



IPSSA - FORT WORTH

Volume 6, No. 5, May 2005

Water Features that Out Perform

When you need a waterfall that looks like Niagara Falls.... or you need a quiet pump to create that gentle babbling brook.... What the customer envisions and what the customer gets may not be the same thing,. If you don't know how to calculate the required flow, its not just a matter of putting a 2 hp pump on there ---or if it doesn't work, then put on a bigger pump. The true source of the problem arises long before the pump is installed.

Pipe Size-Pipe Size-Pipe Size-

Without the Proper Pipe Size you may not ever be able to satisfy the customer.

Did you know that-at average water flow, **a 1 1/2" pipe has 4X more resistance than a 2" pipe?**

Did you know that, **two 1 1/2" pipes flow only slightly better than one two inch pipe? or that one 3 inch pipe flows almost four times as much water as a 1 1/2 inch pipe?**

What to Do...What To Do...

The first step is to calculate how much water flow you will need to produce the effect that you are looking for.

A couple of simple concepts that will make Simple Waterfeatures, even simpler...

It takes about **10 gallons of water per minute per foot of waterfall to have a 1/4" flow over the top.** Therefore, if you have a 24 foot wide waterfall, it will take at least 240 gallons per minute to have only a 1/4 inch deep flow over the top of the waterfall.

A 1/4 inch deep flow over a waterfall with a relatively sharp edge will generally fall as a sheet for about 3 feet of height. If the waterfall is taller than 3 feet, you need an additional 1/4 inch of flow over the top for every 3 feet of height to achieve a sheet of water that doesn't break up before it hits the bottom.

What pump will it take to pump 240 gallons per minute?

Depending on the resistance in the system, two 1 1/2 hp from some manufacturers would probably be the simplest solution, if the pipe sizing was done properly.

Many other pumps or pump combinations would work, However, to simply run one 2 inch line and connect a two hp pump is not going to solve the problem. Switching to a 2 1/2 or 3 hp pump still would not realistically solve the plumbing problem. You never get enough water flow and the pump just gets noisy and doesn't last very long.

At the Flow Rate recommended by the Hydraulic Institute for best efficiency, one two inch line should not be expected to flow more than 75 gallons per minute on the suction side of the pump or more than 100 gallons per minute on the discharge side of the pump-*Maximum*. (It still would be best to maintain 75 gallons per minute on the discharge side of the pump to reduce the restriction and increase flow)

Remember, the more that you restrict the flow, or add head loss, the less water will flow from the waterfall.

Kevin Tucker

Use Bigger Pipe



Newsletter

April Supporters



Cliff Davis with WEK & Associates and Mary Jane Rayner with OREQ were our speakers at the April meeting. We appreciate the support and education of the products that they represent. Cliff and Mary Jane donated products that were "raffled off"



Reagan Voight, Ken Dennis and Tony Martinez



SCP Fort Worth once again donated a Polaris 280 that was auctioned off. - AWESOME -

Steve Gossett representing SCP was in attendance.

Other Chapter Supporters in attendance were Ric Hart and Billy Ferguson with Polaris, Char Thompson with American Leak Detection and Kevin Tucker with Blue Jacket Insurance.

"IT CAN'T HAPPEN TO ME!"

Ingrid and I attended the 4th annual National Drowning Prevention Symposium April 28th and 29th in Austin Texas. IPSSA was one of the platinum sponsors. The symposium covered the spectrum of open water, boating safety and swimming pools and spas.

Their purpose is "to maximize efforts to prevent drowning through the development and implementation of strategies to facilitate and improve education, public awareness, effective barrier codes and greater utilization of layers of protection."

continued on page 4...

Without question, there are many water hazards around every home – a bucket of water, the toilet, the bathtub, and many other sources of water – each potentially poses a danger for inquisitive toddlers. But none of these hazards compares to the profound danger posed by a backyard swimming pool. Children under five are particularly at risk. In fact, nearly 500 children die each year in backyard swimming pools, making drowning the leading cause of death for this age group.

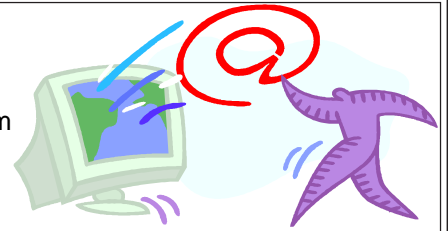
1. Never leave a child unattended near water in a pool, tub, bucket or ocean. There is no substitute for adult supervision.
2. Designate a “Water Watcher” to maintain constant watch over children in the pool during gatherings.
3. The home should be isolated from the pool with a fence at least 60” tall, with a self-closing, self-latching gate. The gate should open away from the pool, and should never be propped open.
4. Doors and windows should be alarmed to alert adults when opened. Doors should be self-closing and self-latching.
5. Power-operated pool safety covers are the most convenient and efficient. Solar/floating pool covers are not safety devices.
6. Keep a phone at poolside so that you never have to leave the pool to answer the phone, and can call for help if needed.
7. Learn CPR and rescue breathing.
8. Keep a life-saving ring, shepherd’s hook and CPR instructions mounted at poolside.
9. Do not use flotation devices as a substitute for supervision.
10. Never leave water in buckets or wading pools.
11. If a child is missing, always check the pool first. Seconds count.
12. Remove toys from in and around the pool when not in use.
13. Don’t use floating chlorine dispensers that look like toys.
14. Instruct babysitters about potential pool hazards, and emphasize the need for constant supervision.
15. Responsibilities of pool ownership include ensuring children in the home learn to swim, and that adults know CPR.
16. Do not consider children “drownproof” because they’ve had swimming lessons.



