VOLUME XXIX, NUMBER 4

April 2017

California Capitol Report

Don Burns: In Memoriam



Many IPSSA leaders were on hand on July 11, 2009 in Newport Beach to honor Don Burns as he retired as president of SPEC. Pictured here are (from left to right) Bob Foutz Jr., David Durkin, Terry Snow, Bob Nichols, Don Burns, Bob Luedtke (in the background), Javier Payan, Chuck Gough and Jim Romanowski.

It is with great sadness that the California Pool and Spa Association announces the passing of its former Executive Director Don Burns. Don managed the Spa and Pool Industry Education Council (now known as California Pool & Spa Association or CPSA), for thirty years, serving as a dedicated champion of the pool and spa industry on all fronts. As an advocate for the pool and spa industry throughout California and beyond, Don truly understood the great impact that legislation and government affairs could have on the members that he represented.

Don first founded SPEC in 1973 as a temporary measure to fight against emergency regulations on gas pool heaters. While the original intention was to only work on the one issue, it quickly became clear that the pool and spa industry desperately needed a dedicated advocate to protect it from other laws and regulations adverse to the pool and spa industry. From that point on, Don became an integral part of the pool and spa industry not just in California but nationwide, leaving his mark on legislation spanning issues from pool safety to the underground economy. The fact that the pool and spa industry is still able to thrive and have an



active place in the legislative landscape in California is thanks to Don and his hard work and dedication.

'Very sad news," said Jerry Wallace, President of CPSA. "Don Burns was a GREAT man. And that does not come close to saying enough about the man that he was. Don led the predecessor to CPSA, SPEC, from its inception until his retirement. I was fortunate to work with him for many years as a member of SPEC leadership. We quickly became friends and we still met periodically for breakfast or lunch. He was more than just a friend to me, he was a mentor...in everything! To say he will be missed is also not enough, and I don't mean just by his family and the swimming pool industry. The world lost a GREAT man that was so much more than just an advocate for the swimming pool industry. We need more people like Don Burns in this world.

John Norwood recalls that Don was a consummate professional in everything he did. "He was always chipper, well dressed

Continued on page 6



El Dorado chapter trap shoot

By Mark Becker

Mark Becker is the Treasurer of the El Dorado chapter.

The El Dorado chapter held their 3rd Annual Trap Shoot at the scenic El Dorado Gun Club on February 25, 2017. Everyone had a great time and our first place winner was Roger

Jones's team from Leisure Supply. Josh Parrott with Adams Pool Specialties was the winner of the Browning shotgun. The winning ticket was drawn by Rylee Coker so Adams generously decided to donate \$200.00 towards the hoverboard she was saving up for. We would like to

thank all of the teams that attended this year, Pentair, Adams Pool Specialties, SCP Rancho, SCP Rocklin, Leisure Supply, Hayward, HASA, Zodiac, El Dorado IPSSA, and Elk Grove IPSSA. Also, thank you Pentair, HASA, & SCP for the awesome BBQ.

Things to do in April

➤ Filter maintenance

➤ Increase filter run times

DO NOT HOLD

DATED MATERIAL

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THE IPSSAN

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Deadline for submission of articles is the 20th of each month. Material submitted late will be considered for the following month

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Lance Fitzgerald wins the February Education Corner quiz

Lance Fitzgerald, member of the San Fernando Valley chapter, was selected randomly among all of the correct entries for the February 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 February quiz are 1. While many sanitizer products provide benefits, only EPA-registered disinfectants are appropriate to prevent disease. A. True B. False, the correct answer is a) true. 2. Another word for base is alkaline. A. True B. False, the correct answer is a) *true.* 3. Pool volume is the amount of space that an object occupies and is expressed in cubic feet. A. True B. False, the correct answer is a) true. 4. Water samples should

be taken from the pool at the easi- True B. False, the correct answer est or most convenient place. A. is b) false.

Calendar of Events

April 6 **NPC Start-Up Technician Certification Class**

Clovis, CA

mpandzic@tso.net

IPSSA Board of Regional Directors Meeting May 20

Houston Airport Marriott, Houston, Texas 10am

info@ipssa.com

Call for IPSSA Liaisons

IPSSA is putting out a call for IPSSA liaisons for APEC, CPSA, FPSIE, NPC and NSPF. If you are interested please send written notice to the IPSSA executive office, attention Amy Nijjar at anijjar@ipssa.com.

All nominations must be received by May 5th.

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Education

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 MAY 20, 2017.

- 1. A pool is said to be "in balance" when the pH, alkalinity, calcium hardness, TDS and temperature are all within the recommended ranges.
 - A. True
 - B. False
- 2. The two basic things that we need to test in the water are:
 - A. pH and chlorine
 - B. Sanitizer and water balance
 - C. chlorine and alkalinity
 - D. sanitizer and pH
- DPD reagent gives you the capability to determine free available chlorine (FAC) and total available chlorine (TAC).
 - A. True
 - B. False
- Cyanuric acid protects chlorine so it stays in the water ____ times longer than without it.
 - A. 5 to 7
 - B. 3 to 5
 - C. 10 to 12
 - D. None of the above

Name			
Address			
City			Zip
Telephone Number (_)		
Chapter			
Carroot Anomara, 1	2	2 4	

_____ 2. ____ 3. ___ Correct Answers: 1.

> (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 MAY 20, 2017.

WELCOME NEW MEMBERS!

