



## Moment of Clarity

Every customer expects his or her pool to look clean and clear. It is a reasonable expectation. And every service professional works tirelessly to achieve it.

Water clarity is important for several reasons. The first one is somewhat obvious: the appearance of the water.

Unightly, cloudy or discolored water is undesirable for swimming.

The next reason and one of the most important is the hygiene of the water, and here we are talking about disease prevention. Cloudy water can harbor bacteria and viruses, which can cause illnesses such as ear aches, pinkeye and also bring flu-type symptoms. A cloudy pool most likely indicates that sanitizer levels are not where they should be, and that could allow bacteria such as e.coli and giardia to exist. Unchecked chlorine resistant germs such as cryptosporidium also may be present. When water is cloudy, the risk of an illness outbreak is much more likely.

The final reason water clarity in pools is important is safety. Most health departments state that cloudy pools can cause accidents when people entering the water cannot see the swimmers already present. Plus, there is an increased drowning risk when swimmers who may be in trouble under the water aren't visible.

Clear standards.

It is important to understand exactly what "clear" water is. There are standards for water clarity in public pools, which are based on drinking water standards by the NSF. The NSF standard is 0.5 NTU. At times of peak bather loads, turbidity may increase to 1.0 NTU within six hours following peak use. In addition, state health departments require that the main drain be clearly visible from the pool check at all times.

Water clarification is accomplished by the removal of suspended particulate matter from pool water. This includes things such as:

- Silt
- Organic matter
- Algae
- Suntan oils, lotions, etc.
- Bacteria and protozoa
- Minerals and metals

One of the best ways to cope with these invaders is to use clarifiers,

## Help One Of Our Own

Colin McCowan is 19 months old and is, his dad says, a really happy and energetic little guy even though he is learning to walk a little late. Late because of the time it took to recover from major heart surgery last October. Now Colin is in line for a liver transplant. At least he's 1<sup>st</sup> in line because of his age. Colin was born with a syndrome that makes him appear to doctors as if he were a very premature birth even though he wasn't. There are 5 major problems that can be associated with his syndrome, and the heart and liver are his two. He does have a good chance of survival and a pretty normal life says his dad, Derek McCowan. The family is just waiting for the phone call for the transplant that can be any day, any minute.

Derek and his wife Rachelle run Classic Pool Service in Visalia, CA. Derek has been a pool guy for about 10 years, an IPSSA member for about the same. The family has Blue Cross, but that has its limitations. Out-of-pocket expenses will probably be in the tens of thousands. At least. I've spoken with Derek, his chapter president from Visalia, Roman Gomez, and others about this situation. Dennis Mallory, who was managing the SCP branch up here in Santa Clara and now manages the branch in Visalia, knows Derek and is putting the word out. Even the 31 Flavors ice cream parlor there has a benefit program for Colin.

If you would like to help, contributions can be made out to "Derek and Rachelle McCowan Trust for Colin McCowan" and sent to Citizens Business Bank of Visalia, 500 W. Main St., Visalia, CA 93291. Put "Deposit Only acct.#36105240" on the back if you want. I called the bank to confirm my information is correct and found the personnel there to be well aware of and supportive of this account. This is the kind of situation where our IPSSA membership can really show that we take care of our own.

Dear IPSSA friends over the past eight years:

