



MESSAGE FROM THE PRESIDENT

By: Eric Owens, Separations Processes, Inc.

Dear SWMOA members,

If you are anything like me, summer is the hardest time of year to find any balance between personal life and professional responsibility. The kids are out of school, the weather is warm, and the sun hangs in the sky just a little longer. Everyone is eager to get away from the office or workplace. Eager to enjoy life because time slips away at an accelerating pace. But the work does not stop. The work goes on and deadlines still loom. Projects drive forward and require attention. Membranes still need cleaning and water still needs treating.

The beating drum of our industry doesn't slow, so neither can we. I urge you to plan ahead and plan wisely. You can start now, as you read through this newsletter. If something in here interests you, don't delay, but act on it! Whether running for the board, submitting a paper, or registering for a workshop, I encourage you not to wait because before you know it, it will be too late. Take action today, and then get back to planning the rest of the summer.

Sincerely,

Eric Owens
SWMOA President

2013 Annual Symposium "Ins and Outs of Membrane Technology"

SWMOA is please to announce the opening of the Call for Presenters!

The Southwest Membrane Operator Association (SWMOA) is in the process of developing the program for its 2013 Annual Symposium which will be in San Diego, CA, on April 22-24, 2013 at the Sheraton Hotel and Marina. The program committee has determined that the theme for the 2013 Annual Symposium will be "Ins and Outs of Membrane Technology" and the topics that will be presented during the symposium will be as the following five topics- Basic Applications and Overview, MBR and Tertiary Treatment, Interactive Breakout Session, Reverse Osmosis/ Nanofiltration and Microfiltration/Ultrafiltration.

If you are interested in presenting, please contact us at eventassist@swmoa.org for details. Deadline for submission is **Friday August 10, 2012**.

We Need Your Input for the SWMOA News

- Member contributions are welcome. Please contact us at adminassist@swmoa.org
- Take this opportunity to place your company or plant in the news
- Share your experiences with others

SWMOA's Board of Directors Elections Are Coming!

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Board Elections

By: Christina Daisy, West Basin Municipal Water District

SWMOA Board of Directors Elections Are Coming!

The Board is now opening nominations for candidates for the next Southwest Membrane Operator Association (SWMOA) Board of Directors. The term is a two year term. We are writing now to encourage you to start thinking about running for the Board or to contact SWMOA colleagues who you feel would represent your interests as a Director and to encourage them to run. The election will be held in the fall of 2012, and the newly elected Directors will take office at the December 2012 board meeting.

As a member of the Board of Directors, you will be able to help SWMOA accomplish its mission of working with its members to improve the quality of water supplies through desalting, reuse and other water sciences. Directors actively participate in the management of SWMOA by regularly attending Board meetings (quarterly conference calls and an annual in-person meeting adjacent to the annual conference), serving as an officer of the board or chair a standing committee and contributing their ideas and enthusiasm to the Board. While there is no compensation for serving on the Board, there is immense satisfaction in contributing to the strategic direction of SWMOA.

Qualifications:

Please note that you must be a current 2012 SWMOA member in good standing within the Division you are running, in order to participate in the election process. If you are eligible for voting status but have not yet submitted your membership application and payment for 2013, please do so as soon as possible.

There are a total of nine Director seats representing four divisions. Please be aware that five of the nine Director

seats are up for election. SWMOA Bylaws provide that SWMOA shall have four divisions of membership: (1) Division One, (2) Division Two, (3) Division Three, and (4) Division Four.

- **Division One members** shall be organizations and agencies of national, state and local levels of government, and utilities or industries (whether public or private) which engage in supplying water to community water systems or their users.
 - **Two seats available for election.**
- **Division Two members** shall be companies, or organizations engaged in furnishing equipment, material or professional services used by community or industrial water systems in their projects or operations.
 - **Two seats available for election.**
- **Division Three members** shall be individuals interested in the objectives and programs of SWMOA.
 - **One seat available for election.**
- **Division Four members** shall be individuals whom have been designated as an honorary life-time member or administrative personnel engaged in working for and paid by SWMOA. All Division Four members will not be required to pay dues.
 - **Not applicable.**

For more information regarding the composition of the Board or the election process, please refer to the Bylaws on the SWMOA website: www.SWMOA.org.