REGION 9 – Hill Country: Randy Davis, Alric Gonzalez ... REGION 10 - Redwood Empire: Abner Sagastume ... REGION 12 - Dallas: Thomas Smith... Fort Worth: Zephan Clevenger... Tarrant County: Marita Gardner.

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 appli-

cations.

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.

In these ways, I will promote the ideals and objective of the Independent Pool and Spa Service Association, Inc.

Financial office thanks chapters with prompt payments

The Financial Office thanks the following 36 chapters, whose members all paid promptly in February before second notices were required:

Region 1 – Delta, East Bay, East Contra Costa, El Dorado, Gold

Country, Modesto Central Valley, Tracy

Region 3 – Diamond Bar, Santa Clarita

Region 4 – South Bay

Region 5 – Central Orange County, Dana Point, Mission Viejo, North Orange County, OCPP, Orange County #9, Saddleback, Surf City, Tustin/Irvine

Region 6 – Corona, Hemet

Region 7 – Carlsbad, North County Coastal, Rancho Del Mar

Region 8 – Henderson, West Valley

Region 9 – Corpus Christi

Region 10 – Fremont, Tri Valley

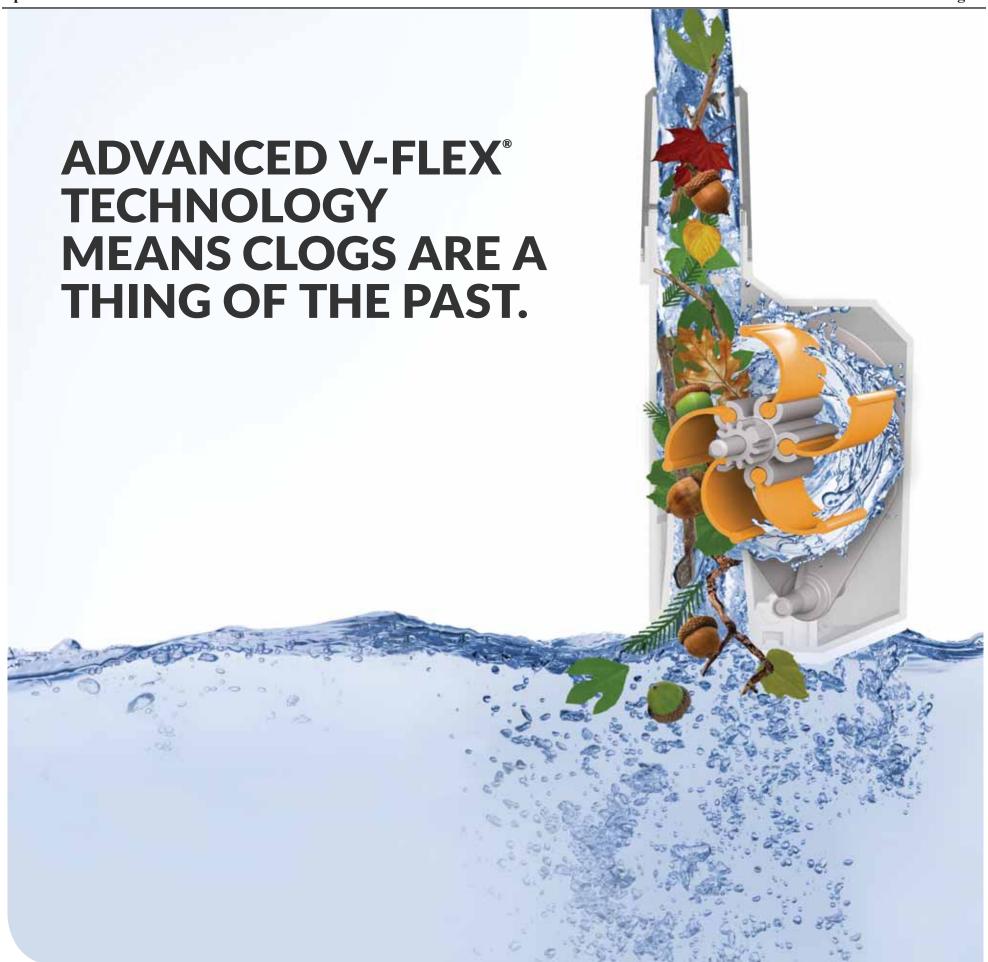
Region 11 – Cape Coral, Gold Coast, North Georgia, Port Charlotte, Treasure Coast

Region 12 – Fort Worth, Mid Cities DFW

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It pays to designate beneficiaries

One of the benefits of membership in IPSSA is a \$50,000 life insurance policy. All you need to do is complete a Beneficiary Designation Form.

But, what happens if you haven't declared a beneficiary? You will lose control of who receives your benefits. The payment of funds will be delayed and, if the benefits are part of a probate, it could take a year or more for your loved ones to get those funds.

The good news is that, when your Beneficiary Designation Form is on file at the IPSSA financial office, the check for your life insurance benefit is issued as soon as the death certificate is received by the insurance company.

Call the financial office (888-391-6012) if you are not sure whether or not your Beneficiary Designation Form has been filed. If not, or if you want to change your beneficiary, you can download the form from the Members Portal on www.ipssa.com.

Don't neglect this small but important detail which could prevent headaches for those you love.



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Justine Lee Pesicka Memorial Foundation

John Dixon is the Region 6 Director.

