



American Water Executives Speak At National Water Reuse Symposium

Company's Tampa Bay Desalination Project Also Featured

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American Water executives will address attendees of the 20th Annual WaterReuse Symposium on September 18-21, at the Denver Grand Hyatt. Attendees will have the opportunity to learn about American Water's use of advanced technology for wastewater treatment during two sessions, "The Solaire, A Residential Reuse High Rise" and the "Microbial Quality of Urban Reuse Water." Each session will reinforce American Water's dedication to the beneficial reuse of materials whenever possible to reduce both cost and environmental impact.

Tampa Bay Water's Seawater Desalination Plant, the largest of its kind in the United States, also will be featured as part of the symposium's expanded programming, which is focusing "on both water reuse and desalination as alternative sources in today's water-scarce world." American Water and its European sister company Pridesa have managed the facility since they were unanimously appointed by The Board of Directors of Tampa Bay Water in November 2004. Since then the Company has directed the remedial design, construction and operation of the 25 million-gallons-per-day facility that turns seawater into freshwater.

Michael Zavoda P.E., Senior Project Engineer from American Water's Applied Water Management Group, will present, "The Solaire, A Residential Reuse High Rise" on the symposium's opening day. The Solaire, a 293 unit residential apartment building in New York City's Battery Park, is the first and only building of its kind to receive a LEED (TM) gold certification by the U.S. Green Building Council. The Applied Water Management Group of American Water designed, built and now operates the 25,000 gallons per day (GPD) independent wastewater system located in the building's basement, which recycles and treats the building's sewage for reuse. Zavoda has designed natural based wastewater reuse systems and also has contributed to the planning and development of schools, office buildings, and shopping centers.

Immediately following Zavoda's session will be his colleague Mohammad R. Karim, Ph.D., an Environmental Scientist, who will be presenting the "Microbial Quality of Urban Reuse Water." His presentation will focus on the extensive research into the effectiveness of membrane bioreactor treated reclaimed water.

Dr. Karim joined American Water in February 1999 and is an Environmental Scientist in the Innovation & Technology group at American Water's Research Lab in Delran, NJ. He has been the principal investigator, or co-investigator, on various research grants from the AWWA Research Foundation and the Water Environment Research Foundation. Dr. Karim is a member of the American Water Works Association, the American Society for Microbiology, and the International Water Association.

"Membrane bioreactors, like those used in The Solaire and studied by Dr. Karim, are the leading edge technology for advanced wastewater treatment," explains Dr. Mark LeChevallier, Director of Innovation and Environmental Excellence for American Water. "Membrane bioreactors are compact, automated, computer controlled systems that produce a very high quality effluent, suitable for reuse in irrigation, sanitation, and groundwater replenishment. These facilities, and over two dozen other membrane bioreactors operated by American Water, demonstrate the company's commitment to sustainable water management through reuse and environmental stewardship."

The WaterReuse Association's Annual Symposium is being co-sponsored by the Water Environment Federation (WEF) and the American Water Works Association (AWWA). This year's theme is Water Reuse & Desalination: Mile High Opportunities.

With a history of more than 100 years, American Water provides high quality water, wastewater, and other related services to more than 18 million people in 29 states and 3 Canadian provinces. American Water is an integrated part of RWE's water division, which includes London-based Thames Water. More information can be found by visiting www.amwater.com

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