



## Inaugural Newsletter

Thank you for joining the IRWD Business Outreach Program. One of the benefits of membership in our program is that you will now begin receiving the Business Outreach Program Newsletter.

The newsletter will feature new things going on at IRWD, key IRWD staff, and will highlight contractors and vendors doing business with IRWD. We will also include tips and information that will be useful to business partners such as you. The next issue will come to you via email, so please be sure we have your email address on file by sending us an email at [publicaffairs@irwd.com](mailto:publicaffairs@irwd.com).

## IRWD Embarks on Largest Capital Project Ever

IRWD's philosophy is that water is too valuable to use only once and that we should maximize the use of recycled water.

Because of this philosophy, IRWD has been recognized as a leader in the recycled water industry for more than 40 years. Recycled water makes up more than 20 percent of IRWD's total water supply, reducing the need to import expensive water and helping keep water rates low.

Wastewater from the community is collected and treated through a highly regulated and controlled three-step process at the Michelson Water Recycling Plant (MWRP) in Irvine and at the Los Alisos Water Recycling Plant in Lake Forest.

Currently, these two treatment plants have the combined capacity to produce approximately 23 million gallons per day of recycled water which can be used immediately or stored in any of the 16 storage reservoirs for reuse later. This highly treated recycled water is

## Tips on Becoming an IRWD Vendor

Suppliers who have not yet done business with IRWD should begin by registering online and completing the Supplier Assessment Information Sheet located on the IRWD web site, [www.irwd.com](http://www.irwd.com). On the front page of our website, under IRWD QUICK LINKS, click on "how to do business with IRWD," scroll down to "links," click on New Supplier / Existing Supplier and follow the instructions accordingly. You must also provide a copy of your business license and tax certificate (W9).

The IRWD Purchasing Department will process and review your submittal. Once the process is complete, you will be contacted and advised of the final status.

"Companies may receive e-mail notifications of bid opportunities and can view public bid postings," said Alex Aguilar, Purchasing Manager. "We want to make it as easy as possible for our vendors."

Information is available by contacting IRWD's Purchasing Department at (949) 453-5718.

delivered to more than 4,000 recycled water use sites throughout the community by a recycled water distribution system which includes more than 300 miles of pipeline.

The MWRP plant is currently producing 18-million gallons of recycled water per day. In September 2009, construction kicked off on the Phase 2 expansion of the plant to increase production to 28-million gallons of recycled water per day. Completion of the project is anticipated by April 2012.



*Demolition of the old aerobic digesters at the Michelson Water Recycling Plant was necessary before new construction could begin.*





Steve Malloy, P.E.

**IRWD's Steve Malloy** is a 31-year veteran of the District with many high-profile projects to his name. His latest challenge is managing the \$87-million expansion of the Michelson Water Recycling Plant.

While Steve has been involved in so many of IRWD's major projects, the Michelson expansion is a highlight. He was originally hired to work on the plant's expansion in 1979 - and now it's finally coming to fruition.

"The construction is running very smoothly," Steve said. "The credit goes to our contractor's expertise, the construction management team's thoroughness, and Operations staff willingness to assist the project be successful."

**Bill Hanley is Filanc's** project manager for the Michelson Water Recycling Plant expansion. He has spent nine and a half years with the company and is responsible for the success of the project, quality and owner relationship. He credits his expert work crew for the smooth-running of the project to date: Project engineers Sean MacGregor, Abdiel Picazo, Jr., Glenn Schwenger and Chris Ludlow; Superintendent Henry Oast and Assistant Superintendent Pat Wetzel. Especially receiving accolades from Bill is the IRWD Operations team of Manager Mark Gingras and supervisors Lester Busald and Dave Hayden.

"It's great to work with such a highly qualified and professional group," Bill said. "We are pleased that the project is running five months ahead of schedule."



Bill Hanley, P.E.

### Business Outreach Program

Information, collaboration and communication are the key goals of the IRWD Business Outreach Program. Participants receive updates on key IRWD projects, vendor opportunities and programs, and information on water policy, legislative and regulatory matters that affect the business community.

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### Michelson Water Recycling Plant Phase-2 Expansion Project Partners

Contractor  
J.R. Filanc Construction Company

Major Subcontractor  
Bergelectric Corporation

Project Management  
IRWD/Malcolm Pirnie

Design Engineers  
HDR/Tetra Tech

IRWD Senior Construction Manager  
Steve Malloy, P.E.

Filanc Project Manager  
Bill Hanley, P.E.

Cost of Project - \$87 Million

Estimated Completion - April 2012



*Left, above, more demolition of old infrastructure at the Michelson Water Recycling Plant and below, drilling and pile installation for new membrane bioreactor.*