California State Assemblywoman Melissa Melendez of the 67th Assembly District met for coffee on March 17th with Jodi Pesicka, from the Justine Lee Pesicka Memorial Foundation, and John Dixon, IPSSA Region 6 Director. The purpose of the meeting was to discuss water safety awareness and drowning preven-

Jodi Pesicka's daughter had a near drowning on 8 August 1990 and subsequently passed away from her injuries on 16 October 2013. Soon after, Jodi, and her friend Toni Rousseau, created the Justine Lee Pesicka Memorial Foundation to memorialize her daughter's death. The mission of the foundation is to provide lifesaving swim lessons to children whose parents cannot afford them. It will

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Left to right: Jodi Pesicka, Assemblywoman Melissa Melendez, and John Dixon.

also help families with financial needs to provide the critical care and equipment for their children that insurance will not cover.

The Justine Lee Pesicka Memorial Foundation has initiated a Water Safety Awareness 5K-1K Run-Walk in Wildomar, CA, and

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THE BLOG IS **BACK**

Check out the latest horror stories from Ray's blog "Blame it on the Pool Tech" at

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hopes that it will become an annual event. The 5K-1K Run-Walk will take place at the Marna O'Brien Park at 20505 Palomar St. on 29 April 2017 at 8am. IPSSA Region 6 will participate by promoting water safety and drowning prevention at a booth at the event. Water safety coloring books will be water watcher tags will be given to adults.

Assemblywoman Melendez said she would be happy to help support Jodi's foundation and promote the 5K-1K Run-Walk by posting the event on her Facebook page.



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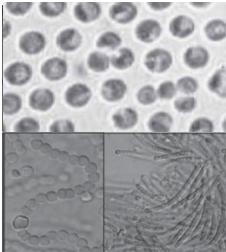


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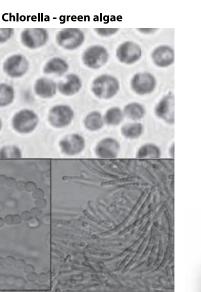
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Hach brings simplified reliable DPD testing to pool operators with new DPD ProTM

DPD Pro is the first NSF Certified dip-and-read test strip for public pools, saving time and minimizing steps, delivering accurate results for seven key chemistries in less than two minutes.

Hach has pioneered a new testing solution for aquatic professionals who are responsible for maintaining healthy water at public pools and spas. The new DPD ProTM test strip kit, released in February 2017, offers a quick and easy method to obtain accurate, reliable test results using the DPD method for Total Chlorine and Free Chlorine. In less than two minutes, pool operators and staff can obtain test results for seven key chemistries. Hach's DPD Pro is Certified by NSF to NSF/ANSI Standard 50 for Free Chlorine and pH.

"DPD Pro minimizes the number of steps required for testing and eliminates the need for counting drops and diluting high range samples. It makes it easier for everyone to get testing right – just dip, read and log results," explains Lara Winter, Product Manager at Hach. "We're always looking for opportunities to simplify testing, and pool operators have expressed a desire for faster and simpler testing using the DPD method."

According to a recent CDC report, pool and hot tub inspection data from 16 reporting jurisdic-

tions across the United States at various aquatic venues indicated that 12.3% of inspections resulted in immediate closure because of the seriousness of identified violations. Violations regarding the following issues are frequently identified: Free Chlorine level (11.9% of inspections), proper pH level (14.9%), other water chemistry (12.5%). Currently, only 68% of U.S. local public health agencies regulate, inspect, or license public aquatic facilities, and not all facilities require a certified operator on staff.

DPD Pro's simplicity reduces the chance for errors due to improper technique, while providing reliable results using the DPD method. DPD Pro features two bottles of multi-way test strips and a durable color chart conveniently packaged in a sturdy test kit. Test strip refills are also available.

The new free DPD Pro smartphone app offers a convenient method of logging and tracking test results. Test results can be exported for advanced analysis and graphing test results over time, making it easier to identify





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'CDC Immediate Closures and Violations Identified During Routine Inspections of Public Aquatic Facilities — Network for Aquatic Facility Inspection Surveillance, Five States, 2013. MMWR Morbidity and Mortality Weekly, Volume 65, Number 5, May 20, 2016.

California Capitol Report

Continued from page 1

and friendly but also well prepared and organized as he fought to represent his clients. He was a model to many in our business and will be sorely missed."

Mike Geremia, Past President of CPSA, added, "Don did things the right way every time so he never had to look over his shoulder but he was also a good man, caring and understanding. We are all going to miss him personally and I know that our industry is where we are today because of him."

The CPSA would like to extend its condolences and well wishes to his wife, Peggy, and the family and friends of Don Burns. The industry owes more than can be stated to him, and it is hoped that others can take inspiration from his hard work and integrity.

IPSSA is on Facebook!

Visit our page at www.facebook.com/ipssa, where you'll see photo albums

from recent industry events.



Hey Ray!

Answers to recent questions asked to IPSSA's insurance broker

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

This month's question is from a member in the Conejo chapter.

Question:

I've been servicing a residential pool now for years. The spa main drain cover is missing and the elderly homeowner says that she can't afford to have me replace it. She says no one ever uses the

spa anyway. I'm concerned and would like your advice.

Answer:

I realize that most pools have at least a few issues. Some issues, however, are so dangerous that you must consider dropping the account unless the problem is fixed. I put three types of hazards into this category – hazards that are likely to cause injury, death or significant property damage. These would include electrical issues as with a faulty pool light, pool heaters that have improper venting and missing

main drain covers.

