	39	44	50	43	47
76 SAMPLING POINTS	Range	49-59	49-56	27-68	34-59	32-54	39-54	28-53	38-50	40-58	37-55	27-68
Mineral Content (mg/l)*	Average	365	356	361	317	329	334	280	387	324	249	332
247 SAMPLING POINTS	Range	180-587	337-367	200-465	184-361	191-393	233-368	179-361	311-477	209-499	209-360	179-587
Hardness (mg/L)**	Average	178	146	158	135	149	145	133	221	165	93	153
76 SAMPLING POINTS	Range	155-201	136-153	93-229	94-154	100-193	109-171	97-164	165-287	76-255	68-149	68-287
pH (S.U.)	Average	7.6	7.9	7.8	7.9	7.8	7.8	7.8	7.5	7.8	7.9	7.8
247 SAMPLING POINTS	Range	7.2-8.1	7.7-8.1	7.6-8.0	7.7-8.1	7.5-8.1	7.0-8.0	7.6-8.0	7.3-7.7	7.4-8.0	7.8-8.0	7.0-8.1
Temperature (deg F)	Average	82	86	86	86	85	85	86	83	85	85	85
247 SAMPLING POINTS	Range	78-88	82-91	77-91	80-89	82-91	79-92	80-91	80-88	80-89	81-87	77-92



Coliform Bacteria Testing Results - September 2006

Groundwater Quality Report

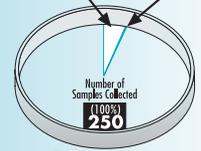


EPA Standard for Positive Samples

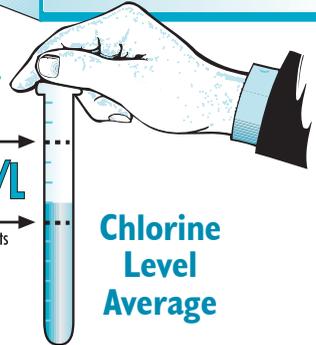
5%

Number of Positive Samples for Total Coliform

0.4%



Monthly Average
0.7 mg/L
250 Sample Points



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.

* 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 September 2006: 153 mg/L divided by 17.1 = 8.95 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.