

California Capitol Report

Upcoming meetings and regulations

By John Norwood

John Norwood is president of The California Pool and Spa Association (formerly SPEC).

In August the California Energy Commission will be conducting a public workshop seeking comments regarding proposed energy efficiency regulations for pool pump replacement motors and portable electric spas. This is part of a multi-year rule-making process that began in March of 2012, with a draft staff report with analysis of pool pumps released in 2016. Following that analysis the U.S. Department of Energy finalized rules for minimum energy efficiency standards in 2017, with the compliance date set for July 19, 2021. The current proposal by the Energy Commission would update test procedures and energy standards that were not covered by the most recent federal standards. Also included are updates to the energy efficiency standard for standby mode in portable electric spas, as well as the test procedures and labelling requirements for portable spas.

The workshop will be held on Thursday, August 3rd, 2017, at 1516 9th Street in Sacramento beginning at 9 AM. The proposal that is under review can be found at http://docketpublic.energy.ca.gov/PublicDocuments/15-AAER-02/TN220120_20170712T095947_Second_Revised_Analysis_of_Efficiency_Standards_for_Pool_Pumps.pdf

On the subject of further regulations, the CPSA is scheduled to meet with the Department of Pesticide Regulation regarding



their investigation of the safety and application of chlorine in swimming pools on Wednesday, August 23rd. Because chlorine is classified as a pesticide, it is the DPR's purview to periodically review whether or not it is being used safely and whether it has caused undue harm. The Department conducted a study and found in the last ten years, 273 people have been harmed by chlorine by means of improper handling and application as well as injuries to swimmers caused by chlorine gas.

After these findings the Department reached out to the CPSA in order to discuss their ideas for solutions to these injuries. One such proposal was mandating that every pool service technician who handles chlorine be required to be licensed by the DPR, but after speaking with the CPSA the DPR is instead considering a public information and educational campaign on the dangers of improperly handled chlorine. This model would be similar to other voluntary campaigns the DPR has run in the past that have proven to be very effective, and would increase awareness regarding chlorine safety without a burdensome and expensive requirement that would blanket the entire pool and spa industry. In response to outreach to CPSA by the Department, CPSA will be coordinating a number of organizations for input at the upcoming meeting.



Safety Town in Temecula, CA

By John Dixon

John Dixon is the Region 6 Director.

Temecula Sunrise Rotary hosted the 15th Annual Safety Town. It is a two-week session of safety training for kids, held at the Helen Hunt Jackson Elementary School

in Temecula, CA. The local police, fire department, and for the first time IPSSA came to the class to teach the kids about safety with bikes, "stranger danger", and water.

Josh the Otter paid the kids a surprise visit. The children loved and benefited by this great pro-

gram, it was outstanding. IPSSA Region 6 provided Josh the Otter books and coloring books, IPSSA coloring books, stickers, and Water Watcher Tags. Robin Dixon and Jodi Pesicka enjoyed teaching the kids to stay safe around swimming pools.

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Things to do in August

- Sunscreen ➤ Hat ➤ Drink lots of water



DO NOT HOLD
DATED MATERIAL

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(888) 360-9505 • (888) 368-0432 (FAX)
Email: anijjar@ipssa.com
Website: www.ipssa.com

Executive Editors:

Michael Black, Marc Cannon, Brian Duncan, Neal Holt,
Bob Nichols, Eric Nielson, Ivan Vance

Managing Editor: Amy Nijjar

Graphics and Production: Kim McGill

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Randall Hayden wins the June Education Corner quiz

Randall Hayden, a member of the East Valley chapter, was selected randomly among all of the correct entries for the June Education Corner Quiz and will receive an IPSSA shoulder bag & backpack. All correct entries submitted during 2017 are eligible for a big drawing at the end of the year for more IPSSA logo items.

The correct answers for the June quiz are 1. To get 1 ppm of chlorine in a 500,000-gallon pool, you would add 2 gallons of liquid chlorine (sodium hypochlorite 12%) A. True B. False, *the correct answer is b) false*. 2. Acid must be added to the pool water after adding liquid chlorine to neutralize the high pH. A. True B. False, *the correct answer is a) true*. 3. To determine combined chlorine, you subtract free available chlorine (FAC) from total available chlorine (TAC). A. True B. False, *the correct answer is a) true*. 4. Total alkalinity is said to be the buffer-

ing capacity of water or water's resistance to changes in pH. A. True B. False, *the correct answer is a) true*.

Calendar of Events

- August 5** IPSSA Board of Regional Directors Meeting
Mission Inn, Riverside, CA 10am
info@ipssa.com
- Sept. 12-13** Construction 281 – Major Renovations
Zodiac Pool Systems, Inc., Vista, CA
www.nspf.org/construction-281-major-renovation-registration
- Sept. 28-30** Pool Industry Expo
Monterey Conference Center, Monterey, CA
www.poolindustryexpo.com
- October 28** IPSSA Board of Regional Directors Meeting
Location TBD, Sacramento, CA 10am
info@ipssa.com
- Oct. 29 – Nov. 3** International Pool Spa Patio Expo
Orange County Convention Center, Orlando, FL
www.poolspapatio.com
- Feb. 9-10, 2018** IPSSA Leadership Weekend
Wyndham Anahiem Garden Grove, Garden Grove, CA / info@ipssa.com

WELCOME NEW MEMBERS!

REGION 1 – Delta: Jerymi Ream... **Modesto Central Valley:** Les Gomes... **REGION 2 – Santa Barbara:** Brandon Ruiz... **REGION 3 – Diamond Bar:** Jesse Hernandez, David Tolson... **REGION 6 – Temecula/Murrieta:** Julie Hess... **REGION 8 – Tucson:** Thomas Asahl... **REGION 12 – Waxahachie:** Eric Shaw.

Financial office thanks chapters with prompt payments

The Financial Office thanks the following 44 chapters, whose members all paid promptly in July before second notices were required:

- Region 1 – East Contra Costa, Gold Country, Tracy, West Placer
- Region 2 – Central Coast, Conejo Valley
- Region 3 – Antelope Valley, Diamond Bar, Foothill, Santa Clarita
- Region 4 – Central Los Angeles, East Long Beach, Whittier
- Region 5 – Central Orange County, OCPP, Orange Coast, Orange County #9, Saddleback, Tustin/Irvine
- Region 6 – Corona, Hemet, Palm Desert, Redlands, Temecula/Murrieta
- Region 7 – Rancho Del Mar, San Diego East County
- Region 8 – East Valley, Henderson, Northwest Las Vegas, Scottsdale, Tucson, VIPS
- Region 9 – Austin, Corpus Christi, West Houston
- Region 10 – Redwood Empire, Silicon Valley, Tri Valley
- Region 11 – Gold Coast, Manasota, North Georgia, Sarasota, Treasure Coast
- Region 12 – Mid Cities DFW

*** WIN *
IPSSA Logo
Gear!**

Education

Corner

All members who mail an entry with the correct answers will become eligible for a drawing at the end of the month for IPSSA logo gear. All correct entries will go into a year-end drawing for other IPSSA merchandise. IPSSA members are the only eligible participants and only one entry per month is permitted. Each month, the winner of the drawing will be published in The IPSSAN. Entries for this month must be received by **SEPTEMBER 20, 2017**.

1. Hardness increaser is incompatible with sodium bicarb.
 - A. True
 - B. False
2. The three categories of chlorine are:
 - A. Elemental, organic and natural
 - B. Organic, inorganic and natural
 - C. Elemental, organic and inorganic
 - D. Dry, liquid and gas
3. Low total alkalinity will cause the pH to be unstable.
 - A. True
 - B. False
4. HOBr (hypobromous acid) is the killing form of bromine.
 - A. True
 - B. False

Name _____
 Address _____
 City _____ State _____ Zip _____
 Telephone Number (____) _____
 Chapter _____

Correct Answers: 1. _____ 2. _____ 3. _____ 4. _____
 (Please indicate A, B, C, or D for each answer.)

Mail Entry to:

IPSSA Quiz, 10842 Noel Street, #107, Los Alamitos, CA 90720
 Or Fax to: (888) 368-0432

Entries for this month must be received by **SEPTEMBER 20, 2017**.



3rd Annual Tri-Valley IPSSA Golf Tournament
 Fri. September 15, 2017
 Callippe Preserve Golf Course
 8500 Clubhouse Dr., Pleasanton, CA

Join us for a **GOLF Scramble & Dinner**
 Fun, Prizes, & More!
2-Man Scramble Format
Shotgun Start at 1:00pm
 All proceeds go to a great cause
"Josh the Otter Water Safety" **JCMF**
 Children's Charities

Registration starts at noon

ENTRY FEE INCLUDES: Golf at Championship course, cart, range balls, gift bag, BBQ dinner. Hole in One Prize is Trip for 2 to Pebble Beach! Prizes for Longest drive, Closest to the pin, and Straightest drive. 50/50 Cash raffle. Big raffle for fabulous prizes and equipment. Silent Auction. If you don't GOLF, you can join in for the fun, dinner, and drinks afterward!