Artical found at www.drowningprevention.info

WEBTALK

The regional board has voted for me to take over and keep the www.ipssatexas.com website updated. Which I'll be happy to do as soon as I get access to the site. Thanks guys and gals for the vote of confidence.



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've had more than 2200 hits this year.

It was good seeing everyone at the April meeting. I still need a few more business cards to post on the website.

Let me know if you are getting any positive results (New Customers) from our website. I have already heard of a couple and feel that more and more people are surfing the web to find what they need.

Contact me at ladyweaver@ladywebweaver.com

Thanks, Ingrid

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



Pictures of Austin Meeting, Drowning Symposium and the evening tour of the Lower Colorado River will be on our website www.ipssafortworth.com/news - go and check them out for a chuckle.

.....continued from page 2

"IT CAN'T HAPPEN TO ME!"

Yes, barrier codes may be an inevitable reality – first for new pool construction and then as implemented requirements for existing pools. Other layers of protection were discussed such as multiple suction outlets, pool safety covers, safety vacuum release devices (Stingl switch and Vac alert), Alarms and self-closing and locking doorways. The problem with multiple layers of protection is that it can lead to a feeling of false security. "I don't have to watch my kids because I have all this protection."

We were told several times how grateful the symposium was to see IPSSA represented. They view us as a "First Line" as far as being able to spread the word of safety and accident prevention to the homeowners we service. We are viewed as the Pool Professionals that can help educate people as to potential hazards and possible solutions to help prevent the tragedy of drowning or near drowning. Like it or not, we do assume a certain responsibility as professionals the minute we step into someone's back yard.

When you think about it, we have a unique occupation, going into someone's living area and taking care of what we hope is a great source of joy for them.

Personally I believe that IPSSA members have an opportunity to rise above just being the "Pool Guy" and being recognized as someone that genuinely cares about keeping our customers families as safe as possible around their pools and spa's, think about it, what other professional that can be called to a persons home has this opportunity? They already trust you a great deal, in most cases giving you keys and access to their property whether they are home or not.

At the symposium, we heard from several mothers about the tragedy that had befallen them because of the loss of a child. In all cases, these women came across as caring and vigilance people who had only let their guard down for a second. If only, there had been more layers of protection. If only I hadn't become distracted. If only I had known the neighbor's gate didn't latch properly – they had a pool. If only – if only – everyone knows that there is no substitute for constant vigilance. I'm a good mother that pays attention!

It can't happen to me!

Maybe we can help a little bit. Do you have your "Water Watcher" info kits yet to pass out to your customers? Remember the first 50 sets are free. Helping to save only one small life could make it all worthwhile – anyway, that's my opinion.

SPLASH

Upcoming Events

**Our next meeting is:
Tuesday, May 17th 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, June 6th:**

Chili's Restaurant, 8000 Bedford-Eules Road

Eules, TX 76180 - 817-577-1245

Monday, **May 2nd** - Officer Meeting

Pool Quiz

1. In general, to superchlorinate a pool with no measurable chlorine residual, bring the free available chlorine level up to 5-10 ppm and hold that level for 4 hours.

A. True

B. False

2. How can you destroy the chloramines in a swimming pool?

A. Raise pH

B. Lower pH

C. Add 3-6 times the normal amount of chlorine to the pool.

D. Both A and C

3. pH and total alkalinity are related. It is not possible to change one without having an affect on the other.

A. True

B. False

4. Trichlor is highly acidic and can do which of the following?

A. Harm equipment

B. Harm plaster

C. Corrode metals

D. All of the above

A Word from the President

by Jason Bonser

Elections are coming!

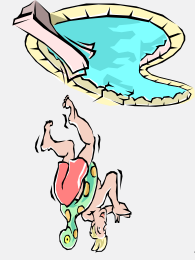
Two people have submitted themselves for IPSSA Region 9 director, Chris Miles from FT. Worth and Brett Moore from Dallas. Our chapter has two votes, the president has one, and the Vice president must vote the voice of the chapter. Elections will be held at the third quarter IPSSA region 9 meeting. The meeting will be in July and will be in McAllen, TX. The region will be heading out there to look at expansion for Texas.

Our own chapter elections will be in November this year. Nominations will be taken at our October meeting, there will be a Nomination Committee formed in September. If you are interested, please step up. The term is for two years, starting at the Installation meeting in Calif. (for the incoming President, and new treasurer) which will be the first weekend in February

The president and Vice president (2nd rep to region 9) are required to attend 4 quarterly meetings in Texas, and all 12 officers meeting during the year, as well as all the member meetings.

The face of the pool industry is changing here and all over Texas every day. Step up and be apart off our future.

Summer is just around the corner, are you ready? Start bringing that extra cooler for liquids and such. Taking that small break to cool down and consuming some water will help you re-charge and finish the day. Remember to drink plenty of water and not wait until you are thirsty, by then its too late.



IPSSA Fort Worth
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Please check our on-line calendar for other upcoming events!
Contact me to keep the calendar updated -
let me know when there is an event coming up that should be brought to everyone's attention!

May Calendar

- 8th - Sunday - Mother's Day
- 17th - Tuesday - Member Meeting
- 30th - Monday - Memorial Day
- June 6th - Monday - Officer 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

Speaker for the May 17th Meeting

Paul Putter



David Lyne with Goldline

Quiz Results

- 1.) - A - True
- 2.) - C - add 3-6 times the normal amount of chlorine to the pool.
- 3.) - A - True
- 4.) - D - all the above