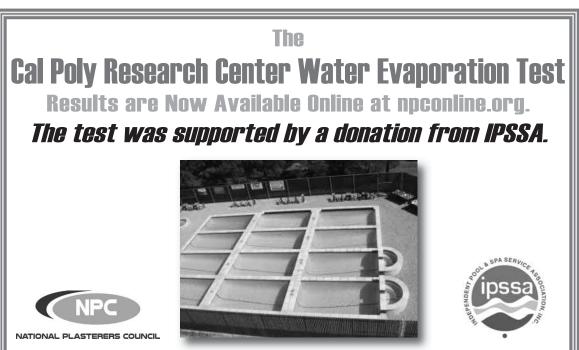
You should explain to your customer the serious entrapment risk associated with a missing spa main drain cover and how she could be legally responsible even for an injury to a trespasser using the spa without her permission. You have two choices if she refuses to authorize a repair: provide your service as a gift or drop the account. If you choose the latter make sure to explain in writing the reason for your decision. Send the letter certified and keep a copy.

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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An overview of vinyl liner stains and solutions

By Terry Arko

Terry Arko has more than 30 years of experience in the swimming pool and spa industry, working in service, repair, retail sales, chemical manufacturing, customer service, sales and product development. A certified pool operator (CPO) and CPO Instructor through the National Swimming Pool Foundation (NSPF), he is currently a Water Specialist for NC

Brands and can be reached at terry@ncbrands.com.

Vinyl liner pools continue to be one of the preferred pool construction methods for many reasons, including ease of maintenance. For example, it's much harder to get algae to grow on vinyl, than on plaster. However, even the highest quality vinyl pool liner is subject to staining and discoloration. Improper water balance, water treatments and specific types of debris can cause persistent maintenance nightmares, most notably staining on vinyl surfaces. Here is a brief overview of typical staining causes to help pool professionals deal with these persistent vinyl liner maintenance challenges.

Black Staining

What's going on when black stains appear on a vinyl liner, is it algae or something else?

The answer is it could be either stains from metals or algae. There are some simple ways to tell the difference.

Black Staining from Metals: Copper, Iron and Manganese can precipitate out of solution resulting in stains on the pool liner. These stains are generally black, brown or gray in color. The metals may be introduced into the pool

via the fill water or from improper pH causing corrosion of pipes or heaters. The presence of metal staining can be confirmed by treating a small portion of the stained area with a vitamin C tablet. If the stain is lifted by this treatment, the staining is a result of metal. The remainder of the stains can be treated in a similar manner using a citric acid stain lifter. If not, the stain is likely due to an organic source such as black algae. Once the metal stains are lifted a metal sequestering product should be used to prevent further staining.

Black Staining from Algae: Black algae appear as a series of small black spots on the pool liner. They are very tenacious organisms with a chlorine resistant coating that require a number of steps to remove. In vinyl liner pools the black algae will usually appear at the seams, near the steps on the ladder railings or around light rings. Black Algae typically doesn't grow on the smoother vinyl walls or floor. Black algae must first be brushed with a nylon brush. Reduce the pH to minimum 7.2 to increase the effectiveness of the chlorine. Then, super-chlorinate the pool (normally to 10 ppm free available chlorine) and add a dose of a quaternary (quat) type algaecide. Be sure to bring pH back to more neutral 7.4 range to prevent liner wrinkling.

Mold on vinyl pool liners

What if stains are still present after treating for metals and black algae?

Another type of grey/black colored stain can occur as a result of microorganism growth on the back-side of the liner. These microorganisms can produce dyes that are soluble in the plasticizers used to make the vinyl liner pliable. The microbial dye wicks through the liner creating an unsightly, irregular shaped blotch. The stains can be diminished on the pool side through super chlorination, for a period of time, but will re-appear since the stain originates from the back side of the liner. A polyethylene barrier between the walls and Floor of the pool, and the vinyl liner, provides a barrier to staining from these types of organisms.

Pink Stains

There is a pink growth in places throughout the pool. What is that?

Pink blotches, can appear on liners of all colors, including white, mainly caused by an indelible pink dye excreted from bacterial micro-organisms. The dye is highly soluble in the plasticizers used of pool liners, so it can easily migrate through the entire thickness of the liner.

The dye on the surface can be bleached by chlorine; however, more can migrate back to the surface. If the liner is replaced, all contaminated materials must be removed and the entire pool shell (Floor and walls) must be disinfected with a liquid chlorine spray or other suitable disinfectant. A barrier layer; either a plastic sheet, or a coating of some kind should be applied directly to the pool shell.

Pool Tar

The vinyl surface seems to change and feel sticky. What's going on?

Continued on page 19

Pentair offers incentive program for IPSSA

Steve Zorn is California regional sales manager for Pentair.

All of us at Pentair Aquatic Systems appreciate the support of the IPSSA membership.We are pleased to offer IPSSA a rebate incentive based on the individual product purchases of each member.

Pentair will reimburse IPSSA one dollar (\$1.00) for each whole good that a member purchases throughout the year. The listing of qualifying whole

goods are the same that are listed in Pentair's PIP program, but basically pumps, filters, heaters, heat pumps, cleaners, automation systems, Intelli-Chlor and colored lights.

In order for IPSSA to receive payment each member must register individually on the Pentair- IPSSA Incentive Program Registration Form (available on the members-only page of www.ipssa. com). This will allow Pentair to monitor and collect electronically from participating distributors

purchase details, or direct from the member purchases for the rebate accumulation.

If a member does not register, their purchases will not qualify and cannot

The Pentair Incentive Program dates reflect purchases made from October 1 thru September 30, 2017

This program does not affect any member purchases that may also currently be individually enrolled in our PIP program.