See Registration form for more details. **Sponsored by:**

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Step Into Swim announces grant recipients

National Swimming Pool Foundation raised \$78,750 in 2017



The National Swimming Pool Foundation® (NSPF®) announces recipients of the 2017 Step Into Swim™ Campaign, a 10-year initiative to create one million more swimmers. NSPF is humbled by the generosity of donors who support the Campaign. The following organizations will benefit from the \$78,750 received this year: Angels of America's Fallen, EVO Swim School, Jewish Community Center Association, New York State Parks, SwimToday, YMCA, and 14 individual learn to swim programs selected by Master Pools Guild members. One hundred percent of donated funds are directed toward learn to swim programs, and NSPF covers all administrative cost.

"Teaching children to swim is the one charitable gift that prevents drowning, improves health and happiness, and builds demand for everything around the pool," says NSPF CEO Thomas Lachocki. Many of the 2017 donors directed their contributions to programs that are impacted in their own towns. Many of the 2017 donors have directed their contributions to programs that are within their circle of impact. "Thankfully, more leaders are getting deep satisfaction at the results of by giving locally," adds Campaign Chair Dr. Anita Sayed with Playcore.

Master Pools Guild (MPG) has allocated \$10,000 of their donation to support local learn to swim programs selected by MPG members. MPG builders are craftsmen, operating with a strong commitment to high quality, customer service, and good business ethics. MPG members have selected the following learn to swim programs as recipients of their gift: Westside YMCA of Tulsa, Simi Valley Family YMCA, First Stroke Swim School (Mildura, VIC, Australia); Swim Texas Swim School (Canyon Lake, TX), Nisha Millets Swimming Academy (Bangalore, KA, India), YMCA of Greater Birmingham, Robert Lee YMCA (Vancouver, BC, Canada), Tong Louie YMCA (Surrey, BC, Canada), Maui Family YMCA (Kahului, Maui, HI), Health Unlimited Family Fitness & Aquatics Center (Mt. Airy, MD), Mercy Health & Recreation Center (Amherst, OH), SWIMS Foundation (Hollywood, FL), LAPS (Mt. Pleasant, SC), and Rock Solid (Shreveport, LA).

SwimToday, organized by USA Swimming, is receiving a \$25,000 SIS grant to promote swimming around the country. SwimToday utilizes positive messaging, such as their 2016 Cam-

paign focused on the Olympic Games and the Disney movie Finding Dory, and affirms that

Continued on page 19

		REGISTRATION REQUIRED 2017 Pool Industry Expo					PENTAIR Gold Sponsor	
		EXHIBIT HOURS: THURSDAY 5-8 PM, FRIDAY 2-6:30 PM, SATURDAY 11-3 PM						
		Portals	Bonsai 1 & 2	Bonsai 3	Redwood	Tremwood	Gettenswood	
Thursday, 09/28/2017	1:00 PM - 3:00 PM	How to Succeed in Customer Service David Hayes H & H Pool Services	The Benefits of Using NSF Certified Test Methods Industrial Test Systems	Certified Pool Operator Clear Hold Wednesday 9-3 PM and Thursday 9-3 PM	Stand Out Online and Win More Customers Laura Nelson Broadly	Electricity for the Service Pro	IntelliChem Set-Up and Programming	
	3:00 PM - 5:00 PM	Evaluation of the Modern Pool - New Revenue Opportunities Steve Arb Natural Chemistry	Chlorine Free: Is it for me? Nick Bassin Clear Comfort	Wayne Jwaich Taylor Technologies	Commercial ph/arp Chad McClellan EduChem Control Applications Alpha West		Pentair Max-E-Therm Master Temp Troubleshooting	
Friday, 09/29/2017	8:00 AM - 10:00 AM	CFR - Is Your Business on Life Support? David Hayes H & H Pool Service	Basic Water Chemistry and Testing Wayne Jwaich Taylor Technologies	Advanced Service Technician (Limited to 20 Students) 8 AM - 4 PM	DI VersaFlo David VanSumer Jandy/Zodiac	Aqua-Rite Chlorine Generators (Rd) Install-Troubleshoot	Hydraulics for Service Pro	
	10:00 AM - 11:00 AM	Introduction to Pool Program #	11 Myths about Water Maintenance Wayne Jwaich Taylor Technologies		Pool Lighting Decoded Graham Orms Jandy/Zodiac	Variable Speed Pump: Install and Troubleshooting		
	11:30 AM - 1:30 PM	Business Roundtable Share Your Stories	Motor Repair and "Hybrid Motors" Zeb Raymond Swimco		Web Based Controls David VanSumer Jandy/Zodiac	OmniLogic Install and Set-Up	New VSP Pump Programming	
	2:30 PM - 4:30 PM	Variable Speed Motor Replacement Randy Black Regal Select	Pool School 101 David Allen Alena Pool Care		Polaris Pressure Side Cleaning / Polaris BSSQ Pump David VanSumer Jandy/Zodiac	Weird Water Solutions: The DROUGHT Edition Terry Arbo SeaClear	New EX Heater Overview	
Saturday, 09/30/2017	8:00 AM - 10:00 AM	Safety for Pools Dennis Chapman Srg Aquatics	POE'S Certified Aquatic Equipment Installer Training Course Michael Orr IPSE		Water Chemistry Terry Arbo SeaClear		Easy Touch Programming 'vis espasol' Carlos Gomez Pentair	
	10:00 AM - 11:00 PM	Why Am I at Fault? Ray Armenty Armen Insurance					Variable Speed Pumps Overview de Problemas 'vis espasol' Carlos Gomez Pentair	

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Hey Ray!

Answers to recent questions asked to IPSSA's insurance broker

Ray Arouesty is Senior Vice President of Arrow Insurance/HUB International and IPSSA's endorsed insurance provider. He can be reached at (800) 833-3433 or ray@arrowinsuranceservice.com

Hey Ray:
My employee takes his dog along with him as he services my

residential pool accounts. The dog ran into the customer's house yesterday and did something nasty on the customer's nice carpet. The customer is quite upset since the carpet is badly stained. Am I responsible for the cleaning expenses?

Answer:
Honestly, I've never had a ques-

tion like this question before. First, you must understand that you, the employer, are responsible for the negligent acts of your employee. This includes damages or injuries caused by a dog that your employee brings to a jobsite. These damages could be very significant, especially if the dog bites someone or gets into a fight with an owner's pet. I can think of no legitimate business reason to bring a dog to the jobsite and I suggest you rethink your decision of allowing him to do so.

World Aquatic Health Conference expands industry growth

Largest educational conference on aquatics to take place in Denver, CO



The World Aquatic Health™ Conference (WAHC) will provide multiple opportunities for industry leaders to network and learn. Scheduled from October 18-20, 2017, at the Omni Interlocken Hotel, near Denver, CO, the 14th Annual WAHC provides industry leaders, such as health officials, researchers, manufacturers, operators, managers, and builders/designers, the chance to help shape the future through aquatics.

Hosted by the National Swimming Pool Foundation (NSPF), WAHC 2017 welcomes acclaimed Keynote Speakers Ryan Avery and Amy Posey. In addition to the keynote presentations, both will be engaged in workshops during the conference. Mr. Avery will be leading a confidence-building workshop From "A" to "THE": Stop being A leader. Start being THE leader. Ms. Posey will be presenting with 2016's Keynote, Dr. Wallace J. Nichols, during a Health Benefits workshop titled Neuroscience of Leadership.

In addition to the nearly 50 innovative educational sessions during the conference, WAHC 2017 offers a variety of special events. Guests may choose to attend the 2nd Biennial CMAHC Vote on the Code Conference, Aquatic Therapy Day, a Boulder-based insider's tour, Environmental Health Round Tables, an NSPF Instructor Update Meeting, the USA Swimming Regional Build A Pool Conference, or NSPF's recently released Advanced Service Technician™ Course.

Noteworthy WAHC Events
2107 Welcome Reception
Wednesday, October 18, 6:00-9:00pm
Nestled against the backdrop

of the Rocky mountains, the Omni Interlocken welcomes WAHC 2017 with a night of games, music, and friends. Enjoy the beautiful Colorado weather outside on the terrace overlooking two outdoor pools, a waterfall and the Eldorado Golf Course. Drinks and heavy Hors d'oeuvres served.