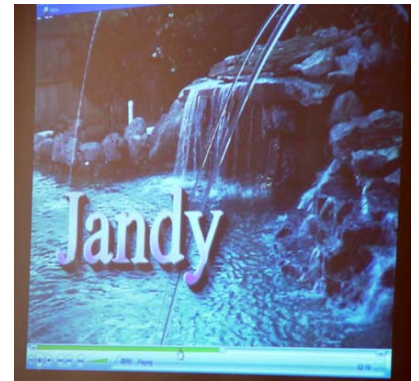
I would like to share with you my reason for retiring from the pool business and going overseas to teach English. It happened because of information I have had for the past sixty years. However, that information did not make a difference in my life until thirty-six years ago. At that time, I was thirty-one. The information was: that I had my sins forgiven by a man who died on a cross two thousand years ago. But for the first twenty-four years I knew this, it didn't do me any good. Why? I thought I was believing when I wasn't. The difference came I saw that believing was obedience the same as being hired was the same as accepting my employer as boss. All that being hired did was give me the CHANCE to obey my boss. All that saying I believe did was give me the CHANCE to obey God. When it came right down to it, though, I was my own boss for those first twenty-four years. I never knew the joy of going His way when it contrasted with mine -nor did I know that my pattern of disobedience made me as good as fired from the job. But when I saw the difference between fictitious faith and real faith, I saw the difference between happiness and joy. Nothing can take joy away (except disobedience). But happiness, for me, was always haunted by the thought that I would be wasted if my outward pleasures were taken away. If I couldn't have finance, romance, occupation or recreation why live? I got crushed in two of these simultaneously in 1969 but got surrounded by real believers who prayed for me. Then something happened that had never happened before. Joy flooded in. This was supernatural! When there was no earthly reason for it to be there it happened. Why? Because God was real - not just some figment of religion. I graduated from the religion to reality. Faith went from mental assent to obedience and it has been that way ever since. So it is because of God's initiative that I am going to China to teach English. I have joy set before me and joy on my path. I want you all to have more than happiness too. If you follow God (instead of some fantasy that you will get to heaven if you just agree with Him) you will get there. If you agree with what He says but go your own way you won't. Take it from the One Who died on the cross and took the penalty for ALL your disobediences: "Not everyone who says to Me, Lord, Lord, shall enter into the kingdom of heaven; but he that does the will of My Father which is in heaven." Jesus then says that even those who have done religious works that were not out of obedience to God will hear these words at the judgment: "Depart from Me. I never knew you." These words are found in chapter seven of Matthew, verses 21-23. Believe that He took the penalty for your disobediences and follow Him instead of your own ways and you will enter into the joy of the Lord not just AFTER death but now. The pool business has been the best job of my life. It is hard to imagine that there is something better. I love you and I will miss you all.

Sincerely, Fred Hurd fhurd@elic.org

# June Supporters



Dan Warriner and Terry Williams from Jandy, demonstrated some of the fine products Jandy is producing, lights and water features are a great way to earn some extra money and keep customers happy with something special, like added mood with colored lights and waterfalls, for nothing is as relaxing as to sit by the pool in the evening watching and listening to the water lightly lulling you into contentment.



Thank you Dan and Terry we appreciate your support.

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## Moment of Clarity

coagulants and flocculent

To achieve clarity, there are two primary ways that silt, algae, organic matter and the like can be removed from pool water. Filtration is the obvious first method. The second method is chemical treatment.

Chemicals help deal with many different contaminants present in pool and spa water. Standard chemical treatments are effective at breaking down organics, microorganisms and algae. Some of the chemical methods for achieving water clarity include sanitizing, shocking and oxidation. Here, however, we will discuss two popular clarifiers – coagulants and flocculent.

The reason these clarifiers were created is because after filtration, sanitizing and oxidation, some small micron-sized particulate can still remain in the water. While the pool can appear clear, it may have small, suspended particulates contributing to the turbidity of the water – it can still look “flat” or “dull”.

Clarifiers such as flocculent and coagulants are a type of a polymer that is a long molecule chain with many positively charged hooks throughout. The particulate material in pools is mostly negatively charged ions. Opposites attract and the small, negatively charged particles are caught in the positive hooks and are held. The process is known as “coagulation.” While coagulation causes the formation of larger, more filterable particles, it is accomplished by a process known as “bridging.” Bridging is the effectual gathering of coagulated masses into even larger bundled particles.