If dealers have any questions regarding the program, please have them dial 800-693-0171 and speak with their Program Coordinator.

Dick Nichols, IPSSA's past Region 10 director, commented, "This partnership is a perfect match between the largest swimming pool service organization and the largest manufacturer of pool products. The funds generated will be used for IPSSA's continuing education and research programs.

2017 IPSSA National **Rebate Program**



Please complete the information below to enroll in the IPSSA National Rebate. Missing information will delay enrollment and/or payment. Member Information: Member Company Name: Owners: Other Contacts & Titles: Email: Website: Business Phone Number(s): Cell Phone (name of contact): Fax Number: Residential Mailing Address: ☐Yes **Shipping Address: IPSSA Chapter Name** City, State **Chapter President** Type of Pools: Brand: ☐ Inground ☐ Aboveground ☐ Pentair Pool Products ☐ Sta-rite Type of Business: ☐ Refinisher □ Other Builder Retailer ☐ Service **Pool Materials Used:** What type of materials do you use?

Commercial
Gunite
Fiberglass
Vinyl Liner

I purchase from the following	Rebate Rules
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The IPSSA Scholarship Fund

Advancing professional training and education in the swimming pool and spa industry

The Independent Pool and Spa Service Association (IPSSA), established in 1988, was formed to promote educational opportunities and provide business resources to its membership. Scholarships through the IPSSA fund are available to all self-employed swimming pool/spa service technicians and their immediate family members in Arizona, California, Florida, Georgia, Nevada and Texas.

Scholarships will be available in all swimming pool/spa service related areas, including business-related courses at local community colleges. Scholarships are not available for pool building education. Applications are accepted throughout the year. The Scholarship Committee meets once each year in January. Applications must be received in the IPSSA executive office by December 1st to be considered for a scholarship at that time.

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Preventing pee in the pool

Improving the water we enjoy & the air we breathe

The National Swimming Pool Foundation® (NSPF®), has recommendations to improve water and air quality by reducing urine in pools. A few small changes by coaches, parents, and facility managers can prevent pee in the pool. After all, the swimmers, parents, and coaches have the most to gain since they are the ones who are exposed to the water and breathing

Just because one report suggests we should fear urine in the pool, people of all ages should continue to enjoy the wonder of water. Immersion and water activity can reduce lower-back pain, blood pressure, and arthritis symptoms, and improve mental and physical health. Recent science has shown that even the sight of water can improve one's mood.

First, everyone from swim coaches to parents should encourage showers and bathroom breaks before entering the water. It is important to recognize that being submerged in water stimulates the body to create more urine. There are other simple solutions that coaches, parents, and facility managers can incorporate that reduce pee in the pool.

Swim Coaches should require a bathroom break 30-60 minutes into the practice. For example, it takes about 40 minutes in the water for a person to feel the need to urinate. A short break that bor-



ders this time frame will reduce peeing in the pool.

Parents who frequent water parks, public pools, or backyard pools should schedule an "out of pool" time for a snack, sunscreen, and a bathroom break every 30-60 minutes.

Facility Managers should consider two ways to prevent pee in the pool. First, schedule short breaks to encourage people to exit the water. For example, a 10minute "adult only" swim time or an out-of-pool activity every hour encourages people to exit the pool and use the bathroom. Second, post signage that suggests using the bathroom and showering before getting into the pool.

Air quality can also be improved upon for indoor facilities when we keep urine out of the water. What's more, everyone from children to masters can gain the benefits of one of the most fun and healthy activities. When coaches, parents, and facility managers make small changes, the water we enjoy and air we breathe is healthier, safer, and better.

IPSSA Board of Regional **Pirectors** Meeting May 20, 2017 Houston Airport Marriott Houston, TX info@ipssa.com

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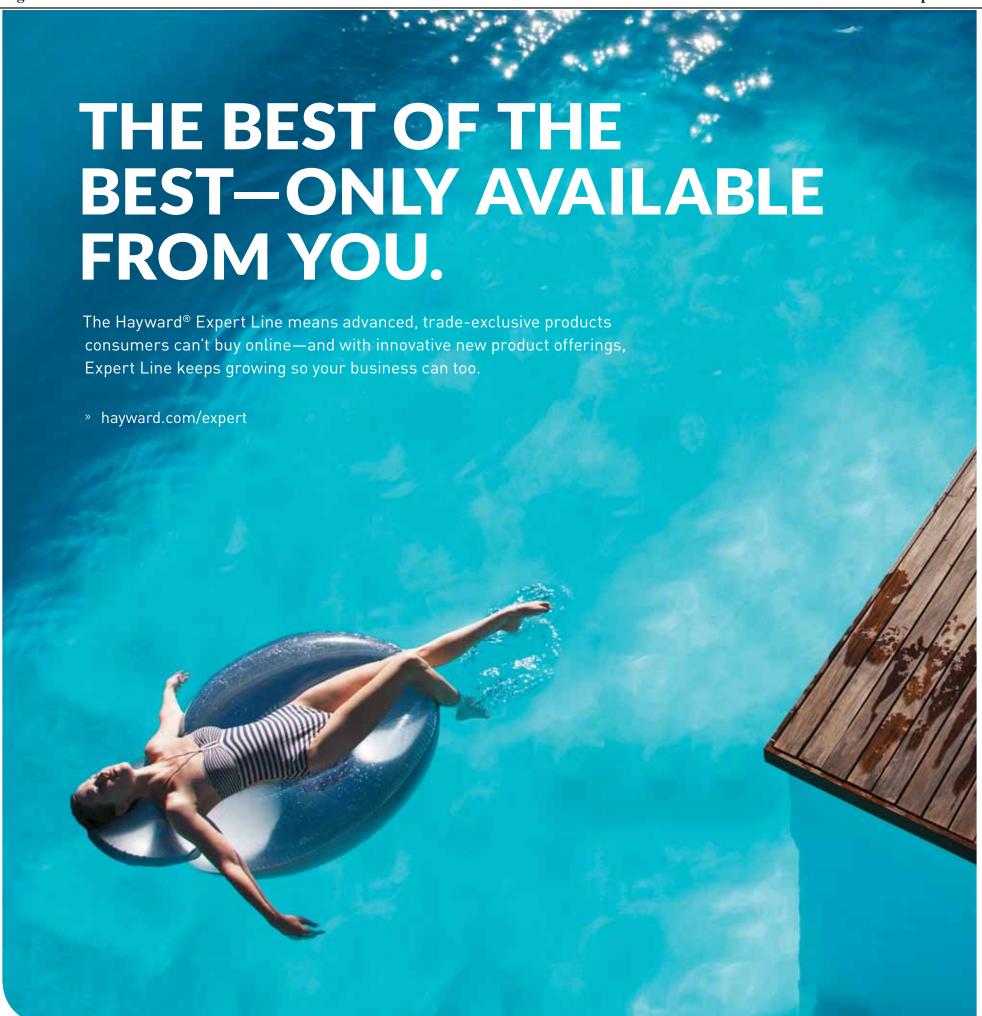
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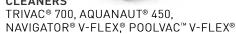