2016 Keynote Dr. Wallace J. Nichols Returns

Previous Keynote Speaker, Dr. Nichols, will collaborate with current Keynote Speaker, Amy Posey, for a Health Benefits Track that focuses on the Neuroscience of Leadership. Dr. Nichols, Blue Mind founder, will also deliver a session on Water as Medicine during Thursday's afternoon line up.

Model Aquatic Health Code Track

Thursday, October 19, 10:00 am-5:00pm

After the CMAHC converges two days before the WAHC, the conversation will continue in Thursday's sessions, providing an insider's view of the CMAHC's progress, CDC updates, and MAHC adoption.

Track Topics

WAHC tracks will range in subject from old favorites to new topics, including Advanced Chemistry, Advanced Service Concepts, Facility Management, Health Benefits, MAHC, New Industry Technology, Public Health, and Training

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PHOENIX, AZ (602) 569-3177	
TUCSON, AZ (520) 887-1100	

Getting back to basics and benefitting from energy-saving incentives

By Mike Fowler

Mike Fowler is the commercial marketing/sales manager for Pentair Commercial Aquatics in Sanford, N.C. He has been with Pentair since 1992, starting his career in the technical services department at Purex Pool Products. Fowler has held many managerial roles within the company, including marketing, account management, and product management. He can be reached via e-mail at mike.fowler@pentair.com.

Pumps are the heart of a pool circulation system—not only are they the vehicle that moves water through the various systems, but also now the focus of substantial rebates which can drastically reduce the costs of owning and operating a pool. So it's important for service professionals to get back to basics and understand the significance of hydraulics on residential and commercial pools and why utilities are pushing for consumers and aquatic facilities to install variable-speed pumps (VSPs). To take advantage of utility rebates, pool professionals need to understand how pumps work, what the difference is between single and variable-speed models, and the factors that influence energy savings in the equipment room. By being able to explain how VSPs work and the potential energy savings, pool professionals will find themselves doing more pump upgrades as a part of their service offerings.

How centrifugal pumps work
All pool pumps are centrifugal. They have a shaft-driven impeller that rotates inside a casing, which allows water into the suction port (inlet) where it is then 'thrown' to the outside of the casing before exiting through the discharge port. The impeller is a circular pump part that rotates to provide centrifugal force for propelling water in the circulation system. It spins on the end of the electric motor shaft and is the only moving part of a centrifugal pump.

The velocity (or speed) transferred to the water by the impeller is converted to pressure energy, otherwise known as total dynamic head (TDH). Two things make centrifugal pumps unique:

1. They can provide high flowrates.
2. Their flowrate varies considerably with changes in the TDH of the particular piping system. This allows the flowrate to be 'throttled' considerably with a simple valve placed into the discharge piping, without causing excessive pressure build up or the need for a pressure-relief valve.

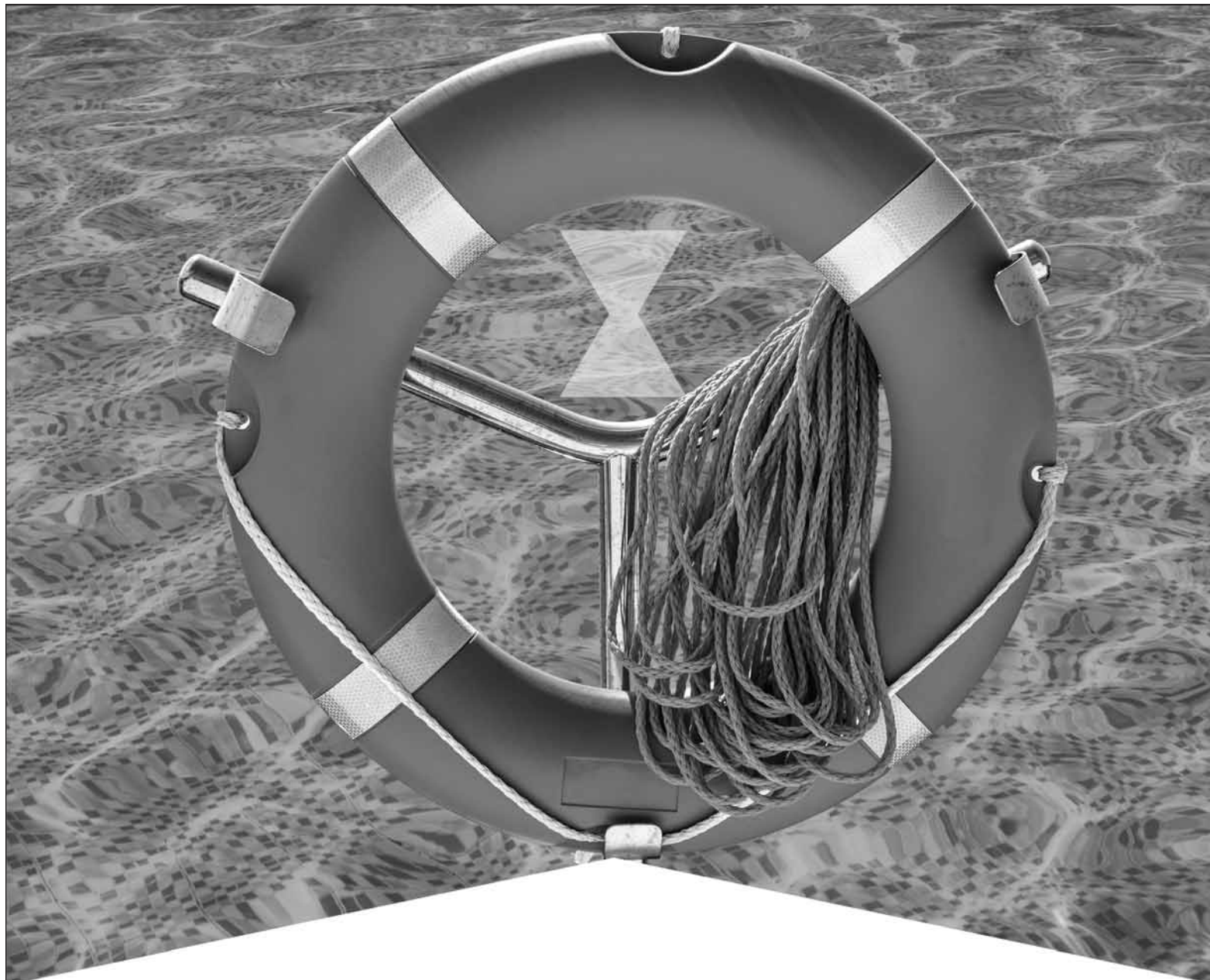
However, throttling the flowrate of a centrifugal pump has certain limits, as it should not be operated below the minimum (safe) flowrate that is indicated by the pump manufacturer, or what is required for your given turnover rate. If this happens, it can cause excessive recirculation to occur inside the pump casing, resulting in the pump overheating and increasing wear and tear on internal seals and bearings. The ideal

flowrate is the point at which efficiency of the pump maximizes energy use and reduces deterioration of the internal components.

Atmospheric pressure also af-

fects the pump's ability to operate. A self-priming pump will lose 10 per cent of its ability to lift water for every 1000 ft of elevation. For

Continued on page 8



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What is the Certified Pool/Spa Operator® Certification Program



CPO® certification courses are designed to provide individuals with the basic knowledge, techniques, and skills of pool and spa operations. The Certified Pool/Spa Operator® certification program has delivered more training than any other program in the pool and spa industry since 1972, resulting in more than 342,623 successful CPO® certifications in 86 countries. Many state and local health departments accept the CPO® certification program.

Instructors receive comprehensive training and certification to teach the CPO® certification program. These instructors represent every segment in the aquatics industry including operators, health officials, service professionals, builders, manufacturers, property managers, retailers, and academicians. This training has helped protect millions of swimmers by reducing hazards at aquatic facilities.

Course Information

The CPO® certification pro-

gram requires participation in either a two-day class (14-16 hours) taught by a certified instructor or the blended format that combines the online Pool Operator Primer™ and one day of the Pool Operator Fusion™ class of instruction.

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• Gives participants a better understanding of the operator's

role in pool care, management and risk reduction

• The CPO® Certification program is now eligible for IACET Continuing Education Units (CEUs)

Visit www.nspf.org for more information.

WAHC

Continued from page 4

for Business Growth.

Farewell Function

Friday, October 20, 3:20-4:30 pm

NSPF invites attendees to stick around after the educational sessions on Friday for one last networking opportunity. Enjoy drinks and prizes while exchanging goodbyes and handshakes with friends and new contacts.

Pre-Conference Events

CMAHC Vote on the Code

Biennial Conference

Tuesday, October 18 & Wednesday, October 19, 8:00 am-5:00 pm

Every two years, CMAHC members can take part in the Model Aquatic Health Code (MAHC) update process to have their input heard by the CDC as it revises and releases the next edi-

tion of the MAHC. Register today to have your voice heard.