UPCOMING EVENTS

September 25, 2012

Oakland, CA (EBMUD):

“Advanced Water Treatment - MF/RO”
One-day Technology Workshop

September 27, 2012

Chino, CA (Chino I Desalter):

“Brackish Groundwater RO”
One-day Technology Workshop

Dec. 11-13, 2012

Maui, HI: Mekena Beach & Golf Resort

“Reducing Costs at Membrane Plants”
Joint Workshop with AMTA

April 22-24 2013

San Diego, CA:

Sheraton Hotel and Marina
“Ins and Outs of Membrane Technology”
2013 Annual Symposium

ALBUQUERQUE WORKSHOP HIGHLIGHT

By: Scott McClelland Sweetwater Authority



In late April SWMOA held its first ever workshop in New Mexico. This workshop featured the 4 MGD College Avenue Arsenic Removal Facility. You may be asking yourself “What do membranes have to do with arsenic removal?” The answer is everything! The Albuquerque area has naturally occurring arsenic levels that require some kind of treatment to remove the trace mineral to meet treated water quality standards. This facility was one of the first in the nation to apply low pressure membrane technology following coagulation to effectively remove enough arsenic to meet the regulatory standards. At this workshop we learned how this unique application of technology helped solved a pressing problem and relieve water supply issues for the region. Of course we also took a tour of the facility and learned more than we probably wanted to about water treatment chemistry for arsenic removal, how arsenic effects the human body and most importantly how much of this is in your BEER! A special thanks to Joe Chwirka and his staff at the Albuquerque Bernalillo County Water Utility Authority and Pall Membranes for their assistance and sponsorship of this event.



Erie, Colorado Workshop

By: Miller Truby , Professional Water Technologies

SWMOA is sad to announce the cancellation of our previously announced Tech Transfer Workshop in Erie, Colorado on July 27th due to a lack of registrations. We apologize for any inconvenience this cancellation may have caused. For those who may have been interested in attending the workshop, please note that we will be back in

Colorado next summer with an all new agenda and we would love to see you then. More details will be forthcoming as the year progresses. If you would like to participate or suggest a plant site, please feel free to contact Miller Truby (contact info for Miller is listed on Board of Directors page of the SWMOA website).

MEMBERSHIP UPDATE

SWMOA welcomes 12 new members!

Kendall Crowe
City of Santa Fe/BDD

Erick LaMonda
City of Santa Fe/BDD

Jesus Salayandia
City of Santa Fe

Michael Delbecq
Santa Fe Water Utility Dept./Buckman
Regional WTP

Greg Madden
Professional Water Technologies

Hunter Stanland
Santa Fe Water Utility Dept./Buckman
Regional WTP

Michael Dozier
City of Santa Fe/BDD

Anthony Martinez
CH2M HILL, Incorporated

Andrew Sweetman
New Mexico Royal Water Association

Gary Durrant
City of Santa Fe/BDD

Aaron Rand
City of Santa Fe

Lyndon Thomason
City of Santa Fe

MEMBERSHIP SUMMARY

By: Mehul Patel, Orange County Water District

The Southwest Membrane Operator Association is now in its fifth year of existence. The organization currently has 283 members. The strength of SWMOA lies in our members and our focus is on the needs of those members. On behalf of the SWMOA board of directors we urge you to renew your memberships when they are due and recruit your colleagues to join. SWMOA has several membership categories including the following:

- Division 1 – Public Agencies, Industrial Users, and Water Suppliers
- Division 2 – Manufactures, Suppliers, and Consulting Firms
- Division 3 – Affiliate of Division 1 or Division 2, Individuals, and Full time students or Interns

For further information on membership or to become a SWMOA member please visit our website at www.swmoa.org or contact the membership committee chair Mehul Patel at mpatel@ocwd.com.

In our membership newsletter we like to spotlight one of

our SWMOA members so you can get to know more about one of your fellow members. For this newsletter we'd like to highlight the Orange County Water District. OCWD is one of the first organizations to join SWMOA as a Division 1 member when the organization was founded. OCWD is a special district of the state of California and is responsible for groundwater management in the north and central portion of Orange County, California. OCWD operates a membrane facility known as the Groundwater Replenishment System. This facility sized at 70 mgd treats secondary effluent wastewater using microfiltration, reverse osmosis and ultraviolet light with hydrogen peroxide. OCWD employees 16 total treatment operators that work in four shifts of four persons each. The product water from the facility is injected underground along the coast to prevent seawater intrusion and is surface spread to replenish the groundwater aquifer. OCWD has been in existence since 1933.



www.ocwd.com



www.gwrsystem.com



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CHECK US OUT ON THE WEB!
<http://www.swmoa.org>

Newsletter Advertisement Space Available

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.