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The Purple Haze





By Chris Marcano

Chris Marcano is with Natural Chemistry/ NC Brands.

Now that the very long winter is finally ending, pool owners are looking forward to pulling off their covers.

One of the strangest experiences a pool owner can have is to discover upon opening that the pool has a purple crystal-like stain on its surface. Service professionals have known about this phenomenon for years, and commonly refer to it as the Purple Haze.

The Purple Haze is not, contrary to popular belief, an organic bacteria or an algae issue.The problem is actually the result of improperly balanced water chemistry combined with a mineral issue. The purple staining is caused when the pool water has

Continued on page 19

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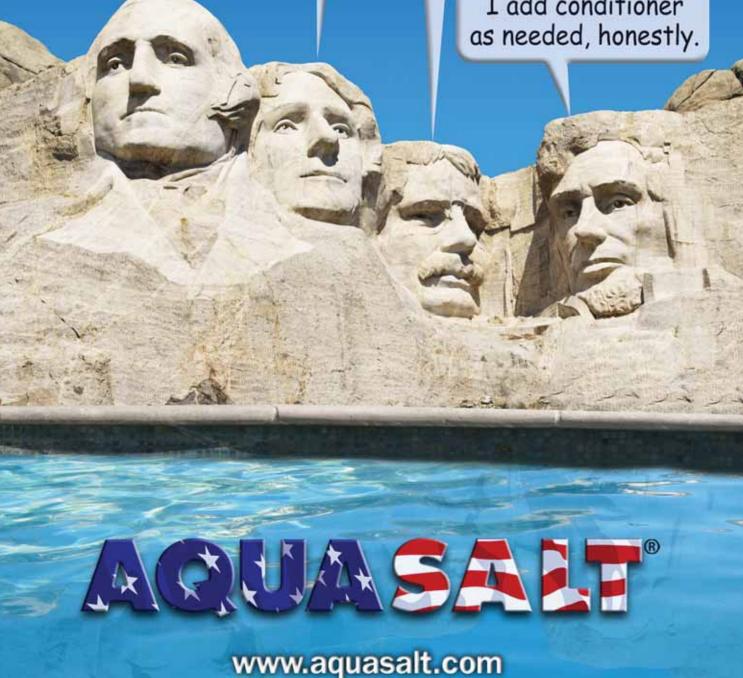
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Pool Safely's Top 10 Tips to stay safer around the pool or spa

- 1. Learn how to swim and teach self-latching gates; ask your neighyour child how to swim.
- 2. Install a four-foot or taller fence around the entire perimeter of the pool and use self-closing and

bors to do the same at their pools.

3. Never leave a child unattended in or near a pool or spa and always watch your children closely

around all bodies of water.

- 4. Designate a Water Watcher to supervise children in the pool or spa. This person should not be reading, texting, using a smart phone or be otherwise distracted. Adults can take turns being a Water
- 5. If a child is missing, look for him or her in the pool or spa first.
- 6. Keep children away from pool drains, pipes and other openings to avoid entrapments.
- 7. Ensure any public pool and spa you use has drain covers that comply with federal safety require-

ments, and, if you do not know, ask the pool manager if the facility complies with the "VGB Act."

- 8. Learn how to perform CPR on children and adults, and update those skills regularly.
- 9. Install and use a lockable safety cover on your spa.
- 10. Have lifesaving equipment such as a life ring, float or fiberglass reaching pole available and accessible.

Pool Safely, a national public education campaign supporting the requirements of Section 1407 of the Virginia Graeme Baker Pool



and Spa Safety Act, works with partners around the country to reduce fatal child drownings, nonfatal drownings and entrapment incidents in swimming pools and spas. Parents, caregivers and the media are encouraged to visit: PoolSafely.gov or @PoolSafely on Twitter for vital safety information regarding the prevention of child drownings in and around pools and spas.