2nd Annual Aquatic

Therapy Day

Wednesday, October 18, 8:00 am-5:00 pm

An 8-hour hands-on training designed to provide evidence-based ideas for treating patients with low back, neck, shoulder, and chronic pain, and then to practice these techniques in water. This is the second year in a row that Aquatic Therapy University's Andrea Salzman will lead this pool-based lab intensive.

Advanced Service

Technician™ Course

Wednesday, October 18, 8:00 am-5:00 pm

Acquire the AST Certification

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Energy-saving incentives

Continued from page 5

example, at 5000 ft a pump can lift water 5 ft, while at sea level a pump can lift water up to 10 ft. In other words, the atmospheric pressure at sea level is 14.7 lbs, while at 5000 ft the pressure is 12 lbs. This is important to remember because the higher the elevation, the more vacuum required in the

system to make the pump operate properly.

Throttling centrifugal pumps with a discharge valve is not as energy-efficient as using a variable-frequency drive (VFD) to slow the pump/motor speed down, but it is much less expensive to install. To understand why many

utilities are offering large incentives and rebates to those that switch from single-speed pumps to VSPs, it is important to understand how they differ.

Pump motor differences

Historically, pool pumps with induction motors, which only operate at one or two speeds, draw more energy than is necessary to circulate water, and in some cases pump more water than necessary. These units must constantly operate at high speed to perform demanding jobs such as running a waterfall or pool cleaner. On the other hand, it takes far less power to filter the pool water—a difference single-speed pumps cannot address.

The programmability of a VSP is where these pumps differ. In fact, some have built-in, constant-flow software, which maximizes the advantages of these pumps, as it will automatically adjust its speed to deliver the required

flowrate for each programmed task. For instance, to achieve the maximum laminar jet height of 7 ft at a distance of 8 ft, a water supply of 10 gallons per minute with 16 ft of head (measured at the laminar) is required to produce a smooth 6-ft arc of water. As the filter accumulates dirt, however, the pump will sense resistance in the circulation system and automatically ramp up its speed to continually provide the proper flowrate the water feature requires. With other pump types, the water feature will gradually throw a shorter arc of water as the filter gets dirtier.

VFD pumps can also be programmed to achieve specific turnover rates which allows for the reduction of motor speed, power, and energy use during periods when filters are clean, instead of sizing the pump to assume worst-case operating conditions.

No matter what type of pump

is being used, however, slower speeds save energy, reduce noise levels, as well as wear and tear on other pool equipment the water circulates.

How aquatic facilities can benefit from pump efficiency

With respect to commercial pools, a three-phase pump is a no-brainer as it can save an aquatic facility approximately 35 to 60 per cent on its energy bills in comparison to using a one- or two-speed model. Further, when combined with a VFD, it increases the pump's efficiencies, as well as provides better energy savings. And even with a single-phase application, a VFD can be used with a three-phase pump to bring savings to those facilities as well.

Technological advancements in today's pool equipment make it imperative for industry professionals to take the time to sit with facility managers to ensure they are achieving the water quality, parameter reporting, and cost controls necessary to keep their facilities operating efficiently.

With many municipal and YMCA-type pools struggling to keep their doors open, the integration of all components in the pump room is paramount to ensuring the lowest possible operating costs. This was the case for one such facility in Woodstock, Ont., with a 87,660 gal pool built more than 35 years ago. Hollandia Pools and Spas, a commercial design/build and service company based in London, Ont., was called upon to

Continued on page 22



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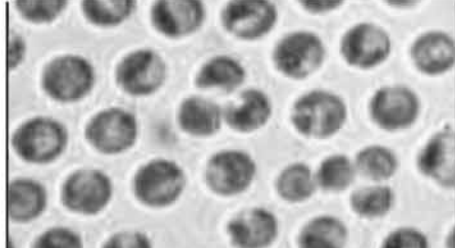
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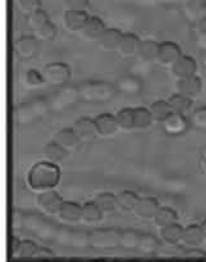
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Pentair named Silver Winner by Chief Marketer's PRO Awards for Best Seasonal-Themed Campaign

Pentair was recognized as the "Best Seasonal-Themed Campaign" Silver Winner by Chief Marketer for its 2016 "Pump Up Your Savings" campaign at the publication's Mastering Brand Activation event and PRO Awards Luncheon held in New York City, June 13, 2017.

"We're honored to have our work recognized alongside many of the world's best-known brands," said Marcus Phillips, marketing director for Pentair's Aquatic and Environmental Systems. "At Pentair, our goal is to provide innovative products to pool owners while delivering real value to our dealer network, and the 'Pump Up Your Savings' campaign did just that."

Designed to promote Pentair's new variable speed IntelliFlo pool pump, the company launched the "Pump Up Your Savings" campaign with a \$100 rebate program



to generate excitement with dealers, retailers and pool owners. The campaign was promoted through numerous channels and tactics, including search ads, social retargeting, a website landing page, in-store signage (including branded beach balls), pins on employee uniforms and text messages. To encourage and excite the pool retailers about the pump, Pentair hosted a display contest where pool retailers could win prizes by decorating their stores and submitting photos. The campaign resulted in an increased rebate redemption rate by more than 150 percent over the previous year, and more than 17.5 million impressions were recorded through the website landing page, retargeting ads, display ads, paid search, and e-mail.

Pentair worked with agency partner Blue Flame Thinking on the campaign.

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"Perminator EVOH completes W. R. Meadows' line of vapor barriers by offering an option for a strong gas barrier membrane that is durable and efficient as part of a complete system in preventing

containments in the soil from penetrating the structure," says Glenn Tench, director of marketing for W. R. Meadows.

For more information on Per-

minator EVOH, such as application information and technical data, visit wrmeadows.com/perminator-evoh-under slab-gas-vapor-barrier.

W. R. Meadows rolls out its newest addition to their vapor barrier product line with Perminator EVOH. This seven-layer co-extruded barrier manufactured from state-of-the-art polyethylene and EVOH resin is specifically designed for brownfield sites. Per-

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WAHC

Continued from page 7

that your customers respect to gain a competitive advantage for your service company. Email conference@nspf.org to purchase the show's special and complete the online modules before attending this one-day classroom session.

Insider's Tour

Wednesday, October 18, 9:00 am-2:00 pm

Interested guests will discover local and unique aquatic facilities, as well as best practices for operation and sustainability within Boulder. The tour will be an additional \$65 and includes transportation and lunch. The tour will visit the University of Colorado—Boulder Student Rec Center; the East Boulder Community Center, a Boulder government owned facility; and the Bay Aquatic Park, a Broomfield government owned facility.

NSPF Instructor Update Meeting

Wednesday, October 18: 2:30 pm-5:00 pm

NSPF Instructors are encouraged to attend the Instructor Update Meeting held at the WAHC each year. Awards are presented to top instructors, and new products, programs, and practices are

Continued on page 18



The IPSSAN subscriptions available to employee members

Would you like your employees to read The IPSSAN each month? All you need to do is contact the IPSSA Financial Office (888-391-6012 or melody@cramercpa.com) and make the request.



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IPSSA Code of Ethics

As a member of the Independent Pool and Spa Service Association, Inc., I will utilize my professional knowledge and skilled practical workmanship in providing quality customer service. To that end, it will be my responsibility to keep informed of developments in the pool and spa industry including new techniques and product applications.



My second obligation will be to the members of IPSSA by giving them any professional assistance they may need including sick route coverage. With respect to sick route coverage, I will treat sick route clientele with professionalism and respect, and will not solicit the business of a sick route client while providing sick route coverage.

My final responsibility will be to my community and its citizens. I will strive to communicate the necessity for pool safety and other issues of importance to pool and spa owners.

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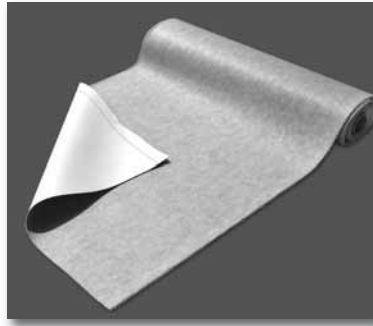
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W. R. Meadows announces new Clay-Tite

W. R. Meadows has recently added Clay-Tite Bentonite Waterproofing Membrane, a dual layer waterproofing membrane consisting of virgin HDPE, sodium bentonite, and a protective layer consisting of a non-woven polypropylene, to its vast line of construction products. The HDPE in Clay-Tite provides the first layer of waterproofing while the bentonite's

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ing, even when used in high water head conditions. It self-seals under hydrostatic environments and can be installed in all weather conditions on green or damp surfaces.

