

Clearwater Update

Groundwater Wells Shut Down

June marked a major milestone for Tucson's environment when Tucson Water turned off groundwater wells in the central city. "This is the first time in recent memory that we've been able to shut down wells during the hot days of summer," said Tucson Water Director, Dave Modeer. "This will help preserve our environment and begin to reduce the threat of subsidence in our community."



Tucson Mayor Bob Walkup and Kathy Jacobs, Southern Arizona Director of the Arizona Department of Water Resources, pull the switch shutting down Tucson Water well C-46 at a special ceremony on May 24th. The well is located near Craycroft Road and Fifth Street.

More than 18 million gallons of blended water each day are flowing into Tucson from the new Clearwater Facility. This makes it possible to reduce groundwater pumping in areas where the water table has dropped as much as 250 feet.

1900 - 2001
100 Years of Serving Tucson

Your Water Connection

Tucson Water Website
Offers Detailed Info

Want to Know More About The Water In Your Neighborhood?

Now that the Clearwater Blend is being delivered to Tucson, more customers than ever are interested in the water quality information Tucson Water provides. Of course, there's the Water Quality Report that we have published for several years in this newsletter. But now you can get even more up-to-date and detailed information from our website. This includes a map that will let you zoom in on your neighborhood. It's very valuable if you live near the border of a water quality zone and find it difficult to determine from the printed map which zone you live in.

The web page address is www.ci.tucson.az.us/water/. To find water quality information for your neighborhood, click on the **New Water Quality Information** button, then on the **Water Quality In My Neighborhood** link, and finally on the neighborhood water quality map.

July 2001 <http://www.ci.tucson.az.us/water/>

Please Don't Water the Sidewalk!

City Water Waste Ordinance Strengthened

The City of Tucson's Water Waste Ordinance has been strengthened this summer. Tucson Water customers are asked to please report the following types of outdoor water waste:

- Allowing water to escape from any premises onto public property, such as alleys or streets, or upon any other person's property
- Allowing water to pond in any street or parking lot to a depth greater than 1/4 inch or to permit water to pond over a cumulative surface area greater than 150 square feet on any street or parking lot
- Failing to repair a controllable leak, including a broken sprinkler head, a leaking valve, or a leaking faucet

When a violation is observed, a written notice requiring that the violation be corrected will be given to the customer. If the violation is not

corrected within the specified time, a fine in the amount of \$250 will be assessed for a first-time offense. Subsequent offenses are subject to a minimum fine of \$500.

For more information about the Water Waste Ordinance or for a copy of the entire ordinance, call 791-2616.

**TO REPORT INCIDENTS OF WATER WASTE,
CALL TUCSON WATER AT 791-3242**

FREE – WaterSmart Workshops This Summer

Be water smart year round. These free classes are offered to all Tucsonans who want to learn more about adapting their homes and landscaping to the desert.

July 14, 2001

Tohono Chul Park, 7366 N. Paseo Del Norte, Tucson
1:00-3:00 pm Water Harvesting

August 4, 2001

Pima County Cooperative Extension, 4210 N. Campbell Avenue, Tucson
9:00-11:00 am Water Harvesting
12:00-3:00 pm *Hands-On Drip Irrigation

August 18, 2001

Civano Conference Center, 10501 E. Seven Generations Way, Tucson
1:00-3:00 pm Water Harvesting

*** Participants MUST register for this class at 622-7701. Call your local water company for reservations to the other workshops.**

Visit the Tucson Water Web Site at <http://www.ci.tucson.az.us/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
Para recibir esta información en español, sírvase llamar al 791-4331.

Get Your Prescription for Wise Water Use – Call 791-4331



This summer it's important for all of us to avoid wasting water. Tucson Water is trying to keep groundwater wells in the central part of the city turned off this summer for the first time in years.

Learn more about not wasting water - call 791-4331 or visit Tucson Water's web site at www.ci.tucson.az.us/water/. Remember, if we're water wise the water table will rise.

Clearwater Quality Report

41	Sodium (ppm)
211	Mineral Content (ppm)
70	Hardness (ppm)
8.0	pH (units)
Neg	Coliform Bacteria
1.08	Chlorine level average (ppm)
87.8	Temp (deg F)



On the Water Front



Communication with you, our customers, is something we at Tucson Water are always working to improve. That's the primary reason we've established partnerships

with a number of local organizations to work with us in communicating with you about water issues and water quality.