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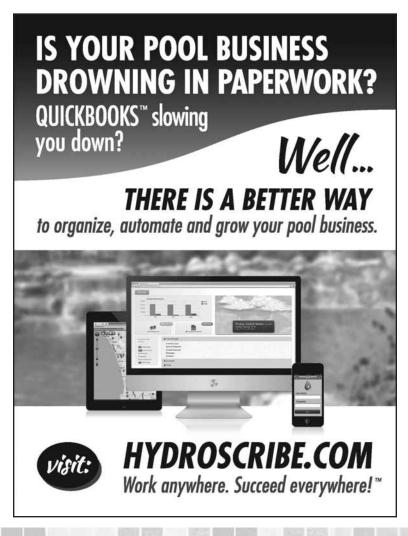
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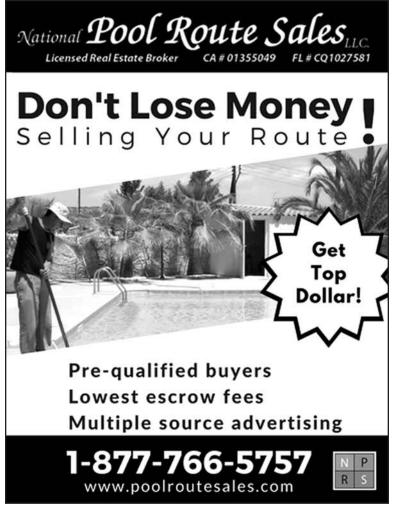
- Comprehensive handbook that is updated regularly
- · All courses are taught by NSPF® certified instructors
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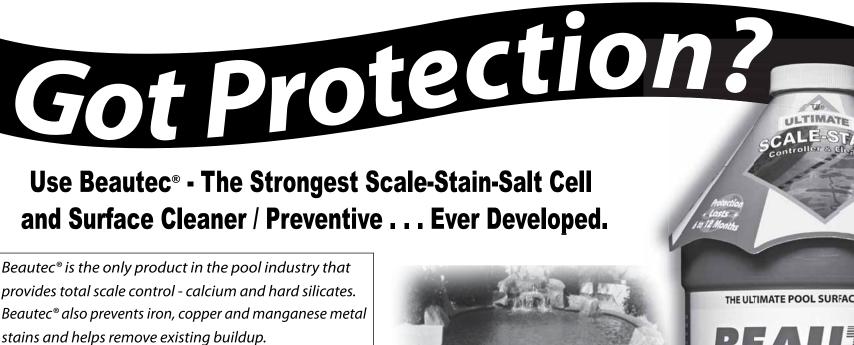


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Vinyl liner stains and solutions

Continued from page 8

Sticky substances, referred to as 'pool tar' can coat parts of vinyl pool liners. This is caused by an interaction of quaternary ammonium compounds (quats) used in some algaecides. Also, decaying organic material such as leaves, grass and insects. Always dilute algaecides before using and wait 24 hours before shocking.

Chemical Staining

What other chemicals can cause problems in a vinyl liner pool?

Any chemical can damage a pool liner if it is not allowed to circulate sufficiently. Chlorine, can settle in the deep end of the pool and bleach the liner if the pool does not have proper circulation.

Vinyl liner colors such as white, turquoise, light blue, grey are less likely to show the effects of bleaching from chlorine whereas medium or darker blue pattern designs show the effects of bleaching immediately. Pool liners exposed to high concentrations of trichloroisocyanurate stabilized chlorine can easily cause bleaching in a period as short as 6 to 24 hours. The best rule of thumb here is to always dilute any chemical in a bucket of water and add in the deep end of the pool in front of the return line for best dispersion.

Organic debris left on vinyl surfaces can also cause staining and bleaching. This happens after the pool is closed when debris accumulates over several months. When the pool is opened, debris should not be allowed to stay on surfaces for long, especially in the corners. Citric acid stain lifters can be effective at removing organic stains from vinyl liners.

Wrinkling and Stretching

What is going on when the liners seems to stretch or wrinkle?

Wrinkles in properly-sized vinyl pool liners develop as the liner absorbs water. Excessive water absorption is a result of high levels of chlorine or bromine. If sanitizer levels are allowed to remain five times higher than normal excessive water can be absorbed. Proper water chemistry is essential to maintain liner integrity. Wrinkling is caused by changes in the liner stability due to an acidic environment. Large, single doses of hydrochloric (muriatic) acid can damage vinyl liners.

To avoid stretching and wrinkling, chlorine levels should not remain higher than 3 ppm for an extended period. Bromine levels should not exceed 4 ppm. Peak chlorine levels of 5 ppm -10 ppm from super-chlorination should return to 2-3 ppm by natural dissipation.

The pH of pool water must be maintained at the highest practicable level. A range of 7.4-7.8 is

Education Quiz

Try the Education Quiz on page 2

and **challenge** your **knowledge!** desirable. Acidic levels (below 7.0) must be avoided. To minimize pH fluctuation, total alkalinity should be controlled at 100-150

What can be done when the pool is closed to prevent liner staining?

Cover vinyl liner pools when closed for the season: The most important thing during the off sea-

Continued on page 22

The purple haze

Continued from page 15

formed something called copper cvanurate.

Copper cyanurate occurs when excessive levels of cyanuric acid combine with non-chelated copper that is present in the water. This problem is most common in pools that have cyanuric acid levels measuring above 100ppm.

This previously rare phenomenon seems to be on the increase these days. The use of cheaper,

lower quality copper algaecides at pool closing (which are typically sold at mass merchants) appears to be a major reason for the spike.

