Company News

**'GREEN' RO ANTISCALANT SET FOR LAUNCH**

BWA Water Additives will announce a new biodegradable antiscalant for RO systems at the Perth IDA World Congress in September. The new product – Flocon 885 – is considered to be an excellent calcium carbonate and barium sulfate scale inhibitor.

Although specific regulations are still being developed, there are two industry-accepted standards for measuring biodegradation, the 28-day OECD 306 for seawater and the 35-day OECD 302b for fresh water. Flocon 885 is readily degradable in seawater with an OECD biodegradability rating of 63 percent and inherently biodegradable in fresh water with a biodegradability rating of 44 percent.

Company president Paul Turgeon told *WDR*, “There is growing global awareness for the environmentally responsible use of chemicals in water treatment, especially applications like RO where the concentrate is often untreated and returned to the ecosystem.”

The product is certified to ANSI/NSF Standard 60 for use in reverse osmosis systems producing potable water.

**IN BRIEF**

**NanoH2O** has officially launched its new QuantumFlux™ RO membrane technology, which it says will deliver more water with up to 20 percent less energy. The spiral-wound, thin film nanocomposite membrane elements are also said to maintain “best-in-class” salt rejection. The membranes are cast, coated and rolled at NanoH2O’s fully integrated manufacturing plant in El Segundo (Los Angeles), California.

**Voltea** was awarded €1.2 million ($1.74 million) by the Dutch Ministry of Infrastructure and Environment’s Small Business Innovation Research program to further develop its CapDI capacitive deionization technology, for use in recycling wastewater for agricultural use. The award follows the successful completion of a €50,000 ($72,620) feasibility study. Voltea was the 2010 GWI/WDR Technology Idol.

On the eve of its rainy season, Florida’s Key West has registered its driest recorded February-through-April period to date. To meet its potable water requirements, the **Florida Keys Aqueduct Authority** (FKAA) has operated its 6 MGD (22,710 m³/d) Florida City BWRO plant at full capacity. The plant was first put in operation in January 2010. Its product water is blended with an additional 13 MGD (49,205 m³/d) of Biscayne Aquifer water and pumped through a 130-mile (208km) long transmission main to all of South Florida.

China’s Lee & Man Paper Manufacturing Ltd has installed a 65,000 m³/d (17.2 MGD) UF plant using **inge water technologies** Multibore membrane modules. The plant filters water from the Zhujiang River for use in producing boiler feedwater for steam generation at its 730,000 T/yr corrugated paper plant in Huanyong, Guangdong Province.

**H2O Innovation** announced that Vikas Garud, its senior application and process engineer, and his former colleague Ashok Gadgil, have won the European Inventor Award 2011 in the Non-European Countries category for their UV WaterWorks patent that provides a cost-effective, easy-to-use solution for water purification.

**PEOPLE**

Sydney Water has appointed **Kevin Young** as managing director to replace **Dr Kerry Schott**, who asked the board not to extend her five-year contract. Young is currently the managing director of Hunter Water Corporation and chair of Water Services Association of Australia. He will take up the new position on the 1st of August.

**Isao Takekoh** has announced that he will retire from Sumitomo Corporation at the end of this month. In addition to his long-time desalination development role at Sumitomo, he has been an IDA director and is expected to be named president of the Japan Desalination Association in July. He may be contacted at isao-takekoh@world.odn.ne.jp.

**JOBS**

**CSM WOONGJIN CHEMICALS** Singapore office is seeking a Singapore-based Sales Manager to develop customer relationships, identify opportunities for mainly Singapore and the Southeast Asian Market. Candidates must have a minimum of three years of experience in the water treatment business field, have knowledge on reverse osmosis and able to liaise with English & Mandarin clients fluently. Email resume to EBLEE@wjchemical.co.kr.

**SPI** has an immediate opening for a Project Engineer based in Carlsbad, California. Responsibilities include membrane system design, pilot testing and full-scale facility process optimization with up to 25% travel. The ideal candidate will have a MS degree in civil, environmental or chemical engineering with 3 to 5 years’ experience. Email resume to hr@spi-engineering.com.