## Santa Clara Valley IPSSA Newsletter



#### Next General Membership Meeting Thursday, July 19, 2018

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#### **Board of Directors**

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#### MONTHLY MESSAGE

We hope every one had a GREAT 4th of July.

Remember we are meeting at Leisure this month.

It's time to start thinking about Monterey and the PIE. Pool Industry Expo is an event that illustrates products and services like the latest swimming pool types of equipment, swimming pool building & repairing services and many more related products & services etc.

This event offers exhibit booths and educational seminars directed at decision makers of the pool and spa service industry.

This is your Education Vacation! Spend the weekend, relax and enjoy the time away from work and attend the classes.

Meet other pool business owners and talk business. Or drive down each day and enjoy the classes and meeting other pool company owners.

Bring the family and make it a Day in Monterey.

In your billing add this:

#### To, ( customers name)

I will out of town September 20th Thursday and Friday September 21 for Classes. Your pool will be treated with extra chlorine and will be fine until my return.

Thank You,

( your Name)

See you at Leisure. *Joe* 

#### **MEETING AT LEISURE SUPPLY, THIS MONTH**

Meeting @ Leisure Supply 3520 Thomas Rd, Suite A Santa Clara, 95054

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#### **IPSSA Contact Information**

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#### What we know

-NEC (*National Electric Code*) requires GFCI protection for all pool pumps. A pool builder or electrician cannot install power to your pool pump per code without one.

-GFCI breakers can and do trip more often than traditional breakers because they are designed to disconnect power at very low levels that would prevent a person from being injured. They are doing their job when they trip.

-Noise from transformers, variable speed pump drives, and certain lighting controls cause nuisance tripping.

-Moisture from rain, sprinklers, or runoff causes GFCI breakers to trip as well.

-Some breakers experience a lower rate of nuisance tripping than others. At Hawkins Service we install the Siemens breakers for this reason. They have proven to be the best available currently for pool pumps. Even these will trip, just less often.



#### What can be done to help keep your GFCI from tripping

-If the issue occurs when light colors are changed or when switching lights on and off, then installing a light transformer with a filter may help. (at Hawkins we only use this type)

-If the issue occurs when it rains or after sprinkler use – It is likely that moisture has accumulated on the wiring connections or the motor windings. This will cause a small fault to ground that will trip a GFCI breaker. Check the area around your pool pump. Is there a way to keep it dry. If your pumps sits in a puddle or gets excessive runoff from the roof then look for a solution to keep it more protected. The motor needs air space so don't cover it with plastic or enclose it tightly. Think of shielding it but with air space. Motors have vents in the back and a fan that cools them. This same fan can suck in moist air and cause the GFCI to trip. You don't want to block the vent just keep it from taking on excessive moisture.

-If the breaker trips as soon as you turn it on and the pump area is dry then you may have a bad breaker or motor. This is when you should call your electrician who can test both.



June meeting at Leisure when Scuba came in and gave a presentation, along with a killer dinner,

#### **Pools Issues In The News**

BAKERSFIELD, Calif. (KBAK/KBFX) – <u>Southern California Edi-</u> son is warning pool owners of electrical hazards.

The utility company urges people to employ a licensed electrician or pool contractor to conduct an annual inspection to uncover threats from faulty or unbonded lighting and equipment.

The <u>U.S. Consumer Product Safety Commission</u> says these are the potential sources of electrical danger around pools and hot tubs:

- underwater lights
- electric pool equipment -- pumps, filters, vacuum, etc.
- extension and power cords
- electrical outlets or switches
- radios, stereos, TVs and other electrical products overhead power lines

"Annual inspections by licensed electricians or pool contractors are paramount when it comes to electrical safety in swimming pools," Paul Jeske, Southern California Edison's director of corporate health and safety, said in a posting on its website. "Electrical inspections should never be done by pool owners or cleaning crews."

Stephen Little, a state-licensed pool contractor in the Coachella Valley, gave his advice to Southern California Edison.

Among his tips: Reduce underwater pool lights to 12 volts, only use battery-operated devices around the pool, electronics should be kept 20-30 feet away from the water's edge, and keep decorative string lights away from the water.

"Potential pool, spa and hot tub electrical accidents are 100 percent preventable with annual inspections by a licensed electrician or pool contractor," said Jeske. "We strongly urge our customers to have them done."

#### A recent study says, swimming pools and hot tubs are more likely than lakes to make you sick By Alesha Ray

Taking a cool, refreshing dip in a lake or swimming pool is one of [the] summer's enjoyments and sometimes a necessary escape from the stifling heat. But two recent federal health studies found that some waters [are] better than others, at least when it comes to avoiding waterborne illnesses.

Of 633 outbreaks nationwide caused by bacteria, viruses or other things floating around, nearly 80 percent of them were traced to water that was treated with chlorine or other chemicals in swimming pools, hot tubs or wading pools. Most illnesses cause intestinal problems and diarrhea.

The studies, which tracked outbreaks from 2000 through 2014, found 493 outbreaks where 27,219 people were sickened and eight died from pathogens in recreational water treated with chemicals. The figures do not include sicknesses linked to private pools or cases where just one person got ill. By comparison, there were just 140 outbreaks linked to lakes, rivers or swimming holes, with 4,958 people falling ill and two deaths, according to the Centers for Disease Control and Prevention.

"People have a false sense of security when they go to a swimming pool," said Trisha Robinson, an epidemiologist supervisor at the Minnesota Department of Health. "There is this sense that chlorine kills everything. That is not the case."

Pool operators are also required to check chemical levels daily and keep a log of chemicals added. But add people to the pools, and that is where the problems begin.

"It really is a communal bathtub," said Robinson. "You are sharing water and germs in it with everybody else that is in there."

The chlorine and other chemicals help neutralize some things, but many outbreaks have been caused by Cryptosporidium, a tiny parasite that can survive in chlorinated water up to seven days.

The source of the problem is human fecal matter. While an accident made by an infant is the nightmare scenario, even the most fastidious adults can be the source if they do not shower before entering the pool.

Most of the waterborne diseases lead to stomach and intestinal symptoms, including diarrhea, stomach cramps, fever, and vomiting. Tragically, Minnesota has seen two fatalities in children caused [by] a waterborne amoeba that enters the nose and attacks the brain. Although rare, it is most risky in shallow, warm lake water, that are contaminated with animal feces.

Some local and state health departments monitor beaches for contamination. "Try not to swallow the water."





# SMART SAVINGS FOR PROS

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with qualifying VS Pump purchase **-or-**

## FREE iQPUMP01 AND **\$50 CASH** REBATE

with qualifying 2.7 HP Pump and TruClear® or PB4SQ Booster Pump purchase



Download Form



Are you following the water conservation laws in California? Will they impact your business and spread outside of California to other droughtstricken areas? Join California Pool & Spa Association (CPSA) and National Swimming Pool Foundation (NSPF) for a webinar: How Do the New California Water Conservation Laws Affect You? Wednesday, July 25, 2018Read the Rest...

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Click on <u>Hasa Flyer</u> to be linked to form to fill out and send to Brian.

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