

The US Food and Drug Administration has cleared **AmeriWater's** (SUEZ ENVIRONNEMENT) Heatsan dialysis heat disinfection system, an innovative design that can disinfect two separate distribution loops while providing hot water to dialysis machines. ♦

North America NIVUS honored with CIWEM Award



In close cooperation with Severn Trent Water and Morison Utility Service, NIVUS GmbH was named winner in the CIWEM West Midlands and IOW Innovations Showcase. The winning flow measurement system, based on the ultrasonic time-of-flight measurement principal, provides very high accuracy at very low cost, featuring a significant reduction in the carbon footprint.

PWQA news roundup

The Pacific Water Quality Association (PWQA) will award an individual who is employed by a PWQA Member Company or is related to an individual that is employed by a PWQA Member Company a scholarship valued at \$1,000 (USD). More information about the scholarship application can be found at www.pwqa.org. The organization will launch its an-

nual Legislative Days (March 23-24) in Sacramento, CA, to give industry players the opportunity to meet their legislators in the company of fellow organization members and lobbyists. PWQA will provide training, including history of past legislation so that attendees are prepared to introduce themselves as experts in the water improvement industry. Please call the PWQA office, (760) 644-7348, if you plan on attending.

FWQA convention details announced

The Florida Water Quality Association announced its 2015 Convention and Trade Show is scheduled for June 4-6 at Caribe Royale Resort in Orlando. The trade show will begin June 5. Educational seminars, also on that date, will offer a range of topics, including chemical dosing, the newest media, water treatment for food service and light commercial applications and more. There will also be problem-solving roundtable discussions. A review of water treatment and service fundamentals on June 6 will wrap up the convention and WQA Certification Exams will be held that afternoon. For more information visit www.fwqa.com or contact Suzanne Trueblood, FWQA Executive Secretary, at (863) 644-6622 or email flwqa@aol.com.

WILO recertification announced

WILO USA secured a three-year recertification of its *ISO 9001* quality management certification and continuation of its *ISO 14001* environmental management system certification. *ISO 9001* standards provide guidance and tools for manufacturing companies to ensure that their products and services consis-

tently meet customer's requirements and quality is consistently improved. Quality management principles include: customer focus, leadership, involvement of people, process approach, system approach to management, continual improvement, factual approach to decision making and mutually beneficial supplier relationships. *ISO 14001* helps any company looking to control their environmental impact and improve environmental performance. This standard provides organizations with the element of an effective environmental management system that can be integrated with other management requirements and help organizations achieve environmental and economic goals.

WRF study validates hexavalent chromium treatment technology

The Water Research Foundation (WRF) recently completed bench- and pilot-scale testing to explore treatment process efficacies for removing hexavalent chromium (Cr (VI)) from the Soquel Creek Water District's groundwater supplies. The primary goals of this study were to evaluate Cr (VI) removal performance of strong-base anion exchange (SBA-IX) and to compare and validate commercially available SBA-IX resin performance in terms of Cr (VI) exchange capacity, regeneration quality and frequency requirements. These tests also investigated innovative brine management techniques, including brine reuse and treatment methods, which would render the spent brine waste less hazardous and reduce expenses due to costly disposal. The two-phase research, conducted with water from the Soquel Creek Water District San Andreas, well proved that SBA-IX can be effective for Cr (VI) treatment under the given water quality conditions.

