



RECLAIMED WATER

Saving Groundwater for Drinking

Winter 2001



LOOK FOR RECLAIMED WATER SIGNS

Purple is recognized nationally as the color identifying reclaimed water. In Tucson, we require all pipes and plumbing fixtures that carry reclaimed water to be marked in purple. Every property where reclaimed water is used is required to have a sign prominently displayed at the main entrance. These signs serve several purposes:

• **Caution**

Reclaimed water is highly treated wastewater that is excellent for irrigation; but it is not for drinking.

• **Community Pride**

Everyone who uses reclaimed water can take pride in his/her contribution towards saving groundwater for drinking.

RECLAIMED WATER IRRIGATES SCHOOL GROUNDS

On October 3, 2001 Tucson Water, the City of Tucson, and Tucson Unified School District (TUSD) announced the conversion of four TUSD elementary schools to reclaimed water irrigation. This brings to 31 the number of TUSD schools using this renewable resource. In 1991, Myers-Ganoung Elementary School became the first TUSD facility to utilize reclaimed water for irrigation. Since then, 30 additional schools have made the change. These 31 schools represent more than 18,000 students and 2,000 TUSD staff members. The latest schools to switch to reclaimed irrigation are Carrillo Magnet School, Kellond Elementary, Manzo Elementary, and Menlo Park Elementary.
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TUSD SCHOOLS USING RECLAIMED WATER

ELEMENTARY SCHOOLS:

Blenman	Fort Lowell	Reynolds
Brichta	Hughes	Roberts
Carrillo	Kellond	Robison
Cragin	Lyons	Steele
Davidson	Manzo	Tully
Drachman	Marshall	Whitmore
Erickson	Menlo Park	
Ford	Myers-Ganoung	

MIDDLE SCHOOLS:

Booth-Fickett	Doolen	Naylor
Carson	Maxwell	Townsend

HIGH SCHOOLS:

Catalina	Santa Rita
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CITY GOLF COURSES USE RECLAIMED WATER

Most golf courses in the metropolitan area where Tucson Water provides service are kept green with reclaimed water. Reclaimed water is produced at Tucson Water's facilities near Prince and I-10 and delivered through more than 100 miles of pipe to all of the City-owned golf courses, nine (9) private courses and a driving range.
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GOLF COURSES USING RECLAIMED WATER

{	Del Urich – City-owned	Star Pass	}
	La Paloma	Gallery at Dove Mountain	
	El Rio – City-owned	Ventana Canyon	
	Raven Golf Club	Heritage Highlands	
	Randolph North – City-owned	Tucson Family Golf	
	Skyline	Tucson Country Club	
	Silverbell – City-owned (uses secondary effluent)		
	General Blanchard (Davis-Monthan Air Force Base)		

SCHOOL GROUNDS

(continued from front)

These schools have been converted through an innovative financial agreement between the City and TUSD that provides the district with up-front funding to improve playground irrigation systems and make them ready to receive reclaimed water. The district repays the City from the savings they realize by using lower-cost reclaimed water. In the future, this program will provide an on-going opportunity for TUSD to convert additional schools to reclaimed water.

Since 1991, more than **3,224 acre feet or 1.05 billion** gallons of drinking water have been saved by using renewable reclaimed water at these facilities. That



represents enough potable water to serve more than 13,000 Tucson families for an entire year. In addition, TUSD and the taxpayers who support the district have saved more than \$980,000 in irrigation costs.



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CITY GOLF COURSES

(continued from front)

There are a number of other golf courses in the metropolitan region that have their own groundwater wells, are served by other water companies, or use wastewater effluent. The City of Tucson has no authority to prohibit these golf courses from using groundwater, but does encourage them to switch to reclaimed water.

