



Thursday, November 7, 2019

8:00 a.m. - 4:30 p.m. (Space limited to 30 attendees)

6 Contact Hours (CA Water/Wastewater - Approved)

City of Signal Hill Well 9 NF Treatment Plant

2175 East 28th Street
Signal Hill, CA

If Lost - Ph:
Cecil Looney: 949-338-5333

Operators Producing High Quality Water

- 8:00-8:30 **Registration & Continental Breakfast**
- 8:30-8:45 **Welcome & Introduction**
Richard Salas, City of Long Beach Water Department
- 8:45 - 11:45 **SESSION 1: Technology**
Moderator Richard Salas, City of Long Beach Water Department
- 8:45 - 9:15 **City of Signal Hill Well 9 Water Treatment Facility**
Cecil Looney, City of Signal Hill
- 9:15 - 10:00 **Design Build of the Signal Hill Well No. 9 Nanofiltration Treatment Plant**
Kevin Alexander, P.E. , Hazen and Sawyer
- 10:00 - 10:15 **Refreshment Break**
- 10:15 - 10:45 **Case Study: Signal Hill, CA 98% Recovery NF and Color Removal Water Treatment Plant**
Julie Nemeth-Harn, P.E. , Harn R/O Systems, Inc.
- 10:45 - 11:15 **Cartridge Filter Installation**
Billy McCowan, 3M Purification, Inc.
- 11:15 - 11:45 **RO/NF Element Construction: An Inside Look**
Myles Davis, Hydranautics - Nitto Group Company
- 11:45 - 12:45 **Lunch**
- 12:45 - 4:30 **SESSION 2: Overview and Tour**
Moderator Richard Salas, City of Long Beach Water Department
- 12:45 - 1:30 **Facility Tour of the Signal Hill Treatment Plant**
Luis Armas, City of Signal Hill
- 1:30 - 2:00 **RO/NF Membranes Clean in Place: How to get the Best Results Possible**
Naghm Najeeb, Avista Technologies, Inc.
- 2:00 - 2:45 **Hand's On Demonstration of Silt Density Index Testing**
Julie Nemeth-Harn, P. E. , Harn R/O Systems, Inc.
- 2:45 - 3:00 **Refreshment Break**
- 3:00 - 3:30 **Hand's On Cartridge Filter Installation**
Billy McGowan, 3M Purification, Inc.
- 3:30 - 4:15 **Hand's On Reverse Osmosis Profiling and Laboratory Procedures**
Richard Salas, City of Long Beach Water Department
- 4:15 - 4:30 **Workshop Wrap-Up**
Richard Salas, City of Long Beach Water Department

Thank You Major Sponsors:

Hazen FILANC

Thank You Lunch Sponsor:



Thank You Break Sponsor:



Creative Chemistry. Smart Solutions.

Thank You Host Facility:

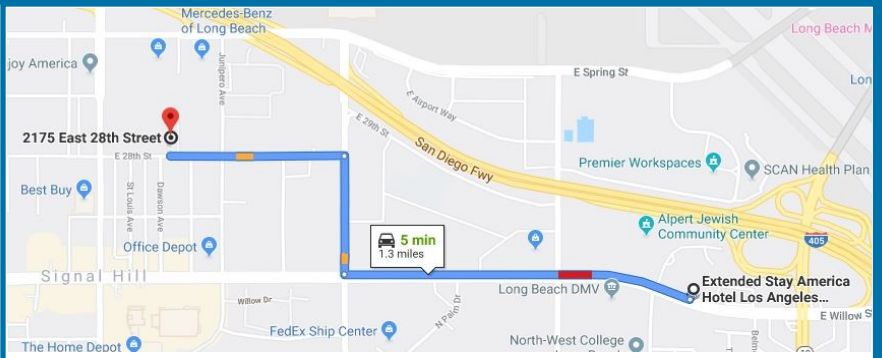


Hotels in the area:

Extended Stay America Hotel Los Angeles - Long Beach Airport
 4105 E Willow St, Long Beach, CA 90815
 (562) 989-4601

Residence Inn by Marriott Long Beach
 4111 E Willow St, Long Beach, CA 90815
 (562) 595-0909

Holiday Inn Long Beach Airport
 2640 N Lakewood Blvd, Long Beach, CA 90815
 (562) 597-4401



Directions from Extended Stay America Hotel - Long Beach:

Head south towards E. Willow St. Turn Right onto E. Willow St. Turn Right onto Temple Ave. Turn Left onto E. 28th St. Arrive at 2175 E. 28th St. - on the right

If Lost - Ph: Cecil Looney: 949-338-5333

November 7, 2019 - REGISTRATION FORM

Southwest Membrane Operator Association (SWMOA)

PHONE: 888-463-0830 ♦ **EMAIL:** support@swmoa.org ♦ **WEB:** www.swmoa.org
 1035 East Vista Way #103, Vista, CA 92084-4606

Name: _____ Title: _____
 Company: _____
 Mailing Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Cell: _____
 E-mail: _____ Website: _____
 Billing Contact Name: _____ Billing E-mail: _____

Special Needs:

- Food Allergies (provide specifics below)
- Gluten Free
- Vegan Meals
- Vegetarian Meals
- Wheelchair Access
- Other: _____

Please refer to [SWMOA's Privacy Policy](#) if you have any questions regarding your preferences.

(Attendee materials will be sent approx. 2 weeks post event; provide an email address compatible to receive and/or access Hightail messages. If other than listed above, provide here: _____)

State: _____ License Type: _____ Grade/ Level (i.e., 1, 2): _____ Lic.#: _____

SWMOA Workshop:

*Registration (includes CEUs/PDHs) and Payment must be received by:	Oct. 24th	On/After Oct. 25th	Amount
SWMOA Members	\$175	\$225	_____
Non-Members - Certified Ops (includes 1 year Div.1B SWMOA membership)	\$250	\$300	_____
Total Registration Fee			\$ _____

If you are not a SWMOA Member, please [Click Here](#) to join, prior to registering

Cancellations/Refunds...

Written cancellation requests received on or before **Oct. 24, 2019** will receive a refund, less a \$50 processing fee. Full payment is required if cancellation is received on or after **Oct. 25, 2019** - no refunds and no credits for future events will be granted. However, substitutions may be made at any time. SWMOA reserves the right to make changes in programs and speakers, or to cancel programs when conditions beyond its control prevail. Every effort will be made to contact each enrollee if a program is cancelled. If a program is not held, SWMOA's liability is limited to the refund of the program fee only.

PAYMENT METHOD: Payable to: Southwest Membrane Operator Association

Mail to: 1035 East Vista Way, #103, Vista, CA 92084-4606

- Check Enclosed for \$ _____ Please Invoice

For Security Purposes, SWMOA encourages you to use the Easy Online Registration. Secure Credit Card and eCheck Payment Processing is Now Available at: WWW.SWMOA.ORG