"The addition of Clay-Tite to our waterproofing line offers our customers a waterproofing option that is based on bentonite clay," says Glenn Tench, Director of Marketing for W. R. Meadows.

"This is a first of its kind from W. R. Meadows."

For more information on our newly released Clay-Tite waterproofing product, visit wrmeadows.com/clay-tite-bentonite-waterproofing-membrane.

IPSSA members eligible for 35% rebate on online education at ipssa.com

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Prices for the classes range from \$19.95 to \$259, with most in the \$19.95 category. And, IPSSA members will be rebated 35% of their class fee upon completion.

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Pleatco newly appoints Michael Spurgin as European Sales Representative

Pleatco is proud to announce and welcome Michael Spurgin as independent sales representative for the European market. Mr. Spurgin will be responsible for sales leadership throughout Europe, and will be instrumental in driving the brand and product sales, as well as international strategic planning and implementation for the region.

Michael joins the Pleatco team from Global Products Supply, his own factory representation company located in Puylobier, France. Michael is a result minded, dynamic marketing and business development executive with fifteen years of technical knowledge and experience in the Pool and Spa Industry across EMEA with a solid background in multiple sales channels.

Prior, Michael held several management positions including Business Unit Director EMEA, Pool and Spa Division for PENTAIR and as Purchasing and Marketing Director for PROCOPI - Gémenos, France. Before this he worked for BUNNSCHWEILER

& Co in the UK and 3M in Brussels, Belgium.

Michael also comes to Pleatco with a Masters degree in International Management and BA

Honors in International Business and Languages.

Howard Smith, CEO, states "We are very excited to welcome Michael to Pleatco. Not only will

he bring a wealth of international experience to our sales team, but also be a great ambassador for our brand as we concentrate our expansion efforts in the European

marketplace."

Michael has led an extraordinary life growing up as a British national living in Nigeria before moving to Europe. He speaks fluent French and English, has four children and enjoys trail running, rugby, skiing, mountaineering and photography.

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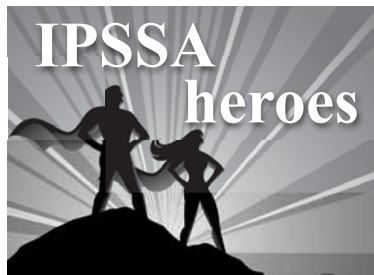
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WAHC

Continued from page 15

introduced in detail for the upcoming year.

Environmental Health Leader Lunch Round Tables

Thursday, October 19 & Friday, October 20, 12:00 pm–1:30 pm

In addition to the Vote on the Code Conference held earlier in

the week, Environmental Health Officials are invited to a closed round table lunch during the WAHC to discuss relevant and upcoming trends and best practices. Local EH Officials are invited to purchase a guest ticket for just \$25 to attend lunch. To register or for more information, con-

tact conference@nspf.org.

Post Conference Events

USA Swimming Regional Build A Pool Conference

Saturday, October 21, 8:00 am–5:00 pm & Sunday, October 22, 8:00 am–4:30 pm

A Regional Build A Pool Conference will take place the weekend after the WAHC. During this two-day conference, attendees can expect to discuss design considerations with builders, facility directors, and design companies.

NSPF Instructor Course

Saturday, October 21, 8:00 am–5:00 pm; Sunday, October 22, 8:00 am–5:00 pm; & Monday, October 23, 8:00 am–12:00 pm

NSPF has been educating

instructors to deliver our training programs for many years. This year following the WAHC, 30 NSPF Instructor candidates will stick around to prepare to become NSPF Instructors who share knowledge with pool operators around the world. It is a closed course, but interested parties may visit nspf.org for more information.

Conference Sponsors/Tabletops

The lead sponsors for WAHC 2017 are Neptune Benson, a leader in water filtration and disinfection; and Waterco USA, a manufacturer of high quality pumps, filtration systems, solar pool heating, and chemicals. Additional sponsors include Berndorf Metall-

und Bäderbau GmbH, a manufacturer of stainless steel pools in Europe; facility designer Councilman-Hunsaker; S.R. Smith, manufacturer of pool deck equipment, lighting, and ADA lifts; Hach Company, manufacturer of instruments and reagents for water testing and water quality; AQUA-SALT; Wapotec; Blue Mind; Aquatics International; AQUA; Pool & Spa Marketing; Pool & Spa News; and SPLASH!. Sponsorship opportunities are still available; please email conference@nspf.org for more information.

Poster Presentations

Those interested in sharing

Continued on page 20

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Step Into Swim

Continued from page 3

swimming is the "funnest sport" with posters, club support materials, and public service announcements. Visit swimtoday.org to learn more or to find a local facility that offers swim lessons, hosts a team, and is operated by CPO® Certified professionals.

The Jewish Community Center (JCC) Association is receiving \$22,000, targeted to benefit children near and dear to their hearts: Twenty JCCs are receiving funding for their Special Needs Swim Programs. Twenty additional JCCs are receiving funding to provide swim lessons to five or more children from Angels of America's Fallen (see below) at each of their locations.

Angels of America's Fallen (AOAF) is a third-year Campaign recipient, directly funding swimming for the children of fallen military and first responders. AOAF supports the children by engaging them in healthy activities throughout their entire childhood. Last year, two-year old Lylah, who was on AOAF's waiting list for an activity of her choice, fell into the family pool and tragically drowned. Affectionately, "Lessons from Lylah" was initiated to enroll the children of the fallen in learn to swim programs. The American Chemistry Council has directed their donation to this program.

Momentum continues to grow with the New York State Parks (NY State Parks) learn to swim program, supported this year by an announcement from Governor Cuomo. This program started with an industry collaboration five years ago: NSPF, Red Cross, and NY State Parks continue to work together, expanding this year to 27 NY State Parks and teaching about 3,000 children each year. Since the program started, the NY Department of Health, Master Pools Guild, and the NESPA Foundation have joined the effort with generous donations. "This is a great example of government, non-profits, and industry collaborating and changing thousands of people's lives for the better," says NSPF Board Chairman Bruce Dunn.

One of the great outcomes of the Step Into Swim Campaign is that more industry leaders are engaging with local water lovers. National Pools of Roanoke has donated to two local YMCA's, the YMCA of Roanoke Valley and YMCA Salem's "Y" Splash programs. To support their generosity, the Campaign made an additional \$500 donation to those two facilities. NSPF Chairman Bruce Dunn has championed the Campaign; he and his company, Mission Pools donate generously in their community. To honor them, the Campaign has donated \$500 to the YMCA of San Diego. Desert-Aire Corporation and architectural firm Purdy and Associates has contributed funds directed to Arizona-based EVO Swim School to support their mission of serving parents, children, and adults with the very best in aquatic education.

Industry leaders who are invested in their local community and the community of their customers value knowing where their contributions are directed. To support the campaign visit stepintoswim.org.



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WAHC

Continued from page 18

recent aquatic knowledge and findings with attendees may do so through poster presentations. Information displayed varies greatly based on the presenters' focus of research and knowledge within the industry. Poster presenters will reside in a prime location, both for visibility and for convenient net-

working with fellow attendees. Poster submissions are accepted until August 18.

Registration

Registration for WAHC includes heavy hors d'oeuvres at the Welcome Reception and breakfast and lunch on both Thursday and Friday. Early registration is just

\$445 when you register by May 31. The price will increase to \$495 on June 1, and again to \$595 on August 1. The first 100 registrations will be entered into a raffle to win three different prizes during the farewell function. First prize winner will receive an iPad, second prize a 50" flat screen TV, and third



prize is a free 2018 WAHC registration. Visit www.theWAHC.org to register today!

Hotel and Travel

Discounted hotel rooms at the Omni Interlocken can be reserved for a rate of \$164 per night, plus taxes. This rate is available through Monday, September 28, 2017, but will sell out early. Attendees are encouraged to reserve a room online or call (303) 438-6600 and ask for the World Aquatic Health Conference rate. Guests are charged upon check-in for reservations. Contact conference@nspf.org for information on government rate rooms, if applicable.

