



IPSSA - FORT WORTH

Volume 6, No. 8, August 2005

Newsletter

A SPA IS NOT A SMALL POOL

Spas and pools are both filled with water and need to be tested and treated regularly, but that's where the similarities end. Understanding the uniqueness of a spa (some people call it a hot tub)—its higher temperatures, smaller volume, jetted water, and likelihood of high bather load—is important to establish a proper testing and treatment regime.

While pools are generally in the 78° to 84° F range, spas run 96° to 104° F. Hot water, coupled with jet action, encourages the release of organic wastes and bacteria growth. Did you know that the average person sweats about three pints in a one-hour soak? That an adult bather sheds about *1 billion* bacteria when entering a spa? That most people don't shower before entering a spa?

The load of organic wastes creates a high sanitizer demand, the amount of sanitizer needed to react with all contaminants before any disinfecting residual is available. Hot water also speeds up chemical reactions. It's possible for only two people in a 400-gallon spa to deplete a sanitizer level of 2 ppm bromine or 1 ppm free chlorine in just 15 minutes.

In the absence of adequate sanitizer, certain bacteria populations can double every 20 minutes. This can present a serious situation since some bacteria are infection- and disease-causing, even life-threatening. *Legionella pneumophila*, which causes Legionnaires' disease, can be fatal if inhaled with water vapor from a spa. The most common spa-related ailment, dermatitis, is caused by bacteria. Harmful viruses, protozoans, yeasts, and fungi will also flourish in untreated—and inadequately treated—water.

Because of increasing concerns about bather health, the U.S.-based International Aquatic Foundation's present spa-sanitizer recommendations for public facilities are 4–6 ppm bromine and 3–4 ppm chlorine.

Although there is less water in a spa than a pool, that doesn't mean a spa requires less care. Actually, a spa's small volume requires **more exact treatment**, which is why it's referred to as "teaspoon chemistry," and **frequent testing**, especially by commercial operators. And, unlike pool owners, spa owners must **drain and refill** the vessel with fresh water on a regular basis.

Foaming indicates it's time to drain. You should also use the dumping formula to determine the number of days between complete drainage:

$$\text{no. of days} = \frac{1/3 \text{ volume in gallons}}{\text{maximum no. of daily bathers}}$$

OR

$$\text{no. of days} = \frac{\text{volume in liters}}{10 \times \text{max. no. of daily bathers}}$$

Treating a spa as if it were a small pool can lead to severe water quality problems and equipment failure. To protect bathers and minimize the cost of operation, it's essential for owners and operators to understand the unique aspects of spa maintenance.

Charge more for electricity conservation.

This week I had a call from a consumer that was concerned that they were not able to maintain a chlorine reading in their pool. This person worked from the home and every morning had checked the chlorine level with his morning coffee, then he checked the chlorine in the early afternoon. His question to me was, "Is there something wrong or is there a chemical that will help to keep my chlorine up during the day?"

The answer was yes, on both accounts. I knew that he had been using trichlor, so I expected that unless he had drained most of the pool water, by this time in July, I was sure that he would have plenty of CYA- Stabilizer-Cyanuric Acid in his pool. (I'll discuss CYA and other chlorine loads, another time.)

I asked more questions to learn what else he had been doing. I knew that he had an in-line chlorinator- new this season. He explained that he had added a floater and extra tablets to the skimmer.

Now, this was getting interesting. But, how long was he running the pump? Well, about 3 hours....at 2:00 am- in the MORNING!!!! No wonder he wasn't able to hold a chlorine level. He started at 7:00 am with 3 ppm, and by 2:00 pm, he had zero. Surprise!

Somewhere, he had heard that running the pump at that time in the wee hours of the morning, would help to COOL his pool. These 100+ degree days followed by nights in the 70s, I can see the appeal- and the heavy load on the chlorine. Yes, the cooling is probably true, but to maintain an afternoon chlorine reading, he would have to have much more than 3 ppm at 7:00 am. Plus, he probably needs to run the pump for more than 3 hours a day.

I told him, just as I had told my mother a couple of weeks ago, in most cases, it is cheaper to run their pump more to keep the pool looking good. Often people get that high summertime electric bill and think of ways to save money. They think of saving electricity by reducing the time that the pump runs. In my mother's case, I threw about \$5.00+ worth of cal hypo in the pool to kill off the green algae. For \$5.00, she could have run the pump for over 50 hours! Plus, I had to spend time cleaning it up.

