

Southwest Membrane Operator Association (SWMOA)

December, 2007

Newsletter No.2

As of December 4, 2007 we are 233 members strong and continuing to grow rapidly!

A **Board Election** was held in late November with the results announced during the last Board meeting on December 6. During the meeting, Committee Chairs were also elected by the Board. The Board and Committee Chairs are as follows:

SWMOA Board

President: Mehul Patel
Vice President: Scott McClelland
Treasurer: Carl Spangenberg
Secretary: Lynne Gulizia
Director: Steve Duranceau
Director: Khos Ghaderi
Director: Jeff Mosher
Director: Wyatt Won

Committee Chairs

AMTA Liaison: Jim Elliott
Awards: Mehul Patel
Bylaws & Policies: Scott McClelland
Nominations/Elections: Lynne Gulizia
Executive: Mehul Patel
Finance: Carl Spangenberg
Legislative: Jeff Mosher
Membership: Wyatt Wong
Operator Certification: Khos Ghaderi
Publications/Newsletter: Jim Elliott
Program: Scott McClelland
Public Relations: Jim Elliott & Lynne Gulizia – Co-chairs
Technology Transfer: Khos Ghaderi

Our **second Membrane Plant Operator Training workshop** was held at the Irvine Ranch Water District on September 27th. Attendees received 5 Contact Hours for California Water and .55 Education Points for California Wastewater. The workshop was a sellout with 57 attendees.

Special thanks go to the following speakers:

- Lynne M. Gulizia (Toray Membranes, USA); *Introduction to Reverse Osmosis and Nanofiltration Technology*
- R. Shane Trussell, Ph.D., P.E.; *Basics of Membranes: Microfiltration (MF) and Ultrafiltration (UF)*
- Coli Ali (Professional Water Technologies, Inc.); *Pretreatment & Fouling*
- Mark Wilf, Ph.D. (Tetra Tech, San Diego); *Membrane Cleaning and Concentrate Disposal*
- Titus Crabb (Vertech Industrial Systems); *Anatomy of a SCADA system: A whirlwind Tour*
- Paul E. Lavery (Membrane Systems Corporation); *Membrane Water Treatment Plant Basic Operations and Troubleshooting*
- Anders Wistrom, Indio; *Installation/removal of membranes & membrane probing*
- John Thomas, (Cortech Engineering); *Tearing down and repairing chemical feed pump*
- Rick Lesan (Koch Membrane Systems, Inc.); *Membrane element construction*
- Steve Malloy (Irvine Ranch Water District); *Tour of Irvine Desalting Plant*

SWMOA's first annual Symposium will be held February 3 – 6 at the Kona Kai Resort in San Diego. We have an exciting, full program you won't want to miss. Attendees will receive the following educational credits:

- 20 Contact Hours approved for Water System Operators in California and Nevada
- 20 Professional Development Hours for Water System Operators in Arizona.
- 1.0 Education Points Approved for Wastewater Operators in California and Nevada
- 20 Professional Development Hours for Wastewater Operators in Arizona.

For more information on the Symposium and to register for this event, please download the brochure or access the online registration form from the Southwest Membrane Operator Association (SWMOA) website at www.swmoa.org or call SWMOA at 888-463-0830.

Let your friends at other water districts know about SWMOA - we are dedicated to providing a forum for membrane system operators to exchange information, experience and knowledge. As important, we provide educational credits through our workshops and hands-on training necessary for Operator Certification. Our goal is to make our vital industry stronger and the technology more reliable. Prospective members can find application information online on our website at www.swmoa.org.

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SWMOA was formed in 2006 as an affiliate of the American Membrane Technology Association (AMTA). It is dedicated to the improvement of the quality of water supplies through desalting, reuse and other water sciences. The Corporation's members are concerned with design, research and development, equipment manufacture, operation and maintenance, environmental regulations and legislation.

The Corporation's objectives include promotion, both to the public and to elected officials, of available technologies that improve water quality; education, training and certification of plant operation personnel; communication within the membership; development of meaningful interface with regulatory agencies; technology transfer; and protection of the environment.

The Corporation is committed to the advancement of its objectives throughout the Southwest United States region including but not limited to Arizona, California, Hawaii, and Nevada within the limits of its resources.

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