

## AWARDS



Rushing

**Jason Rushing**, a senior project engineer in the Washington, D.C. office of Malcolm Pirnie Inc. has received the firm's 2009 Paul L. Busch Prize, honoring his outstanding leadership and technical achievements. Established in 2000 to honor Malcolm Pirnie's late President, Chairman and CEO Paul L. Busch, the prize recognizes a non-management staff member who best demonstrates commitment to the area of leadership. Rushing has more than a decade of environmental engineering experience, including industrial and domestic wastewater treatment, groundwater remediation, and drinking water quality and treatment. He has a bachelor's degree in civil engineering and a master's degree in environmental engineering from Virginia Polytechnic Institute and State University.

**Gatze Lettinga** has been awarded the 2009 Lee Kuan Yew Water Prize for his environmentally sustainable solution for the treatment of used water using anaerobic technology. The prize is an international award recognizing an individ-

ual or organization for outstanding contributions in the field of water. Lettinga's revolutionary treatment concept, selected from among 39 international nominations, uses industrial water cost-effectively and produces fertilizers, soil conditioners, and renewable energy. Lettinga chose not to patent his technology to allow it to be applied universally. The technology is used in almost 3,000 reactors around the world, representing 80% of all anaerobic used water treatment systems.

The **Fiesta Village Advanced Wastewater Treatment Plant** has received the 2009 Earle B. Phelps Award in the advanced wastewater treatment plant category from the **Florida Water Environment Association**. The award, established in 1964, honors outstanding wastewater plants in Florida that have maintained the highest removal of pollutants. The 5-mgd treatment plant uses the TETRA® system from **Severn Trent Services** for simultaneous nitrate-nitrogen and total suspended solids removal. The effluent produced is either used for reclaimed water or put back into the

water system. The use of reclaimed water helps to reduce the demand on potable water supplies and to meet irrigation needs.


**MIOX Corp.**, which provides onsite generation of hydrochlorite and mixed oxidants for water disinfection, has placed ninth in The Artemis Project™ Top 50 Water Companies Competition. MIOX was selected for its technology that treats water using only salt, water, and clean power to generate onsite dilute disinfectant. Creating disinfectant onsite reduces carbon emissions, fuel consumption, and transportation requirements and eliminates the storage and disposal of chemical containers. In this first competition, winners were selected by a panel of industry experts who reviewed the company's products and rated them based on an integrated matrix of criteria, including technology innovation and management team expertise. The award was created to honor advanced water and water-related companies and promote venture-grade investment opportunities in the water sector.

The Global Water Awards has presented its 2009 "Water Deal of the Year" Award of Distinction to **Pacific Environmental Resources Corp. (PERC)** and **Alinda Capital Partners LLC** for their work on the Santa Paula Water Recycling Facility. Votes for the awards were cast by readers of *Global Water Intelligence*, an international news magazine for water industry professionals and members of the International Private Water Association and International Desalination Association. The award, which helps to promote public-private partnerships in the international water sector, was presented April 27 in Zurich, Switzerland, by Al Gore, former US vice-president and Nobel laureate. The recycling facility, located in Ventura County, Calif., is the first of its type built under California's new regulations encouraging private investment

in public infrastructure projects. PERC, headquartered in Costa Mesa, Calif., has designed more than 55 water recycling facilities throughout the United States. Alinda is an independent investment firm that specializes in infrastructure investments for communities, businesses, and government.

The Singapore Marina Barrage and Reservoir Project has won a National Honor Award in the **American Council of Engineering Companies's (ACEC's)** 2009 Engineering Excellence Awards competition. The project, undertaken by **Singapore Public Utilities Board (PUB)** and **CDM**, created the 240-ha Marina Reservoir, which features an intake and a 432 × 10<sup>6</sup> L/d pumping station that convey raw, desalinated water to the islandwide water system. Marina Barrage, completed on schedule and within its \$180 million budget, greatly reduces stormwater and tidal flooding in downtown Singapore through the use of massive crest gates and drainage pumps and augments a sustainable water supply serving 4.8 million people.

The ACEC also presented a 2009 Grand Conceptor Award for the Orange County Groundwater Replenishment System, designed by CDM to convert highly treated wastewater into an indirect potable water source. The \$480 million system treats effluent with a multibarrier approach: microfiltration for pretreatment; ultraviolet light for bacteria, emerging contaminants, chemicals, and viruses; and reverse osmosis for purification. Following treatment, the purified water is injected into an underground seawater barrier or percolated into aquifers before becoming part of the county's drinking water supply. As part of the project, CDM also designed supporting chemical systems, an electrical substation, three water pumping stations, more than 13 mi of transport pipeline, 3 mi of barrier pipeline, and 16 injection wells on eight sites.

 **American Water Works Association**

AWWA is the authoritative resource for knowledge, information, and advocacy to improve the quality and supply of drinking water in North America and beyond. AWWA is the largest organization of water professionals in the world. AWWA advances public health, safety, and welfare by uniting the efforts of the full spectrum of the drinking water community. Through our collective strength we become better stewards of water for the greatest good of the people and the environment.

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TRANSITIONS



Begale

Badger Meter Inc. has announced the election of two corporate officers: **Fred J. Begale** has been named vice-president—business development and **Kimberly K. Stoll** was named vice-president—marketing. Begale joined Badger Meter in 2007 as director of business development. Previously, he spent 17 years with Eaton Corp. where he was involved in research and development. He holds a bachelor’s degree in chemistry from the University of Washington–Green Bay and a master’s degree in engineering from the Milwaukee School of Engineering. Stoll most recently served as director of utility marketing at Badger Meter. Prior to that position, she was marketing manager for Dorner Manufacturing, worked at Rockwell Automation in various capacities, including marketing, communications, and human resources, and was an attorney at two



Stoll

Milwaukee law firms. She is a graduate of the University of Wisconsin–Madison and holds a law degree from Marquette University.

AMEC, an international engineering and project management company, has named **Mike Worlton** as a senior member of its earth and environmental division and leader of a new water and wastewater practice in Arizona. His background includes the analysis and design of water, sewer, and force mains; wells and tanks; pumping and lift stations; water and wastewater treatment plants; and reservoirs. He is a registered civil engineer in Arizona and California and a Leadership in Energy and Environmental Design certified professional. Worlton holds bachelor’s and master’s degrees in civil engineering from Brigham Young University.

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Liberatore

GE Water has named **Frederick Liberatore** as global director—process separations. With more than 20 years' experience in the process membranes business, Liberatore will lead a global team to develop new business and applications. Before his new role, he was GE Water's global technical marketing manager for food and beverage. He began his career as project manager for reverse osmosis and ultrafiltration for Desalination Systems Inc., serving as application engineer, sales engineer, and director. He holds a bachelor's degree in mechanical engineering from West Virginia University.

### OBITUARIES

**Joe Aja** of San Francisco, Calif.

**Walter L. Bryant Jr.** of Koloa, Hawaii

**William T. Bush** of Smyrna, Ga.

**W.O. Chisholm** of Markham, Ont., Canada

**Ben B. Ewing** of Mercer Island, Wash.

**William S. Harris** of Cherry Hills, N.J.

**Rick Hiller** of Irmo, S.C.

**Waldemar S. Nelson** of New Orleans, La.

**Louis W. Roznoy** of Nokomis, Fla.

**Terrence Sack** of Columbus, Ohio

**Robert S. Shierry** of Champaign, Ill.

**C.W. Walkenhorst** of St. Charles, Mo.

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