

# the pipeline

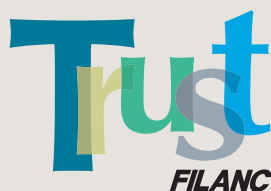
APRIL 2009

NEWS OF OUR COMPANY, CLIENTS, AND INDUSTRY PARTNERS

## Coming up in Arizona

The Tonapah Desert Recharge Project (TDRP) is one of five such facilities developed by the Central Arizona Project for long-term storage of Colorado River water in aquifers in Maricopa, Pinal and Pima counties.

In June 2009, the Filanc Repair & Maintenance Division will begin work at the TDRP, furnishing and installing an automated trashrake for the facility. Our scope of work will include structural modifications, installation of a retaining wall, curb, handrail, and electrical systems, and installation of control wiring that will allow the trashrake to communicate with the existing SCADA (supervisory control and data acquisition) and Ethernet (local area network technology) systems. ■



## EMWD expanding Moreno Valley facility



When the Eastern Municipal Water District (EMWD) was formed in 1950, it was a small agency serving a primarily agricultural area in Riverside County, Calif. Fifty-nine years later the majority of the district's customers are domestic, the population of the 555-square-mile service area approaches 700,000, and EMWD is one of the largest marketers of recycled water in California.

Today EMWD is challenged to continue to improve and expand its facilities, one of which is the Moreno Valley Regional Water Reclamation Facility. This facility opened in 1968 at one million gallons per day, currently averages 11.5 mgd, and is now being expanded to achieve an overall annual average flow of 15.7 mgd and a tertiary capacity of 22 mgd.

For the Moreno Valley RWRF Secondary Clarifiers and Tertiary Expansion Project, Filanc is constructing two circular secondary clarifiers, expanding the existing chlorine contact tank, completing modifications to the blower room and aeration systems, and installing new tertiary filters. Our crews also are constructing three new masonry electrical buildings, installing numerous underground pipelines and ductbanks, and completing upgrades to the programming and control systems, various other junction boxes, and flow control systems.

"EMWD has identified several strategic challenges, one of which is to continue operating existing facilities without service interruptions during expansion," notes Filanc Project Manager Bill Hanley. ■

## City of San Diego taps Filanc for design-build services

Filanc and its design-build partner, HDR Engineers, are providing design-build services for various piping and mechanical projects of the City of San Diego's Metropolitan Wastewater Department (MWW).



Two of these projects are at the City's Metro Biosolids Center (MBC), a state-of-the-art regional biosolids treatment facility constructed in 1998 on 39 acres near the Miramar Landfill. At the MBC facility, raw sludge from

the North City Water Reclamation Plant (NCWRP) is thickened and digested, and wet biosolids from both NCWRP and the Point Loma Water Treatment Plant are dewatered.

For the MBC Chemical Storage & Handling System—Phase 1 project, Task 1 will involve the construction of improvements to MBC's chemical systems and odor control facility. This facility houses the bulk storage and handling systems for all the chemicals used at the plant, including the plant's main odor-control systems. Work will include modifying the caustic soda and sodium hypochlorite feed systems.

A second project, MBC Biosolids Screen and Blending Tank Improvements Task 2, will find Filanc crews replacing existing thickened sludge (TSL) feed pumps with larger-capacity pumps; bypassing the biosolids screens, blending tanks, and digester feed pumps; and realigning the existing TSL piping to allow direct pumping from the TSL

wetwell to the digesters.

David Kiess, Filanc Repair & Maintenance Division director of operations, reports that 90 percent drawings have been submitted, and construction is slated to begin on both projects late this month. ■

### Eco-Friendly Business Practices

In one more step toward becoming carbon-neutral, Filanc has said good-bye to five-gallon plastic water bottles—delivered to our Escondido headquarters every two weeks—and converted to a far greener means of supplying drinking water. We now have two coolers that filter our tap water via three types of filters, including UV. Not only have we reduced our use of plastic, which sits in landfills or the ocean for thousands of years before breaking down, we've also reduced our dependency upon trucks to deliver our drinking water.

## Promoting construction as a career choice

**T**he Associated General Contractors, San Diego Chapter recently formed its AGC Foundation for Success Committee, charged with reaching all segments of the community to promote the construction industry as a career choice. The committee has identified the Stanley E. Foster Construction Tech Academy in San Diego as a prime source of high-school age recruitment and has launched a fundraiser to support the AGC Summer Jobs Program for

Construction Tech students.