One analogy comparing coagulation to flocculation would be to imagine the difference between a mini-van and a military transport plane. The mini-van (coagulation) is able to pick up passengers and transport them. The military transport plane (flocculation) is able to pick up several minivans’ passengers.

Many clarifiers coagulate, but not all completely flocculate. For example, synthetic polymers are petroleum-based and therefore cannot remove or floc oils.

When selecting a clarifier, go for one that is proven to remove organics and oils through a complete coagulation and flocculation process.

written by Terry Arko

# WEBTALK

We continue to see more and more activity on our [www.ipssafortworth.com](http://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 2700 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](mailto:ipahl@sbcglobal.net)

Thanks, Ingrid

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



## June Meeting Attendance

I am going to be listing the members that were unable to attend the meeting each month in the newsletter. Since I haven't been doing this long, and am awful at remembering names, let me know if I have made any errors.

Please remember that our Chapter rules allow only one absence from meetings per quarter but never two absences in a row (even in adjacent quarters). The rules also say that a member will be fined \$ 50.00 after two absences and may have his or her membership revoked after three consecutive absences.

There may be unforeseen circumstances that occur that can be worked around. If you are not able to attend or send a representative, please call one of the officers and let us know.

Members not present in June:

DFW Pool Service

Ken's Pool Service

Neptune Pool Service

Aquamaid

Clean Water Pool Service

See you all at the next meeting!

SPLASH

## C.P.O. Classes

Heidi Amos – Pentair Pool Products – would like to put together a C.P.O. (certified pool operator) certification class the last week in July – possible days of the week would be Wednesday and Thursday at SCP Ft. Worth (20 or less people) or the weekend if more than 20 people wish to attend. This class would be open to everyone, not just IPSSA members.

Please call **Heidi at 817-874-3903** for more information.

F.Y.I. C.P.O. Certification is required when working with commercial properties.

**Our next meeting is:**  
**Tuesday, July 19th at:**

La Playa Maya Restaurant, 1540 North Main Street

Fort Worth, TX 76106 - 817-624-8411

that's a few blocks south of the Stockyards

We try to arrive around 6:30 PM with the meeting called to order at 7:00 PM.

We do our best to be finished by 9:00 PM.

**Officers Meetings**  
**Monday, July 11th - 7:00 pm:**

Chili's Restaurant, 8000 Bedford-Eules Road

Eules, TX 76180 - 817-577-1245

**Region 9 Bord Meeting this Month**

IPSSA officers will be meeting in McAllen the weekend of July 16<sup>th</sup>. They will be electing the Region 9 president and hopefully vote in a new chapter. These guys are working hard to increase the number of IPSSA members in Texas.

**Pool Quiz**

1. pH's below 7.2 may cause:

A. corrosion

B. scale

C. poor filtration

D. all of the above

2. Sodium Dichlor can be used in erosion type chlorinators:

A. true

B. false

3. The goal in adding extra chlorine to destroy chloramines is to reach breakpoint (shocking). All the chlorine added after that point is free available chlorine.

A. true

B. false

4. Which of the following will raise Total Alkalinity?

A. soda ash

B. sodium bicarbonate

C. both A & B

D. muriatic acid

**June Meeting**

Our meeting was held June 21<sup>st</sup> at La Playa Maya in Ft. Worth. Jason Bonser our Chapter President could not attend because earlier that day he was a victim of heat exhaustion. This should be a reminder to all of us that it can happen to any of us. We all know we should drink plenty of water and not stay out in the sun too long without taking cooling breaks. However, with so much to do and so little time to do it in, we all tend to stretch things out.

- Dave Boyd, our Chapter Vice-President, was unable to attend because he was out of town for his mother's funeral. Our sympathies to Dave and his family. IPSSA sent flowers.

Paul Garcia our Treasurer and myself, Gordon Slagle – Secretary, made our attempt to conduct the meeting. Thanks to Jandy for having a lot of good information to give us. The remaining time was filled with a good report on legislation that is being discussed in Austin that will be affecting the pool and spa industry. Christopher Miles has been spending a lot of his time monitoring what's going on. We all appreciate his efforts.