Job Board Advertisement Available

For Space Availability, please contact us at:
adminassist@swmoa.org

BOARD OF DIRECTORS:

EXECUTIVE OFFICERS

<u>Member</u>	<u>Term</u>	<u>Company</u>	<u>Phone</u>	<u>Email</u>
Eric Owens - President	2010-2012	Separation Processes, Inc.	760-400-3660	eowens@spi-engineering.com
Seth Ginter - Vice President	2011-2013	GE Water and Process Technologies	760-685-8561	seth.ginter@ge.com
Miller Truby - Treasurer	2010-2012	Professional Water Technologies	760-639-4400	miller.truby@pwtchemicals.com
Valerie Garcia - Secretary	2011-2012	CH2M HILL-OMI/ Twin Oaks Valley WTP	760-752-7330	valerie.garcia@ch2m.com
Scott McClelland - Past President	2011-2013	Sweetwater Authority	619-409-6825	smcclelland@sweetwater.org

BOARD OF DIRECTORS

<u>Member</u>	<u>Term</u>	<u>Company</u>	<u>Phone</u>	<u>Email</u>
Christiana Daisy	2011-2013	West Basin Municipal Water District	310-660-6233	christianad@westbasin.org
Carl Spangenberg	2010-2012	Irvine Ranch Water District	949-453-5567	spangen@irwd.com
Art Nunez	2011-2013	City of Scottsdale	480-312-8724	anunez@scottsdaleaz.gov
Mehul Patel	2010-2012	Orange County Water District	714-378-8209	mpatel@ocwd.com

Southwest Membrane
Operator Association
1035 E. Vista Way, #103

Ph: 888-463-0830
Fax: 772-463-0860

WE'RE ON THE WEB!

<http://www.swmoa.org>

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, Nevada, Utah, Colorado, and New Mexico within the limits of its resources.

COMMITTEE CHAIRS:

	Member	Company	Phone	Email
<u>AMTA Liaison:</u>	Scott McClelland	Sweetwater Authority	619-409-6825	smcclelland@sweetwater.org
<u>Awards:</u>	Seth Ginter	GE Water and Process Technologies	760-685-8561	seth.ginter@ge.com
	Mehul Patel	Orange County Water District	714-378-8209	mpatel@ocwd.com
<u>Bylaws & Policies:</u>	Eric Owens	Separation Processes, Inc.	760-400-3660	eowens@spi-engineering.com
<u>Nomination/Election:</u>	Christiana Daisy	West Basin Municipal Water District	310-660-6233	christianad@westbasin.org
<u>Executive (officers):</u>	Eric Owens	Separation Processes, Inc.	760-400-3660	eowens@spi-engineering.com
<u>Finance:</u>	Miller Truby	Professional Water Technologies	760-639-4400	miller.truby@pwtchemicals.com
	Carl Spangenberg	Irvine Ranch Water District	949-453-5567	spangen@irwd.com
<u>Legislative:</u>	Art Nunez	City of Scottsdale	480-312-8724	anunez@scottsdaleaz.gov
<u>Membership:</u>	Mehul Patel	Orange County Water District	714-378-8209	mpatel@ocwd.com
<u>Operator Certification:</u>	Scott McClelland	Sweetwater Authority	619-409-6825	smcclelland@sweetwater.org
<u>Publications/Newsletter:</u>	Valerie Garcia	CH2M HILL-OMI/ Twin Oaks Valley WTP	760-752-7330	valerie.garcia@ch2m.com
<u>Program:</u>	Scott McClelland	Sweetwater Authority	619-409-6825	smcclelland@sweetwater.org
	Christiana Daisy	West Basin Municipal Water District	310-660-6233	christianad@westbasin.org
	Lynne Gulizia	Toray Membrane USA, Inc.	858-218-1518	gulizia.lynne@toraymem.com
<u>Public Relations:</u>	Valerie Garcia	CH2M HILL-OMI/ Twin Oaks Valley WTP	760-752-7330	valerie.garcia@ch2m.com
<u>Technology Transfer:</u>	Seth Ginter	GE Water and Process Technologies	760-685-8561	seth.ginter@ge.com
	Miller Truby	Professional Water Technologies	760-639-4400	miller.truby@pwtchemicals.com
	Carl Spangenberg	Irvine Ranch Water District	949-453-5567	spangen@irwd.com