WC&P Glossary of Terms

ANSI	American National Standards Institute	gpd	gallons per day	POU	point of use
ASPE	American Society of Plumbing Engineers	gpm	gallons per minute	PVC	polyvinylchloride
CDC	Centers for Disease Control and Prevention	IAMPO	International Association of Plumbing and Mechanical Officials	RO	reverse osmosis
CI	Certified Installer	MF	microfiltration	TOC	total organic carbon
CIP	clean in place	NOM	natural organic matter	THM	trihalomethane
CWS	Certified Water Specialist	NGWA	National Ground Water Association	TDS	total dissolved solids
DI	deionization	NSF	National Sanitation Foundation	UF	ultrafiltration
DBP	disinfection byproduct	OEM	original equipment manufacturer	US EPA	US Environmental Protection Agency
EDI	electrodeionization	ORP	oxidation-reduction potential	UV	ultraviolet
FDA	US Food and Drug Administration	PE	Professional Engineer	VFD	variable frequency drive
FRP	fiberglass reinforced plastic	PLC	programmable logic controller	VOC	volatile organic compounds
GAC	granulated activated carbon	POE	point of entry	WQA	Water Quality Association
				WRF	Water Research Foundation

Blue I enters US pool market

The US residential swimming pools market has gained another player with a new partnership agreement between Blue I and Grand Materials of Phoenix, AZ. Grand Materials will begin by marketing Blue I's Prizma water quality analyzer and controller, which is now wi-fi-enabled and supported by the iPrizma smartphone application for remote control and water quality reports.

Success for 2014 pool show

The 2014 International Pool | Spa | Patio Expo made a splash as it returned to Orlando, FL for the first time in seven years last November, bringing the region an impressive display of industry products, education and networking opportunities. The expo drew 11,103 attendees from across the country and around the world, a strong showing from the global pool, spa and outdoor industries. Attendees experienced a 148,600-square-foot exhibit hall packed with brand new industry product launches, innovative show floor features and an unmatched line-up of on-floor events. The PSP Expo's conference program, prize giveaways, celebrity appearances and many other new show features added to the success of this year's event.

Europe drinktec advisory board appointed

With the appointment of the Advisory Board, preparations for drinktec 2017 have now begun. So far, Volker

Kronseder, Chairman of Kronos AG and President of the Advisory Board was confirmed in office. The Advisory Board represents the interests of the companies exhibiting at drinktec. The dates for the next edition of the 'world's leading trade fair for the beverage and liquid food industry' are September 11-15, 2017 in Munich, Germany.

Middle East Mega desal plant contract announced

Energy Recovery, Inc. announced the company was awarded the Mirfa mega desalination plant project for its highly reliable PX pressure exchanger technology in Abu Dhabi, United Arab Emirates. Mirfa has a production capacity of 136,000 cubic meters per day, tying with the Fujairah 1 Expansion as the largest desalination plant reference for energy recovery in the UAE. After the new technology is fully integrated into the plant, the project will have total power generating capacity of 1,600 megawatts and the capacity to deliver nearly 240,000 cubic meters of drinking water per day.

Asia Water Expo China 2014 achieved record-high attendance

Water Expo China 2014, December 1-3, 2014 has been hailed as a major success. According to the organizers, the 2014 fair attracted 320 exhibitors from 24 countries and regions, as well as 24,408 visitors from 40 countries and regions. Domestic

visitors numbered 20,802 and 3,606 were international visitors. The event welcomed 50 domestic and overseas visitor delegations with the support of various overseas and domestic government agencies and trade associations. Both new and returning exhibitors to Water Expo China saw the exhibition as an effective platform for business expansion in China.

Strongest global exhibitor participation at Eco Expo Asia 2014

Eco Expo Asia, held October 29 to November 1 closed its 2014 edition on a high note. The show saw its strongest global presence yet. In attendance were 308 exhibitors representing 22 countries and regions. These industry experts gathered to showcase a wide spectrum of innovative green products and solutions. By covering everything from energy efficiency and green building solutions to waste management and air purification technologies, the fair offered both trade professionals and the general public ways to facilitate sustainable development. The fair's international environment was further bolstered by 10,817 visitors from 89 countries and regions. Visitors targeting location-specific exhibitors took advantage of various pavilions to streamline sourcing. Clustered by country, returning pavilions included Canada, Japan, Russia and Switzerland, as well as Chinese mainland pavilions for Foshan, Guangdong, Guangzhou, Macau and Shenzhen. Sweden made its debut participation, along with the Netherlands and Korea pavilions.