

pipelines



Water Quality Report Annual Update

The annual Water Quality Report, also known as the Consumer Confidence Report, was included with your water bill in June. This report contains important information about your drinking water. If you need additional copies, please call 949.453.5300 or pick them up at our headquarters at 15600 Sand Canyon Avenue, Irvine 92618.



IRWD Adopts New Budget & Rates for Fiscal Year 2010-2011

IRWD's 2010 fiscal year begins this month, bringing with it a new budget. Recently, the Board of Directors participated in several public workshops to review and approve the Fiscal Year 2010-11 Operating Budget.

This year's budget, which totals \$108.1 million, represents a \$2.6 million or 2.3 percent decrease over the prior year's \$110.7 million budget. The operating budget provides the funds to serve potable water, recycled water and sewer service to IRWD customers with only an approximate 2.1 percent rate increase for the typical residential customer. With this year's rates, IRWD continues to offer our customers some of the lowest rates in Orange County.

A schedule of IRWD's latest water rates for residential customers is listed on page 2. For more information about the 2010 - 2011 Operating Budget and Rate information, please call IRWD's customer service department at 949.453.5300, email them at customerservice@irwd.com or visit our website at www.irwd.com.



24-Hour Service 949.453.5300

If you discover a disruption in your water service or other problem call the IRWD 24-hour emergency line and a representative will assist you.

24-Hour Online or Mobile Access

Visit our website: www.irwd.com

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IRWD is now on Facebook.com
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Irvine Ranch Water District

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IRWD's YouTube channel is:
IrvineRanchWD

IRWD Honors Science Fair Winners

Each year, the District judges water-related projects at the Irvine Unified School District Science Fair and selects those worthy of recognition. Selection of the winning projects was based on the use of the scientific method, creativity, relevance, completeness of research and evidence of problem solving. Winners this year included:

- David Ho, 11th grade, University High School – "The Effect of Various Modern Chemical Hazards on the Taxis Behavior and the Regenerative Agility of Dugesia Tigrina"
- Jacob Torrey, 7th grade, Plaza Vista School – "Fertilizer, a Naughty Nutrient"
- Karen Yang, 6th grade, Brywood School – "Salt in the Humidifier"
- Ben Roznos, 6th grade, Deerfield School – "Evaporation"

The students were honored at a recent meeting of the IRWD Board of Directors and each received a certificate. In addition, IRWD donates \$100 in honor of each student to their school for the purchase of science equipment or books.



IRWD judged water-related projects at the Irvine Unified School District's Science Fair and selected the following winners, from left: Jacob Torrey, Karen Yang, Ben Roznos and Dave Ho.

IRWD's Calendar Spotlights Families Forward Collection Drive

Families Forward provides services to families facing financial difficulties in south Orange County. The number of families seeking assistance from Families Forward in housing, counseling, education and other support services has doubled in the past year.

This July and August, Families Forward is sponsoring two collection drives for back-to-school supplies and clothing. Go to www.families-forward.org for details on how to help.

To learn more about current local non-profit events and programs, visit the Community Calendar page of the IRWD website in the Community Programs section of www.irwd.com.



Irvine Ranch Water District

The mission of Irvine Ranch Water District, a public agency, is to provide reliable, high quality water and sewer service in an efficient, cost effective manner and environmentally sensitive way that provides a high level of customer satisfaction.

IRWD Board of Directors

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- Peer A. Swan, V.P.
- Steven E. LaMar
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General Manager

Paul D. Jones II

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Out with the old and in with the new: The above photo chronicles the demolition of Michelson Water Recycling Plant's phased-out aeration basins. The photo below depicts the same site with pile driving in production for the new membrane bio-reactor.



Michelson Plant Expansion Update

Phase 2 of IRWD's Michelson Water Recycling Plant Expansion, ongoing through August 2012, will increase the capacity of the plant from approximately 18 million gallons per day (mgd) to 28 mgd.

Crews completed the pile driving on the new membrane bio-reactor structure. This new technology will replace the old sedimentation tanks and the dual media filters with new membrane filters. The result will be high quality recycled water that can be disinfected without further treatment for reuse.

For more about the Michelson Water Recycling Plant, visit the Our Facilities page of the IRWD website in the About Us Section of www.irwd.com.

New IRWD Residential Water Rates

Rates effective July 1, 2010 through June 30, 2011.

Irvine Ranch Rate Area / Potable Water			
Monthly water service charge		\$8.00 (up to a 1" meter)	
Commodity charge	Tier	Allocation	Cost per ccf*
	Low Volume	0-40%	\$0.91
	Base Rate	41-100%	\$1.21
	Inefficient	101-150%	\$2.50
	Excessive	151-200%	\$4.32
Wasteful	201+%	\$9.48	
Los Alisos Rate Area / Potable Water			
Monthly water service charge		\$9.60 (up to a 3/4" meter)	
Commodity charge	Low Volume	0-40%	\$1.40
	Base Rate	41-100%	\$1.97
	Inefficient	101-150%	\$2.75
	Excessive	151-200%	\$4.32
	Wasteful	201+%	\$9.48
Orange Park Acres Rate Area / Potable Water			
Monthly water service charge		\$16.50 (up to 4" meter)	
Commodity charge (3/4" meter)	Standard Tier I	0-10 ccf	\$1.73
	Excess Tier II	11-40 ccf	\$2.07
	Excess Tier III	41+ ccf	\$2.62

*A ccf, or one hundred cubic feet, is the basic measurement of water use. One ccf equals approximately 748 gallons.



Irrigation Tips for July

Brown "hot spots" require extra care. Don't turn up the water if you see a small patch of brown turf. It will mean over-watering other plants and will result in higher water bills. Instead, look for blocked sprinkler heads or an uneven coverage. Adjust the irrigation system or water that spot by hand.

Water your lawn only when it needs it. Check by stepping on the grass. If it springs back up when you move, it doesn't need water. If it stays flat, it's time to water.

For more water-saving irrigation tips, visit www.AlwaysWaterSmart.com.

Cut along dashed line and post this schedule near your irrigation controller.

Suggested Weekly Summer Irrigation Schedule			
Month	Turfgrass	Trees, Shrubs & Ground Cover	% Option**
July & August	4 days, 3 cycles* of 3 minutes each	2 days, 3 cycles of 4 minutes each	100%
September	4 days, 2 cycles of 3 minutes each	2 days, 2 cycles of 4 minutes each	70%

The above chart suggests a weekly schedule for spray-head irrigation, assuming heavy clay soils common to most local coastal and foothill areas. Generally, these are the MAXIMUM times you will need for full sun areas. Your landscape's particular watering times may vary. Start with this schedule and increase the times only if your plants show signs of stress. If stress occurs only in isolated areas, check your irrigation system before increasing the watering time.

*By "cycling" the irrigation controller to turn on for the recommended number of minutes an hour apart, deeper watering and healthier root growth are gained, while runoff is reduced.

**The % option, either a button or a dial, permits the watering run times for all electric valves managed by a controller to be increased or decreased with just one adjustment by percentage.