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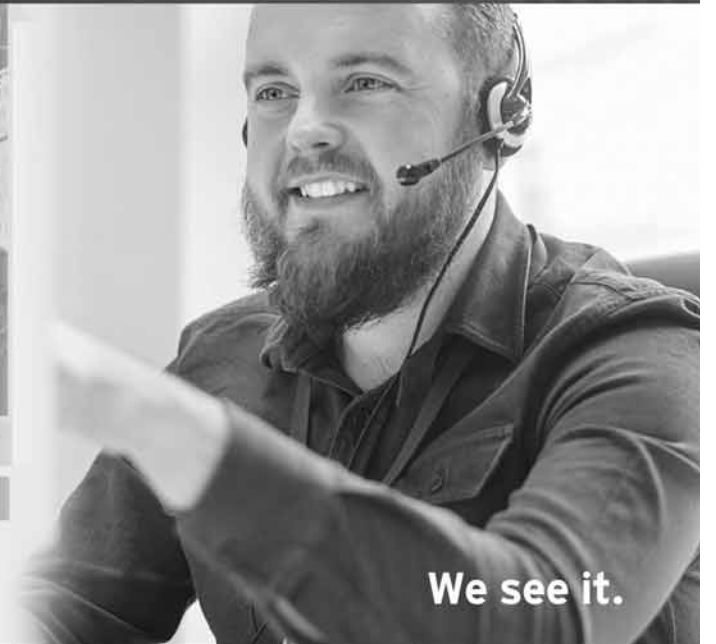
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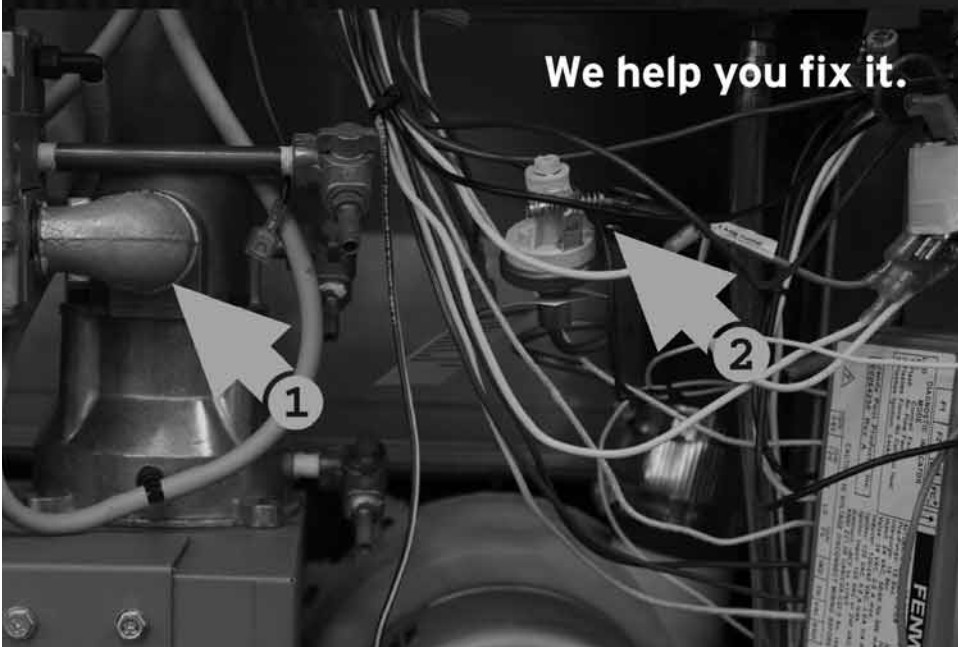
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of Regional
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info@ipssa.com
Save the Date!

Energy-saving incentives

Continued from page 8

design and renovate the equipment room.

“Having the opportunity to design the pump room for maximum efficiencies allowed us to not only upgrade the existing equipment, but also enabled us to integrate additional technologies to improve the pool’s operating efficiencies and at the same time increase the facility’s cost savings,” says the company’s Richard

Deakin.

A big part of the energy savings provided to this particular YMCA was the result of the installation of VFDs on the pumps.

“The facilities where we have installed these units typically see an annual savings of at least \$10,000 in operating costs,” says Deakin. “The units are not free, but the return on investment (ROI) is normally less than three years,

and some areas are even being given rebates from utility companies, making the payback period even shorter.”

Selecting the right pump

Proper pump selection (sizing) and optimal flowrates (as mentioned above), are additional ways to reduce energy costs. Affinity laws indicate the power demanded by a pump is proportional to the cube of the flowrate. For example, if the pump’s flowrate is doubled, then its power demand is increased by a factor of eight. Therefore, it is important to use the smallest pump that is capable of turning over the entire pool volume in an acceptable amount of time.

During the pump selection phase for an aquatic facility, the auxiliary features (e.g. spray pads, fountains, and waterfalls) should also be considered, as it is common for them to use the pool’s main pump. Some building codes, however, require the use of a multi-speed pump, or in some cases, a separate pump for each auxiliary pool load. Pumps for aquatic facilities are oversized by design, sometimes more than 20 to 40 per cent bigger than they need to be. This is because many architects and engineers look at what is required, then pick the next size up to be sure the pump can handle the job.

Comparing equipment costs to energy savings

Even with the advantages explained, some homeowners and facility operators still find the cost of a VSP or VFD hard to justify. However, before ruling one out, the price of a new pump should be compared to the expense of doing nothing. For example, an aquatic facility using a single-speed pump may have operational costs of up to \$900 per year. After five years, the facility will have spent \$4500 to operate the pump. However, comparable operational costs for a facility with a well-designed circulation system that uses a VSP or VFD may be as little as \$200 per year. During the same five-year period, it would cost the facility less than a quarter the amount it would have spent using a single-speed pump. Cost savings will continue to multiply the longer the VSP or VFD is used. (Costs and savings will vary by region). The initial cost of a VSP or VFD can typically be recouped during the second year of operation, especially in those pools that run year round.

With the substantial energy-use rebates some local power companies offer, in conjunction with the savings in daily operational expenses, some end-users are getting back approximately 50 per cent of the pump’s cost in less than a year. Now is the time for service professionals to incorporate variable speed pumps into their service offerings.

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B.O.R.D. Member: **Brian Duncan**
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E-mail: brian@pppsinc.com

CAPITAL VALLEY: (Sacramento): First Wed., 7 p.m.
VFW, 8990 Kruithof Way, Fair Oaks
Pres. Scott Houseman (916) 638-4100
scott@leisuretimepool.com

DELTA: (Stockton)
Third Wed., 6:00 p.m., The Elks Lodge
19071 N Lower Sacramento Road, Woodbridge
Pres. Rick Plath (209) 456-1605
service@rickspoolservice.com

EAST BAY
Third Tues., 6 p.m., Pleasant Hill Community Center,
320 Civic Drive, Pleasant Hill
Pres. David Luthy (510) 435-5252
townandcountrypool@comcast.net

EAST CONTRA COSTA
Fourth Tues., 6:00 p.m., La Fuente Mexican Restaurant,
642 1st Street, Brentwood
Pres. Dale Vaughn (925) 759-3819
dalevaughn1176@comcast.net

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Second Thurs., 6:30 p.m., Shingle Springs Comm. Ctr.
4440 S. Shingle Road, Shingle Springs
Pres. Shawn Panico (916) 201-6245 / www.edipssa.com

ELK GROVE
Second Wednesday, 7:00 p.m., Logan's Roadhouse,
9105 W. Stockton Boulevard, Elk Grove
Pres. Jerry Marquardsen (209) 747-4953
jerryspoolservice@yahoo.com

GOLD COUNTRY
First Mon., 6:00 p.m., Max's Restaurant
110 Grass Valley Hwy, Auburn
Pres. Ryan Ruminson (530) 401-7346
ryanruminson@sbcglobal.net

MODESTO CENTRAL VALLEY:
Third Tues., 6 p.m.
Perkos Restaurant, Kiernand Road & 99, Salida
Pres. Albert Camarillo (206) 628-2717
acspoolserv@yahoo.com

SACRAMENTO CITY
Fourth Wed., 7:00 p.m., Plaza Hofbrau
2500 Watt Ave., Sacramento
Pres. Nathan Williams (916) 213-6889

TRACY: Fourth Thurs., 6 p.m.,
Perko's Café, 1321 W. 11th Street, Tracy 95376
Pres. Kevin McLard (209) 833-9200
kevin_m@klmpools.com

WEST PLACER: First Thurs., 5:30 p.m., Strikes
Bowling Alley, 5681 Lonetree Blvd., Rocklin CA 95765
Pres. Kyle Bridgman (916) 801-9155
jkpoolservices@gmail.com

REGION 2 (CENTRAL CALIFORNIA)
B.O.R.D. Member: **Manuel Margain**
(559) 307-1072
E-mail: manuelmargain@comcast.net

BAKERSFIELD: First Tues., 5:30 p.m.,
Rusty's Pizza, 6675 Ming Ave, Bakersfield
Pres. Beau Braisher (661) 332-4952
braisherpools@gmail.com

CENTRAL COAST
Second Wed., 7 p.m., Mtgs alternate between
N/S Co., Contact chapter Pres. for info.
Pres. Tom Mazzo (805)550-6709
tmazzopoolguru@yahoo.com