My experience is that it is generally a trade off. The less you run the pump, the more chemicals that you use. Electricity is cheap. In my mother's case, she has a 1 hp uprated pump on a 12,000 gallon pool. It costs less than \$0.08/ hour to run the pump, if electricity is \$0.10/kilowatt hour.

I just made things a bit too simple. I also like to save money. I also believe in conservation-saving electricity. So, we must find that compromise. From my commercial pool background, in some ways, I prefer to run the pool 24 hrs. a day. But that is not realistic, either, for the average residential pool. I think that most people find that running the pump 8-12 hours per day is best for the middle of the season- and there will be some pools that will be an exception-needing more or less.

Especially for capacitor start, energy efficient motors, running the pump for a few hours, a couple of times a day is probably better than the same amount of total time in one chunk-if that is an option. You will have better distribution of the chemicals, and fewer areas likely to grow algae.

So, for the pool owner that insists on running the pool pump fewer hours, you should probably insist on a higher monthly rate, since you will probably spend more on that pool in time, energy and chemicals.



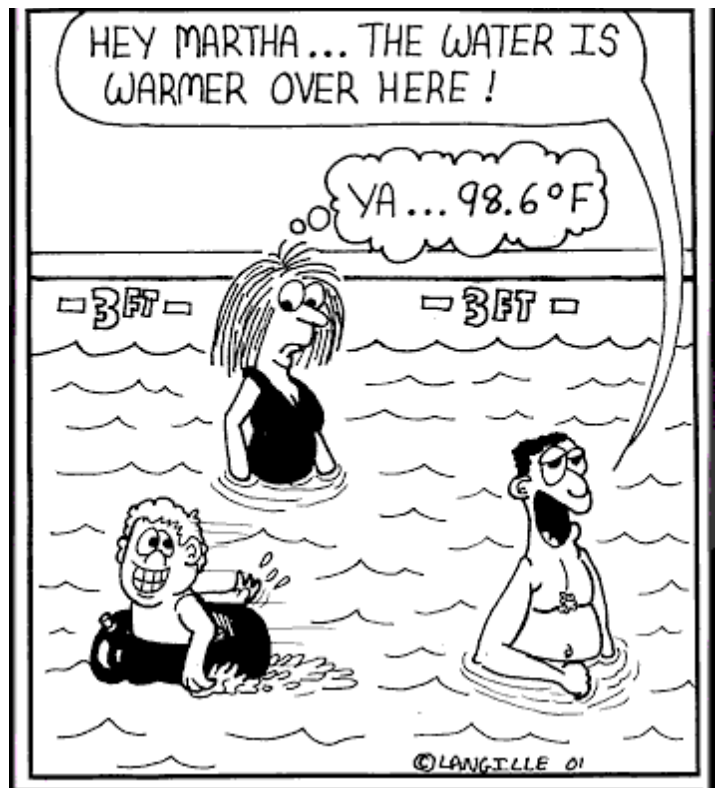
Kevin Tucker

Congratulations

Chris Miles on your re-election as Region 9 President

SIGNS YOUR SWIMMING POOL NEEDS CLEANING

- That green tarp covering your pool? You DON'T have a tarp on your pool.
- Neighborhood kids ask if they can jump on your trampoline.
- That guy from Sunset Boulevard is REALLY beginning to smell gamey.
- pH is so high, in vitro fertilization is possible.
- Kids still pee in your pool, but they refuse to get in it first.
- Skipping rocks across it causes sparks.
- New algae species attract a Discovery Channel film crew to your backyard.
- Jello-like water slowing the pace of water polo games to unacceptable levels.
- Luke Skywalker and Yoda appear in search of the sunken X-Wing.
- The Grim Reaper shows up in his Speedo.
- "DREDGE ME" spelled out in algae on the bottom.
- You can walk on the water, even though you're only the son of Gus.
- Dr. Kervorkian seen filling IV bottles at pool side.
- Your recently installed pool filter resembles the Marlboro Man's chest x-ray.
- You haven't seen that much scum since Mickey Rourke's last movie.
- The amount of body hair found in the drain gives even Robin Williams a run for his money.



WEBTALK

We continue to see more and more activity on our
www.ipssafortworth.com website

and I'm doing my best to add and adjust information as quickly as I get
it.

We have had over 2800 hits on the website for this year.

Let me know if you are getting any positive results (New Customers)
from our website.

