



Irvine Ranch Water District  
**Construction Notice**

For more info call (949) 453-5500 or visit [www.irwd.com](http://www.irwd.com)

## **April 2012: Project Update for Michelson Water Recycling Plant Expansion**

### Background Overview

IRWD's Michelson Water Recycling Plant began delivering recycled water to agricultural users in 1967. Over the years IRWD's water recycling program grew to a nationally-recognized program that provides recycled water for a variety of other non-drinking water uses. By 2008, MWRP's capacity had grown to 18 million gallons per day (mgd). IRWD service area continues to grow and the recycled water system must grow along with it. Planners estimate that, when the service area reaches "final build out" in approximately 2025, a recycled water capacity of 33 million per day will be required to meet demands. A second plant expansion, currently under construction, intends to increase the plant production by an additional 10 mgd. The expansion project is scheduled for completion in early 2013.

### Project Description and Update

The MWRP Phase II Expansion Project began in September 2009, and will increase the plant's capacity to 28 mgd. The plant's expansion involves 16 facilities including new sewer lines and a flood wall around the plant's boundaries. In order to stabilize the flood wall and sewer, 3000 reinforced concrete piles (14 inch square and approximately 50 feet in length) are currently being installed around the plant by diesel and hydraulic hammers driving the piles into the ground. Poor soils adjacent to and near the San Diego Creek require the piles, which will support the structures and prevent settling over time. The majority of the pile driving on the main road leading to MWRP (Riparian View) was completed last summer and pile driving at the back of the plant, near the San Joaquin Wildlife Sanctuary ponds, was completed in late 2011.

The remaining piles for portions of the new Riparian View flood wall and sewer lines are scheduled to resume mid-April 2012 and work is expected through June 2012, barring no weather delays or construction impacts.

### Work Hours

Typical work hours for this project are 7:00 a.m. to 4:30 p.m. Mondays through Fridays, although crews may need extended hours (on occasion) to complete certain portions of the project. These hours are in compliance with the local municipal code, which allows construction between the hours of 7:00 a.m. and 7:00 p.m. Mondays through Fridays and 9:00 a.m. and 6:00 p.m. on Saturdays.

### Questions

IRWD keeps the community informed through project information and updates available on IRWD's website at [www.irwd.com](http://www.irwd.com). From the home page, please click on the "Construction Projects" tab and then the "Michelson Water Recycling Plant Expansion" link. If you have questions, please contact either Jo Ann Corey or Shannon Reed in the IRWD Public Affairs Department at (949) 453-5500.