Ironically, colder water like we have in the spring aids the reaction between the copper and cyanuric acid to form these purple crystals. Copper cyanurate is not easily scraped, scrubbed or removed.

Dealing with a purple pool

If you do have to deal with a purple pool, there are steps to cor-

rect the problem. The first step is to lower the cyanuric acid level of the pool water to around 30ppm by performing a partial drain and refill. It is extremely important to follow the advice from a trusted pool professional for this step. When you lower the CYA levels by partially draining and refilling, you also happen to be reducing the copper levels in the water as long as your source water does not

Continued on page 20



The purple haze

Continued from page 19

contain copper. This is a good time to add a non-phosphate metal control product to deal with the copper that still remains. Once the CYA levels are in line, adjustments need to be made to the pool water's pH and total alkalinity.

It is possible, through normal stain removal procedures, to eventually remove the stains, but typically it requires three times the normal amount of traditional stain removal chemicals and a lot of time

The 3Ps—Prevent Purple Pool
Prevention is truly the pre-

ferred method for dealing with the Purple Haze. Keeping the cyanuric acid levels below 100ppm (and ideally in the recommended 30-50ppm range) is the first step of prevention you should consider.

You should also consider reducing the amount of stabilized chlorine that you use during the pool season if you tend to see your cyanuric acid levels end up on the higher side. The best way to do

this is by using alternative shocking products that will not increase your stabilizer level such as calcium hypochlorite or liquid chlorine.

Avoiding the use of inexpensive copper algaecides at closing is also a must. Copper algaecide is a fantastic off-season algae prevention product when it is properly formulated. If you are encountering this problem because your

customer used a lesser grade copper algaecide, remind that customer that pool professionals stock versions of copper algaecides that are designed to provide protection against unintended staining like copper cyanurate. It's important to remind your customers that some mass merchant copper based algaecides are nothing more than stains waiting to happen.

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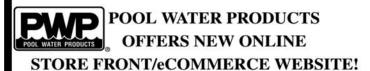
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insects. There are closing kits for vinyl pools which include chlorine shock, algaecide and a metal sequestering

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inants along with bringing the sanitizer level back. Proper closing and start-up techniques can ensure a clean and

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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

EL DORADO

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@propoolm.com

SANTA CLARITA VALLEY

First Thurs., 7:00 p.m. Vincenzo's Pizza, 24504 ½ 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

aaapoolspa@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 (562) 947-5998 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 PÓINT

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@vmail.com

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

thonrath@hotmail.com ORANGE COUNTY #9

Second Wed., 7 p.m., Dad Miller Golf Course North Gilbert Street, Anaheim Pres. Rob Tobias (714) 812-7993 ORANGE COUNTY POOL PROFESSIONALS

Last Mon., 6:00 p.m., Claim Jumper Banquet Room, 18050 Brookhurst St., Fountain Valley CA 92708 Pres. Jim Romanowski (714) 404-2550

poolperfection1@aol.com SADDLEBACK VALLEY

Last Tues., 6 p.m., Lone Star Steakhouse, 24231 Avenida de la Carlotta, Laguna Hills Pres. Scott Kather (714) 742-9597 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, 10865 Kalama River, Fountain Valley 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

bettencourtpool@msn.com MENIFEE VALLEY

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

ONTARIO/ RANCHO CUCAMONGA

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

PALM DESERT

Third Thurs., 6 p.m./7 p.m., please check with pres. Sloan's, 81539 US Hwy 111, Indio CA Pres. Matt Kauber (760) 702-0160

salernopools@yahoo.com
PALM SPRINGS

First Wed., 5:00 p.m. Superior, 5700 Indian Springs Rd, Palm Springs

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 29375 Rancho California Rd., Temecula 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 Ranchero 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 DÎEGO

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

Third Tues., 6 p.m., Superior Pool Products, 1973 Friendship Dr., El Cajon Pres. Berny Sweeny (619) 244-0496

bernypoker@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

EAST VALLEY

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 No. 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 goosse-man@cox.net NORTHWEST LAS VEGAS

First Thursday, 7:00 pm Joey's Bar & Grill, 7081 W. Craig Road, Las Vegas Pres. Robert Fazio, (702) 591-1624 SCOTTSDALE

Third Mon., 6:00 p.m., NPS Pool and Spa Supply, 4718 E. Thunderbird Rd, 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 1100 N. Eliseo Felix Way, Avondale 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 Clayson (210) 240-3121 E-mail: becky.clayson@yahoo.com

AUSTIN; First Tues., 6 p.m., Cherry Creek Catfish Co. 5712 Manchaca Rd, Austin Pres. Keith Timm (512) 636-3750 keith@acuaticoinc.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 Burrington (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: First Mon., 7 p.m.
Texas Land & Cattle, 12313 Katy Fwy, Houston
Pres. Bill Williams (480) 219-6275 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. Andy Vaccarella (650) 924-0348 aandhpoolservice@yahoo.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 poollady2001@gmail.com

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

SARASOTA: First Tues., 6:30 pm Gecko's Grill & Pub, 351 N Cattlemen 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

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

Pres. Allen Schroeder (772) 215-1884

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

TARRANT COUNTY First Tues. 7 p.m., El Chico's Café

7621 Baker Blvd., Richland Hills Pres. Will Ainsworth (817) 987-8580 WAXAHACHIE: Second Wed., 7 a.m., Denny's,

408 Westchase Drive, Grand Prairie Pres. Tom Sheehy (214) 395-0143 / tsheehy@prodigy.net

Associate Members

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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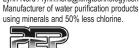
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