Bret Moore from the Dallas Chapter visited and although he was in the running to be Region 9 Director at the time, he has since decided to withdraw from the election. That leaves Christopher Miles running unopposed.

There's no cure for birth and death, save to enjoy the interval.

Quoteable Quotes

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 -

events!

Please check our on-line calendar for other upcoming



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



# July Calendar

July 4th - Happy Independents Day



July 11th - Officer Meeting

July 19th - Member Meeting

August 16th Member Meeting at Murray's

Murray Allen  
7548 Orange Valley  
North Richland Hills, TX  
817-281-2062

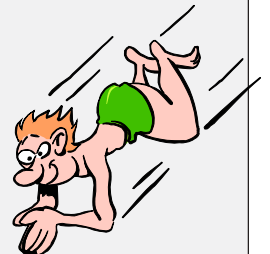
Chapter Supproter for our July 19th  
Member Meeting



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

## Quiz Results

- 1.) A - corrosion
- 2.) B - false
- 3.) A - true
- 4.) C - both A & B



### 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

## IPSSA – Who, What, Where, Why & How!

By joining IPSSA, you will become professionally affiliated with the largest pool service industry organization in the United States. IPSSA's 3500 members.....

- Help each other in time of illness or injury by covering each other's routes.
- Experience educational opportunities through chapter meetings where IPSSA's Associate Members (major manufacturers, distributors, service related companies) provide presentations and assistance to members.
- Voluntarily participate in the IPSSA Benevolent Fund. For a very small fee, this death benefit program provides your designated beneficiary up to \$ 10,000.
- Through IPSSA Management Company, receive excellent group liability insurance, HazMat, commercial insurance coverage and a life insurance policy.

### How do I qualify for membership?

To qualify for membership, you must meet the following standards.

- Be self-employed or employed in the pool and spa service and repair business and derive over 50% of your income from it.
- Attend as a prospective member three consecutive meetings of the chapter you seek to join (the one in the closest proximity to your route)
- Successfully complete water chemistry test.
- Agree to and participate in sick route coverage pursuant to your chapter's Standing Rules.

----- "IPSSA members help each other in times of illness or injury." -----

Texas Service Trade Promotion

**HAYWARD®**

**\$80<sup>00</sup>**

**Texas Service Trade Mail in Rebate**

*This offer is Good on Hayward Phantom or Viper Purchases Only  
One coupon per cleaner. Not to be used in conjunction with any other promotion.*

Company Name \_\_\_\_\_

Contact \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

E-mail address \_\_\_\_\_

Offer only valid to those Service Trade participants that are in the state of Texas. Program Starts Jan 1, 2008. Expires Dec 31, 2008.



- Maintain liability insurance: IPSSA members may obtain group liability insurance through an IPSSA affiliated company.
- Meet any additional requirements as may be required by IPSSA, Inc. or your chapter.

**What is the cost of joining IPSSA?**

- Initiation Fee - \$ 200.00
- Monthly Fees (currently set) – \$ 88.00 includes chapter dues and meal at the monthly member meeting -

For information on getting in touch with your local chapter, go to [www.ipssafortworth.com](http://www.ipssafortworth.com) or call Jason Bonser – President at 817-605-0194

**Mission of IPSSA**

The Independent Pool & Spa Service Association, Inc. exists for the mutual professional benefit and growth of its members and for the continued improvement of the pool and spa service industry’s image.

**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 Service Trade 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



**HAYWARD**  
**PHANTOM**  
High Performance Cleaner

**HAYWARD**  
**VIPER**  
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 closed, restricted, or prohibited. Offerer not responsible for mail which is lost, late or not sent to the address on the front of this form. Please allow 4 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](http://www.haywardinc.com).

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