

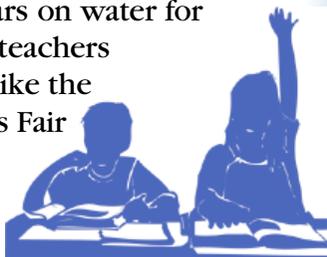
Tucson Water Goes to School

Continued from Inside

One of Joaquim's responsibilities is taking schoolchildren on field trips to water facilities, including the Clearwater Facility and Pima County's Roger Road Wastewater Treatment Plant. "The kids especially like the Sweetwater Wetlands," Joaquim says.

"The wildlife, trees, and water vegetation are things they don't see much around the community." He also conducts workshops and training seminars on water for older students and teachers through programs like the

Teachers' Resources Fair and Project WET (Water Education for Teachers).



"We make a lot of school classroom visits and presentations at neighborhood and community events," Joaquim explains. All this plus helping to judge the Regional Science Fair, assisting with docent programs at the Desert Museum and Saguaro National Park, and helping to run a High School Teacher Internship Program keeps Joaquim and numerous Tucson Water employee volunteers pretty busy. "Participating in local education programs is a very important part of being a responsible water provider, especially in a community where water is such a precious thing," Joaquim says. "We hope our work helps all our customers better understand just how important clean, high quality water is to southern Arizona and our whole nation."

Your WATER Connection

News & Tips for Tucson Water Customers

More Groundwater Wells To Be Put on Stand-By This Summer

Water Table Up In 2002

New wells will be turned on at the Clearwater Renewable Resource Facility this month as Tucson Water continues to expand its use of blended water. At the same time, more groundwater wells in the central city area will be turned off to increase the recovery rate of Tucson's water table. According to Tucson Water Operations Administrator Ted Sroka, five wells will be added at the Clearwater Facility between May and September of this year. "We'll be increasing the amount of water that can be delivered from Clearwater to about 38 million gallons per day," Sroka said.

Continued on Inside

May 2002 <http://www.cityoftucson.org/water/>

11,000+ Students and Adults Have Learned About Water Issues

Tucson Water Goes to School

From shepherding 30 fifth graders on a tour of Tucson Water's Sweetwater Wetlands to lecturing to high school teachers in an intensive workshop, Tucson Water takes education seriously. "Education on water issues is something we feel should be available to all Tucsonans," said Joaquim Delgado.

Joaquim is the Outreach Coordinator for Tucson Water and he spends thousands of hours each year working with children and adults to help them better understand Tucson's water issues.

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Tucson Water's Joaquim Delgado talks with two elementary school students during a tour of the Sweetwater Wetlands.



More Groundwater Wells To Be Turned Off

Water Table Up In 2002

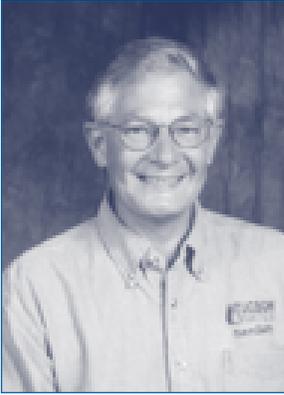
Continued from Front

About 30 groundwater wells in the central city will be put on standby and will remain shut down unless water demand rises too high this summer, Sroka said. Last year, when blended water first began being delivered from the Clearwater Facility, Tucson Water turned off 26 city wells. Wise water use by

Tucson Water customers through the summer allowed the utility to keep those wells off. As a result, hydrologists have reported that Tucson's water table has risen as much as 15 feet in some places.

"We're hoping to increase the water table recovery rate," Sroka says. "Keeping these wells turned off will be a big step in the right direction."





On the Water Front

It's tradition in Tucson. As temperatures soar so does our water use. While using water wisely here is important year round, it is especially important during the summer. We're asking you, our

customers, to once again step up and maintain the tradition of wise water use that has been the practice here for many years.

For decades Tucson survived entirely on groundwater, and each summer, even with your conservation, Tucson Water was challenged to produce enough water to meet the demand. Now we have a vitally important renewable source of water - the Clearwater Facility - which has allowed us to shut down a number of groundwater wells in the central city and let our water table begin to recover from overpumping. We've already begun expanding Clearwater and have just recently turned on new wells there and put more City groundwater wells on standby. Whether we can leave those wells off through the summer will depend on all of us working together to use water wisely. If we're

successful, our water table and our environment will continue to recover.