"We're seeking donations from throughout the industry to help pay for tuition, books, and miscellaneous student expenses," says Filanc Human Resources Manager Teresa Estrada, who sits on the Foundation for Success Committee.

Donations to the Foundation for Success will also support students pursuing careers in construction at San Diego State University's J.R. Filanc Construction Engineering and Management Program. ■



*At Construction Tech Academy, students explore construction, architecture and engineering through a contextual, hands-on, rigorous curriculum that prepares them for direct entry into colleges, apprenticeships or careers.*

## A new twist on working safely

**"S**afe workplace practices come in many guises, including improving wellness," says Filanc Health & Safety Director Dave Little. "Healthy people are safer people; it's that simple."

Recognizing that one key aspect of good health is weight control, Filanc recently introduced a six-week weight-loss challenge that garnered impressive results. The winning team lost a combined total of 10.78 percent of body weight. ■

## New university aimed at maximizing potential

**F**ilanc Construction University (FCU) is our company's newest and most comprehensive means of helping all employees maximize their career potential and of building the leaders needed to fuel our continued growth.

"People drive this organization and will continue to be our most important asset," says Filanc Human Resources Manager Teresa Estrada. "FCU is a key element in our company's ongoing effort to ensure that our people achieve their highest career goals and that our customers are served by the highest-quality professionals in the industry." ■

## Furthering construction education

Construction management students from the University of Arizona, California State Polytechnic University Pomona, and Cal Poly San Luis Obispo were recently awarded \$4,000 scholarships under the Filanc Scholarship Program.

Elizabeth Weaver, U of A senior director of development, echoed our thinking precisely when she wrote in a letter, "Scholarship support is truly the gift that keeps on giving."

In addition to our Scholarship Program, Filanc offers summer internships to construction management students at the three universities. ■



*Nicolas Cuevas-Gomez, an engineering management major at the University of Arizona, received a \$4,000 scholarship.*

## Fresnans golf and give

The Fresno Department of Public Utilities held its 5th Annual Golf Tournament recently, raising \$3,000 for the Community Food Bank.

"Filanc has been working with the Fresno Department of Public Utilities personnel for more than two years during the completion of the Fresno/Clovis Regional Water Reclamation Facility Organic Upgrade project," says Project Manager Kevin Riley, "and they've been great partners. We were more than pleased to answer their call for tournament sponsors." ■

## EnerTech CEO recognized for innovation and achievement

"Kevin Bolin, CEO of Atlanta based EnerTech Environmental, is credited with helping California municipalities



find a new fuel source to help the state meet its renewable portfolio standard" noted Engineering News-Record (ENR) in naming him one of *The Top 25 Newsmakers of 2008*.

Kevin's firm owns the recently opened waste-to-energy Rialto

Regional Biosolids Processing Facility, where the SlurryCarb™ process is converting biosolids into renewable fuel. HDR Design-Build provided engineering, procurement, and construction services, and Filanc provided much of the procurement and all of the field construction to complete this groundbreaking, news-making project.

"It's no wonder Kevin has been honored in this way," says Mark Filanc. "I don't exaggerate when I say he is a true visionary with an amazing ability to gather the necessary forces and hold them together through every up and down." ■

## Dig Deeper

Would you like to read more about some of the people, companies, organizations, and issues mentioned in this newsletter? Visit:

[www.communityfoodbank.net](http://www.communityfoodbank.net)—Community Food Bank, Fresno, Calif.

[www.fresno.gov](http://www.fresno.gov)—City of Fresno Department of Public Utilities

[www.enertech.com](http://www.enertech.com)—EnerTech Environmental

[www.hdrinc.com](http://www.hdrinc.com)—HDR Design-Build

[www.carollo.com](http://www.carollo.com)—Carollo Engineers

[www.enr.com](http://www.enr.com)—Engineering News-Record

[www.emwd.org](http://www.emwd.org)—Eastern Municipal Water District

[www.sandi.net/hsrenewal](http://www.sandi.net/hsrenewal)—Construction Tech Academy

[www.sandiego.gov/mwwd](http://www.sandiego.gov/mwwd)—City of San Diego Metropolitan Wastewater Department

[www.cap-az.com](http://www.cap-az.com)—Central Arizona Project

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