CONEJO: Second Wed., 7:30 p.m., Alpha Water
Systems, 725 Cochran Street #A, Simi Valley
Pres. Dennis Van Sloten, (805)813-6154
dvs10@live.com

CONEJO VALLEY
Second Wed., 6:30 p.m., Superior Pool Products
1200 Lawrence Drive #400, Newbury Park
Pres. Michael Flanagan (805) 444-7960

FRESNO: Fourth Tues., 7 p.m.
Roundtable Pizza at First & Bullard, Fresno
Pres. Norm Carpenter, (559) 217-1228
ipssafresno@gmail.com

SANTA BARBARA
Second Mon., 6:30 p.m., Rusty's Pizza Parlor
232 W. Carrillo, Santa Barbara (downtown)
Pres. Joe Burich (805) 451-1963
mericks2001@yahoo.com

VENTURA: Third Tues., 7 p.m.
Poinsettia Pavilion, 3451 Foothill Rd, Ventura
Pres. Max O'Brien (805) 794-6270
gotomax@att.net

VISALIA: Third Wed., 6 p.m.,
Amigo's Cantina, 5113 W. Walnut Ave., Visalia
Pres. Roman Gomez (559) 992-5779
romangomez1251@yahoo.com

REGION 3 (NORTH L.A. COUNTY)
B.O.R.D. Member: **Terry Snow**
(909) 982-9962
E-mail: tls.pools@verizon.net

ANTELOPE VALLEY: Second Monday, 6 p.m.
SCP Antelope Valley, 4514 Runway Dr., Lancaster
Pres. Steven Polovina (661) 236-6095
spgotj85@yahoo.com

DIAMOND BAR
First Thurs., 7:30 p.m., Oak Tree Lanes, Diamond Bar
Pres. Johnny Hernandez (626) 833-7456
justpools626@yahoo.com

FOOTHILL: Third Thurs., 7:00 p.m.
849 Foothill Blvd. #4, La Cañada
Pres. Raul Fernandez (818) 378-9231

SAN FERNANDO VALLEY
Third Wed., 7:30 p.m., Canoga Bowl
20122 Vanowen, Canoga Park
Pres. Blaine Enbody (805) 529-7562

SAN FERNANDO VALLEY METRO
First Tues., 7 p.m., Canoga Bowl, 20122 Vanowen,
Canoga Park / Web site: www.sfvmetro.com
Pres. Eric Nielson (818) 710-1628
willowcreekpools@gmail.com

SAN GABRIEL VALLEY
Second Thurs., 7:00 p.m.
PEP, 1862 Business Center Dr., Duarte, CA 91010
Pres. Brian Nies (626) 536-2008
brian@proppool.com

SANTA CLARITA VALLEY
First Thurs., 7:00 p.m.
Vincenzo's Pizza, 24504 1/2 Lyons Avenue, Newhall
Pres. Kent Simpson (661) 373-9901

REGION 4 (SOUTH L.A. COUNTY)
B.O.R.D. Member: **Jason Briggs**
(310) 370-2144
E-mail: jason@paradisepools.biz

CENTRAL LOS ANGELES
Second Mon., 6:30 p.m., Han Woo Ri Presbyterian
Church, 1932 S. 10th Ave, Los Angeles
Pres. Juno Yi (323) 850-8118
juno8118@gmail.com

EAST LONG BEACH
Second Tues., 6:30 p.m., Ecco's Pizza,
2123 N. Bellflower Blvd, Long Beach
Pres. Bill Rothwell (562) 425-8249
poolboy1950@yahoo.com

SOUTH BAY
Second Wed., 7 p.m., American Legion Hall
412 S. Camino Real, Redondo Beach
Pres. Brad Jones, (310) 880-7665
aaapools@verizon.net

WESTSIDE
Second Tues., 6:30 p.m., American Legion Hall
5309 S. Sepulveda, Culver City
Pres. Rick Haro (310) 204-4327
rick@haropools.com

WHITTIER: First Wed., 7 p.m.
Superior Pool Products in Santa Fe Springs
Pres. Grant Hucko (714) 240-2099
hucko@sbcglobal.net

REGION 5 (ORANGE COUNTY)
B.O.R.D. Member: **Michael Kei Black**
(714) 891-0351
E-mail: mblackels@netzero.com

ANAHEIM
Third Wed., 6:30 p.m.
Roundtable Pizza, 12829 Harbor Blvd., Garden Grove
Pres. Cal Pratt (949) 230-7462

CENTRAL ORANGE COUNTY
Last Tues., 7 p.m., Coco's, 14971 Holt Ave., Tustin
Pres. Mark Harrison (949) 874-8234
maharrison16@yahoo.com

DANA POINT
Second Tues., 6 p.m., Coco's, Crown Valley and I-5
Pres. Cliff Gross (949) 587-9773
cliffgross@cox.net

MISSION VIEJO
First Tues., 6 p.m.
Claim Jumper, 27845 Santa Margarita Pkwy
Pres. Tracy Simmons (949) 702-3545
acmepoolcare@sbcglobal.net

NORTH ORANGE COUNTY
Second Wed., 7 p.m., Graziano's Italian Restaurant,
17487 Imperial Highway, Yorba Linda
Pres. George Bonilla (714) 349-3326
gbpsinc@ymail.com

ORANGE COAST
Last Monday, 5 p.m., Carrow's Restaurant
Warner & Magnolia, Huntington Beach
Pres. Tom Honrath (714) 848-3580
thonrath@hotmail.com

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Last Tues., 6 p.m., Lone Star Steakhouse,
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SOUTHWEST
First Wed., 6 p.m., ABC Pools
10560 Los Alamitos Blvd., Los Alamitos
Pres. Ken Tipton (562) 430-8515

SURF CITY
Third Tues., 6:30 p.m., Superior Pool Products,
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Pres. Frank Malavar (714) 960-3558

TUSTIN/IRVINE
Second Tues., 6:00 p.m., PSOC Waterline Technologies,
220 N. Santiago Street, Santa Ana
Pres. Rich Foley (714) 974-1514

YORBA LINDA
First Wed., 6:45 p.m., Lampost Pizza,
21480 Yorba Linda Blvd. #D, Yorba Linda CA
(call president to confirm mtg time).
Pres. Jaime Aranda, (714) 746-5138
jaimearanda@sbcglobal.net

REGION 6 (INLAND EMPIRE)
B.O.R.D. Member: **John Dixon**
(951) 316-1675
E-mail: waterwhisperer1@verizon.net

CORONA: Second Tues., 7:00 p.m., Marie Callenders
160 E. Rincon St. (at Main St.), Corona
Pres. Dave Berg (909) 674-1556 / djpoolguy@msn.com

Hemet: Third Wed., 6:00 p.m.
Shooters, 121 E. Florida Ave, Hemet
Pres. John Bettencourt (951) 925-2442
bettencourt@msn.com

MENIFEE VALLEY
First Wed., 7 p.m. at My Buddies Pizza
2503 E. Lakeshore Drive #A, Lake Elsinore
Pres. Renee Marier, (951) 285-9672
mangopoolnsa@verizon.net

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Second Tues., 7 p.m., Carrows Restaurant
11669 Foothill Blvd., Rancho Cucamonga
Pres. Ron Goodwin (909) 989-0406
good2win@msn.com

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Third Thurs., 6 p.m./7 p.m., please check with pres.
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Pres. James Elliott (760) 413-0463

REDLANDS: Second Tues., 6 p.m.
Hickory Ranch, 32971 Yucaipa Blvd., Yucaipa
Pres. Bill Brooks (909) 553-5780

RIVERSIDE:
First Tues., 6:00 p.m., Cask N Clever,
1333 University Ave., Riverside
Pres. Nathan Smith (972) 296-7946
info@riversidepools.com

TEMECULA/MURRIETA
Third Wed., 7 p.m., Pat & Oscar's
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Pres. Jack Delaney (951) 674-6318

REGION 7 (SAN DIEGO COUNTY)
B.O.R.D. Member: **Joe Lukacik**
(619) 561-8587
E-mail: joe.sunpools@yahoo.com

CARLSBAD: Third Wed., 7 p.m.
El Rancho Restaurant, 1565 N. Santa Fe, Vista
Pres. David Talbot (760) 845-6863

ESCONDIDO
Third Wed., 6:30 p.m., Call for location.
Pres. James Leisten (760) 737-3058
jim@blueribbonps.com

NORTH COUNTY COASTAL
Third Tues., 6:30 p.m.
Brett's BBQ, 1505 Encinitas Blvd., Encinitas
Pres. Jordan Nelson (760) 753-4996
jordan1111@gmail.com