During the next several months, Tucson Water will be offering all its customers information on ways to save water and providing free assistance in making your homes and businesses "water smart". Again this summer, we'll work with you to reduce water use and improve our environment. After all, it's tradition.

David V. Modeer
Director, Tucson Water

Visit the Tucson Water Web Site at <http://www.cityoftucson.org/water>

The 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: 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.

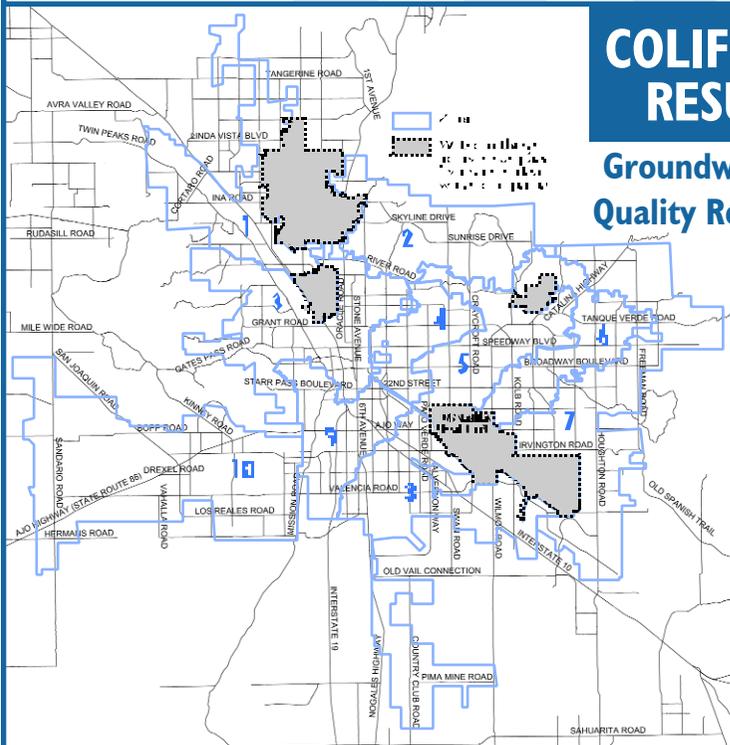
Clearwater Quality Report – April 2002

- 43 Sodium (ppm)
- 269 Mineral Content (ppm)
- 91* Hardness (ppm)
- 8.02 pH (units)
- Neg* Coliform Bacteria
- 0.95 Chlorine level average (ppm)
- 86.1 Temp (deg F)

** Values for March*

GROUNDWATER QUALITY REPORT - February 2002

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	49 36-73	43 42-44	46 16-63	38 27-45	38 31-44	36 28-45	29 20-39	43 38-44	42 39-51	42 40-44	40 16-73
Mineral Content (ppm)	Average Range	356 161-506	282 252-352	321 168-457	238 188-314	257 212-312	254 200-293	226 179-296	361 253-424	274 221-609	235 220-243	279 161-609
Hardness (ppm)	Average Range	201 181-233	113 98-125	150 70-222	98 81-122	108 87-129	116 100-129	112 96-127	172 81-234	92 75-132	77 70-80	120 70-234
pH (units)	Average Range	7.7 7.3-8.4	8.1 7.9-8.2	7.9 7.4-8.3	7.9 7.6-8.1	7.7 7.2-8.1	7.9 7.3-8.2	7.8 7.6-8.0	7.5 7.3-8.0	7.8 7.2-8.2	7.8 7.5-7.9	7.8 7.2-8.4
Temperature (deg F)	Average Range	70 67-73	73 65-78	70 63-75	77 70-83	72 64-81	71 64-79	70 64-78	71 61-78	75 65-82	72 64-83	72 61-83



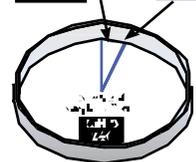
COLIFORM BACTERIA TESTING RESULTS - February 2002

Groundwater Quality Report



TP4 Standard for Positive Samples: 5%

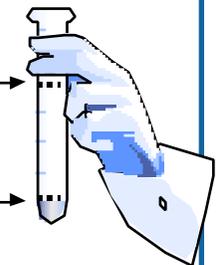
Number of Positive Samples for Total Coliform: 0%



Chlorine Level Average

Chlorine Level

Monthly Average: 0.8 ppm



“PPM” means one part per million & is about the same as one second of time in 11.6 days.

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.