Contact me at: ipahl@sbcglobal.net

Thanks, Ingrid

A couple of members approached me at the last meeting for IPSSA logo's, which

I e-mailed, and also put online. Since we do not have a secure login for members only I was ask to take the
logos off the website. So please let me know if you need any forms or logo's. I'll try my best to get them to you.

If you need any help developing a website let me know.

Members we still need business cards for the website –

APC

Aquamaid

Clear Connection Pool Service

DFW Pool Service

G & D Pool & Spa Inc.

Kelley's Complete Pool Care

Ken's Hamilton's Pool Repair

Please review the website and let me know if you have any additional information or changes to be made.



July Meeting Attendance

These are the companies that were not present at the July
member meeting:

Alpha Pool Service

Clear Connection Pool Service

Paradise Pool Care

Shymring Pools

Swimmers Choice

If I've made any mistakes please let me know call Splash at 817-595-1167

The summertime meetings are always the hardest to attend. With the heat this summer, we are all plenty busy
– as it should be.

Please remember that if your bring a guest to the meeting that you will need to pay for your guests dinner. This
does not include the meeting this month at Murry's house. Bring your spouses, kids and employees.

See you at the next meeting.

SPLASH



August Meeting @ Murray's

Our August member meeting will be held at Murray Allen's house, Tuesday, August 16th. The address is 7548 Orange Valley Dr. in N. Richland Hills. If you need a map got to our website <http://www.ipssafortworth.com> then click on top button "Calendar".

The Allen's have graciously hosted a summer meeting at their house for the last several years. They have a great backyard and pool, there is plenty of grilled and chilled food and beverages (both soft and adult) and it is one of the best times to get to know each other and our sponsors and manufacturers reps. Please come if you have never attended one of these events. It's pretty informal. Please bring the family. It starts at 7:00 pm and don't be surprised if you have to park a distance away – please observe parking rules so we don't upset the neighbors.

See you there

Pool Quiz

- 1.) Ionizers only deal with:
 - A. pH & total alkalinity
 - B. hardness & total dissolved solids
 - C. algae & bacteria
 - D. none of the above
- 2.) The killing form of chlorine is called:
 - A. hypochlorous acid
 - B. hypobromous acid
 - C. muriatic acid
 - D. cyanuric acid
- 3.) The pH of the water determines how much hypobromous acid and hypobromite ions are produced:
 - A. true
 - B. false
- 4.) According to the book, what is the key to water balance?
 - A. pH
 - B. total alkalinity
 - C. proper sanitizer levels
 - D. filtration

Officers Meetings

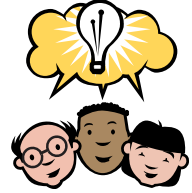
Monday, Sept. 5th - 7:00 pm:

Chili's Restaurant, 8000 Bedford-Eules Road

Eules, TX 76180 - 817-577-1245

"Wanted"

As IPSSA aspires to become more of an authority in the education and certification of its members. ("IPSSA members are a cut above the average independent pool and spa guys"). We will need to develop our own training manuals and technical levels. For these goals to be reached will require contributions from each and every member.



Ever go through a training class and wonder... why certain aspects of our business are not covered while unimportant or irrelevant things are included?

Ever take a test at these training classes and answer correctly (according to them) a question that you know from experience is just not quite right?

Ever wish that you could just include one specific question on a test or one specific subject in a class to learn more?

Well your opportunity may be coming!

Contact Jason Bonser for further information!!

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Manufacturing training classes are coming up - you don't want to miss them.

Jandy has announced a total of 5 different classes in the DFW area for 2005 (December) and 2006 (February).

Just about every manufacturer will be sponsoring some type of training school this winter and spring. We should all attend as many as possible. There is a lot of effort and expense involved in doing these shows, far beyond what we pay to attend them. It's a good way to get specific questions answered and develop a rapport with the "Reps" that we all need from time to time to bail us out of problems.

We will do our best to keep an ongoing list of these classes in the newsletter.