RANCHO DEL MAR
Third Mon., 5:30 p.m., Tio Leos
3510 Valley Centre Drive, San Diego
Pres. Joshua McKee (858) 337-4482
josh@makaipools.com

SAN DIEGO
Third Wed., 7 p.m., Mission Valley Resort
875 Hotel Circle S., Mission Valley
Pres. Michael Harris (619) 395-6700
barrowpoolsd@gmail.com

SAN DIEGO EAST COUNTY
Third Tues., 6 p.m.,
Superior Pool Products, 1973 Friendship Dr., El Cajon
Pres. Berny Sweeney (619) 244-0496
bernyepoker@hotmail.com

SAN DIEGO METRO
Fourth Thurs., 7:00 p.m.
Coco's, 1025 Fletcher Parkway, El Cajon
Pres. Mike McCourtney (760) 788-0823
sunrisepools1@hotmail.com

REGION 8 (SOUTHWEST)
B.O.R.D. Member: **Mike Lee**
(480) 786-0687
E-mail: mountainsidepools@mac.com

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Third Thurs., 5:45 p.m., Superior Pool Products
2350 W. Broadway Rd. #110, Mesa
Pres. Steve Ward (480) 213-0481
wardspool@yahoo.com

HENDERSON:
First Wed., 7 p.m., Village Pub-Horizon Ridge
10900 S Eastern Ave, Henderson NV
Pres. Forrest Owen (702) 372-7200, poolboys@cox.net

IPSSA VIPS: Third Wed., 7:00 p.m.
Elk's Lodge #335, 14424 N. 32nd St., Phoenix
Pres. Joe Mischik (602) 290-5547

NORTH PHOENIX
Third Tues., 7 p.m., SCP
18201 N. 25th Avenue, Phoenix AZ 85023
Pres. William Goossen (623) 580-9802
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NORTHWEST LAS VEGAS
First Thursday, 7:00 pm
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Pres. Robert Fazio, (702) 591-1624

SCOTTSDALE
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20810 N. 25th Place, Phoenix
Pres. Kurt Schuster (602) 488-7335

TUCSON:
Third Wed., 6:30 p.m.
Superior Pool Products, 4055 N. Runway Drive.
Ken Sanders (520) 429-6959

WEST VALLEY
First Wed., 7:00 p.m., Cloud Supply
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Pres. Patrick Pace (623) 853-6859

WESTERN LAS VEGAS
First Mon., 6:30 p.m. (excl. holidays)
Vietnam Vets Hall, 6424 W. Cheyenne, Las Vegas
Pres. Linda Cross 702-524-8453
ipssalindacross@gmail.com

REGION 9 (TEXAS)
B.O.R.D. Member: **Becky Clayton**
(210) 240-3121
E-mail: beckyclayton@yahoo.com

AUSTIN: First Tues., 6 p.m., Cherry Creek Catfish Co.
5712 Manchaca Rd, Austin
Pres. Keith Timm (512) 636-3750
keith@acuatico.com

CLEARLAKE: Fourth Tues., 7:00 p.m.,
Rudy's BBQ, 21361 Gulf Fwy, Webster
Pres. David Potts (208) 887-6486
david@freedompools-texas.com

CORPUS CHRISTI
First Thurs., 6:30 p.m., Schlitterbahn Upper Padre
14353 Commodores Drive, Corpus Christi
Pres. Michael Baker (361) 563-7655

HILL COUNTRY: Third Tues. Logan's Roadhouse,
1141 Interstate 35 Frontage Rd, San Marcos
Pres. Jim Stearns (832) 278-9192
stearns_pools@aol.com

HOUSTON: Second Tues., 7 p.m.
IHop, 11225 Katy Freeway, Houston
Pres. Bryan Norris (713) 234-7649
bryan@norrispools.com

NORTH AUSTIN: Second Tues., 6 p.m., Cedar Park
Library, 550 Discovery Blvd.
Pres. Ken Burrection (512) 673-6701
aqualinepoolservice@gmail.com

NORTH HOUSTON: Third Tues., 7 p.m., IHop
25619 Interstate 45, Spring
Pres. David Harling (281) 256-7886
bigstatepools@sbcglobal.net

SAN ANTONIO: First Mon., 6:30 p.m.
Palenque Grill, 389 North Loop 1604 W, San Antonio
Pres. Flash Rose (210) 241-7548
flashpoolservice@sbcglobal.net

WEST HOUSTON: Second Mon., 7 p.m.
Spring Creek BBQ, 21000 Katy Freeway, Katy
Pres. Bill Williams (832) 593-6299
poolmaxxinc@gmail.com

REGION 10 (BAY AREA SOUTH)
B.O.R.D. Member: **John Oldfield**
(888) 641-8047
E-mail: joldfield@oldfieldinc.com

FREMONT: Second Mon., 6 p.m.,
El Patio Restaurant, 37311 Fremont Blvd., Fremont
Pres. Michael Murphy (510) 579-1448

MID-PENINSULA
Last Tues., 7 p.m., Superior Pool Products
2692 Middlefield Rd, Redwood City
Pres. Justin Lindley (650) 863-6661
justinyourpool@gmail.com

MONTEREY COAST: Fourth Wed., 7:00 p.m.,
Holiday Inn Express, 1855 Main Street, Watsonville
Pres. Terry Page (831) 297-2215
pinnaclepoolandspa@sbcglobal.net

REDWOOD EMPIRE (Marin Co.)
Third Wed., 7 p.m., Lucchesi Park, Petaluma Park,
320 N. McDowell Blvd., Petaluma
Pres. Darrell O'Neal (707) 544-3060
dandmpool@aol.com

SANTA CLARA VALLEY: Third Thurs., 7:30 p.m.,
Napredak Hall, 770 Montague Expressway, San Jose
Pres. Joe McVeigh (408) 249-9731
josplash@sbcglobal.net

SILICON VALLEY: First Wed., 6 p.m.
Armadillo Willy's, 1031 N. San Antonio Road, Los Altos
Pres. David Guslani (650) 333-1351
dguslani@earthlink.net

TRI-VALLEY: Second Thurs., 6 p.m.,
Meeting locations vary. Check with chapter president.
Pres. Gregory Gordon (925) 922-2212
gregpoolservice@gmail.com

REGION 11 (FLORIDA/GEORGIA)
B.O.R.D. Member: **Derric Raymond**
(407) 908-4555
E-mail: derric@raymondscustompools.com

GOLD COAST (Ft. Lauderdale area)
Second Tues., 6:30 p.m., Wings Plus,
9880 W. Sample Rd, Coral Springs
Pres. Ana Labosky (954) 224-7733
www.ipssagoldcoast.com;
president@goldcoastipssa.com

MANASOTA (Bradenton/Sarasota)
First Mon., 7:00 p.m., Call for meeting
location and directions
Pres. Todd Starner (941) 915-2135
tstarner@tampabay.rr.com

NORTH GEORGIA
Pres. Benjamin Decker (404) 405-0197
ben@classicpoolsvc.com

OSCEOLA (Kissimmee/Orlando)
Second Wed., 6:30 p.m.
Fat Boy's Restaurant, 2512 13th Street, St. Cloud
Pres. Diane Fowler (407) 460-6680
poolady2001@gmail.com

PORT CHARLOTTE: Fourth Wednesday, 6:30 p.m.,
Buffalo Wings & Rings, 1081 W. Price Blvd, North Port
Pres. Ray Kurilivicius, (941) 743-2010
ray@dartpoolsolutions.com

SARASOTA: First Tues., 6:30 pm
Gecko's Grill & Pub, 351 N. Cattleman Road, Sarasota
Pres. Andy Homner (941) 330-5757
andy@clearwavepoolcare.com

TREASURE COAST: Fourth Tues., 7:00 pm
Duffy's Sports Bar, 6431 SE Federal Hwy, Stuart
Pres. Allen Schroeder (772) 215-1884

REGION 12
B.O.R.D. Member: **Neal Holt**
(972) 617-9877
E-mail: poolguy713@gmail.com

DALLAS: Fourth Tues., 5:30 p.m., Tony's Diner
3112 N. Jupiter Rd #307 Garland TX
Pres. Eustaquio Portillo (214) 325-6746

FORT WORTH
Third Tues., 6:30 p.m., La Playa Maya Restaurant
1540 N Main Street, Fort Worth
Pres. Tina Slagle (817) 991-0555

MID CITIES DFW: First Mon., 7:00 p.m.,
SCP, 2107 Hutton Drive, Carrollton TX 75006
Pres. Casey Gardner (469)835-5674

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For more information about our associate members, please visit their web sites. If company representatives are available to speak at chapter meetings, their topics and geographic availability is indicated.

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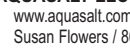
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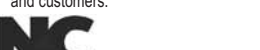
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