Through a grant from the U.S. Environmental Protection Agency, Tucson Water has joined with a diverse group of partners - from the Tucson Hispanic Chamber of Commerce to the National Science Foundation - to identify water information needs in the community and better meet those needs.

This collaboration encourages an on-going exchange of questions, answers, and information within the community about Tucson's most vital natural resource - water. The organizations working with us are listed below. Please don't hesitate to contact us with questions, comments, and suggestions about your water and the

service we provide. With your help, we will continue to improve as your public water utility.

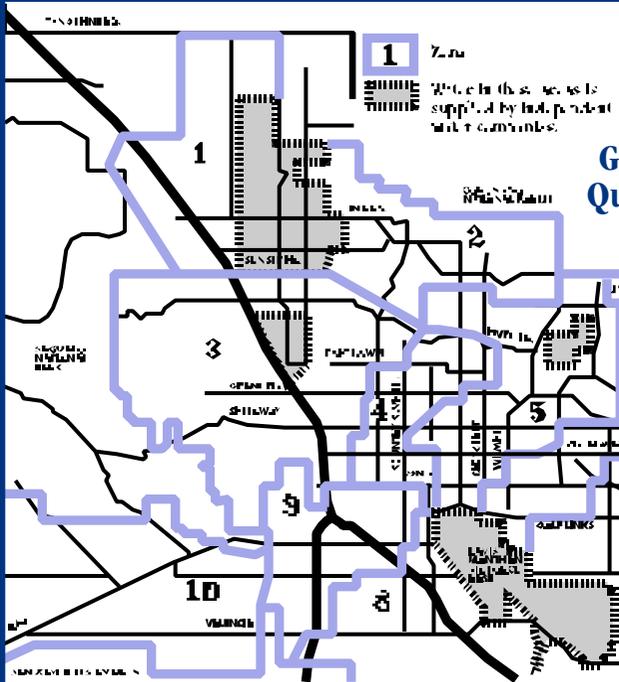
Tucson Water's Community Partners

- Arizona Department of Environmental Quality
- City Citizen and Neighborhood Services
- Pima County Health Department
- Pima County Wastewater Management Department
- Tucson Hispanic Chamber of Commerce
- Tucson-Pima Public Library
- Tucson Unified School District
- U. of A., Departments of Soils, Water and Environmental Sciences
- U. of A., Southwest Environmental Health Sciences Center
- U. of A., Water Resources Research Center

David V. Modeer
Director, Tucson Water

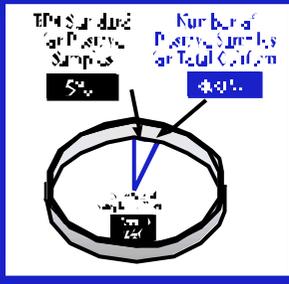
GROUNDWATER QUALITY REPORT - April 2001

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average	53	45	43	32	36	31	28	43	48	42	39
	Range	50-55	41-49	25-62	28-41	27-44	26-35	12-39	40-45	41-68	41-44	12-68
Mineral Content (ppm)	Average	426	299	306	223	241	231	217	293	298	221	266
	Range	188-538	239-330	185-515	194-399	184-305	180-279	168-298	224-422	218-664	218-227	168-664
Hardness (ppm)	Average	197	134	127	89	106	108	108	121	109	80	115
	Range	173-220	103-158	91-206	75-97	87-138	86-119	81-150	105-144	77-161	79-82	75-220
pH (units)	Average	7.5	7.9	7.8	7.9	7.7	7.7	7.8	7.9	7.9	8.1	7.8
	Range	7.2-8.2	7.8-8.1	7.4-8.3	7.7-8.2	7.0-8.2	7.0-8.2	7.3-8.2	7.6-8.2	7.2-8.2	7.8-8.2	7.0-8.3
Temperature (deg F)	Average	75	77	76	79	76	76	76	79	80	79	77
	Range	73-79	70-82	71-82	76-83	71-84	70-79	69-80	71-84	72-87	73-86	69-87



COLIFORM BACTERIA Testing Results - Apr 2001

Groundwater Quality Report



Chlorine Level Average

Range 0.3 to 1.2 ppm

Monthly Average 0.9 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.