

# pipelines



## IRWD Capital Projects Support Five Decades of Regional Growth



IRWD converted the San Joaquin Reservoir from drinking water storage to a one billion gallon recycled water storage facility in 2004. Here, crews regrade the reservoir to prepare for the installation of a new lining.

Over the past 50 years Irvine Ranch Water District has planned, constructed, operated and maintained an expanding and evolving water and sewage system. Located in central Orange County in California, IRWD provides water, wastewater and urban runoff management services to a population of 340,000 in Irvine, Tustin Ranch, Portola Hills, Foothill Ranch, Santa Ana Heights, Orange Park Acres and portions of Lake Forest, Newport Beach, Costa Mesa, Orange and unincorporated Orange County.

The list of key IRWD projects built over the years includes: the Deep Aquifer Treatment System, the San Joaquin Reservoir Conversion and the Michelson Water Recycling Plant Expansion.

The Deep Aquifer Treatment System came on-line in 2002. This facility purifies drinking water from deep within the Orange County Groundwater Basin. The process removes impurities [Continued on page 2...](#)

### Current IRWD Well-Drilling Activity

If you have noticed IRWD construction activity near your home or business recently, it may be due to the installation of six new water wells taking place throughout the District. Currently, two wells in the City of Tustin, three wells in the City of Irvine and one in the City of Lake Forest are in various stages of construction.

- Two IRWD drinking water wells located on Mitchell Avenue in Tustin were originally drilled in the 1990s but they are not producing water at this time. The District is currently rehabilitating and connecting these two wells to the IRWD drinking water system.
- Three IRWD wells under construction in Irvine include a non-potable water well on Warner/Culver, and two new drinking water wells, one on Dureya near the 55 freeway, and the other near the Culver/I-5 freeway on-ramp. The well on Warner/Culver was re-drilled in August and IRWD plans to install the well's pump and motor over the next few months. This well is expected to be on-line and pumping water for non-potable use by spring 2012. The drilling of the new drinking water wells in Irvine will continue through mid-2012.
- The latest IRWD well site under construction in Lake Forest is near Regency Park. This existing well was re-drilled in May 2011. The installation of its pumps and motor is expected to be completed over the next few months.

When these well projects are complete, water from these wells will be added to both the drinking and recycled water systems, providing more locally-supplied water for IRWD customers.

### Install a Beautiful Garden and Save!



IRWD is offering customers incentives to replace water-thirsty turfgrass with a beautiful water-saving garden.

- Rebate of \$1.50 per square foot of turfgrass removed
- Required minimum of 250 up to maximum of 10,000 square feet of turfgrass removed

**Save Water, Money and Time**  
**Increase Your Property Value**  
**Protect the Environment**  
**Reduce Your Carbon Footprint**



**Before**



**After**

Program details and rebate information available at

[www.alwayswatersmart.com](http://www.alwayswatersmart.com)

or call (949) 453-5581