If you know of any we have missed that need to be added let Ingrid know at 817-595-1167

January 27th and 28th 2006

Location – “new this year”

The Plano Centre

2000 East Spring Creek Pkwy.

Plano, Texas 75054

Website www.texaspoolandspashow.com

For more information contact

Tim Long – Show Director – 972-978-9322

Brett Moore, Assistant Show Director, Sponsor Coordinator 972-880-2481



You Can Advertise in the Fort Worth IPSSA Newsletter

Business Card \$ 200 per year

Half-Page \$ 400 per year

Full Page Ad \$ 600 per year

For more information, contact Jason Bonser at 817-605-0194 or aquatown@charter.net

An advertisement for Hayward Phantom and Viper pool cleaners. The ad features a large "\$80.00" in a bold, black font with a dollar sign and a cent sign. Above the "80.00" is the word "HAYWARD" in a bold, black font. Below the "80.00" is the text "Texas Service Trade Mail in Rebate". To the right of the text are two Hayward pool cleaners: a Phantom and a Viper. The Phantom is a white, rectangular unit with a black top and a large, clear, curved cover. The Viper is a white, rectangular unit with a black top and a large, clear, curved cover. The background is dark with a white diagonal line. At the bottom left, there is a form with fields for Company Name, Contact, Address, City, State, Zip, and E-mail address. At the bottom right, there is a small disclaimer: "Offer only valid for Trade/Service Trade participants and only in the state of Texas. Program ends 1/31/2006. Expires Dec. 31, 2007."

July Supporters

We have such great sponsors it's always appreciated that they make the time to come to our meetings and contribute so much to IPSSA.

Trent Gardner our Sta-Rite rep and Heidi Amos our Pentair rep delivered good information on their products and gave away some hats, valves, catalogs and T-shirts.

Kenny Wainwright manager of SCP Arlington (Grand Prairie) donated a Polaris 280 for us to auction off. Steve Gossett (SCP – Ft. Worth) brought it to the meeting. Pentair and Sta-Rite also generously donated cleaners. Our resident silver toughed auctioneer, Greg Clark, made short work of these 3 units and generated a nice chunk of change for our chapter.

Char Thompson passed out a couple of checks to our members for their referrals to American Leak Detectors. Sign up with her (817-795-5325) if you haven't already, to participate.



HAYWARD Pool Products
One source. Every pool.

\$80.00
Texas Service Trade Mail in Rebate

Instructions for redemption:

- Coupon must be submitted to **Hayward Pool Products, Inc. within 60 days of receipt**
- This promotion cannot be combined with any other promotion
- Coupon must be returned with copy of distributor's invoices - please circle purchase on receipt

Mail to:
Hayward Pool Products
Phantom/Viper \$80 Mail-in
Texas ServiceTrade Promotion
PO Box 727
Long Valley, NJ 07853

Offer only valid to trade participants residing in the state of Texas.
Program starts Jan. 1, 2005 Expires Dec. 31, 2005

Two Hayward pool vacuums are shown. On the left is the 'Phantom' model, and on the right is the 'Viper' model. Both are white with black accents and are shown from a three-quarter front view. Above each vacuum is a speech bubble containing the product name and 'High Performance Cleaner'.

Official Mail-In Rebate Form: Your request for rebate must be made on this form. This offer is available to Service Trade customers only, no dealers, builders, or distributors. Theft, diversion, reproduction, sale or purchase of this form is prohibited. This offer is good only in the state of Texas, USA. Void where issued, restricted, or prohibited. Offerer not responsible for mail which is late, lost or not sent to the address on the front of this form. Please allow 6 to 8 weeks for processing. This offer is valid only on purchases made between January 1, 2005 and December 31, 2005. **Envelope must be posted marked no later than January 15, 2006.** This offer cannot be combined with any other Hayward offers. This coupon is not redeemable at your distributor. For status of rebate or any question you may have, please call 908-850-1848 or visit us at www.haywardinc.com.

©2005 Hayward

Aim for success, not perfection. Never give up your right to be wrong, because then you will lose the ability to learn new things and move forward with your life.

let me know when there is an event coming up that should be brought to everyone's attention!

Contact me to keep the calendar updated -

Please check our on-line calendar for other upcoming events!

IPSSA Fort Worth
P.O. Box 820852
N. Richland Hills, TX 76180



August Calendar

August 16th Member Meeting at Murray's
Murray Allen
7548 Orange Valley
North Richland Hills, TX
817-281-2062

September 5th Officers Meeting

Chapter Supporters for August Meeting

For information regarding this newsletter please contact
Ingrid Slagle
Phone: 817-595-1167
E-mail: ladyweaver@ladywebweaver.com

Officers

817-605-0194 Jason Bonser - President
817-337-8585 Dave Boyd - Vice President
817-595-1167 Gordon F. Slagle - Secretary
817-247-5247 Paul Garcia - Treasurer
817-459-0808 Christopher Miles - Texas Region 9 Director
www.ipssafortworth.com

Quiz Results

- 1.) C - algae & bacteria
- 2.) A - hypochlorous acid
- 3.) A - true
- 4.) B - total alkalinity

