



Australian Innovative Systems

WATER QUALITY AT PUBLIC POOLS

11th October 2016
Gold Coast Aquatic Centre



MineralChlor[®] ChloroGen[®] EcoLine[®] AutoChlor[™] CHROME

CHIEF ENTERTAINMENT OFFICER





THE OLD



NORMAL





**EMBRACE CHANGE
REDEFINE THE FUTURE
REFRAME THINKING**



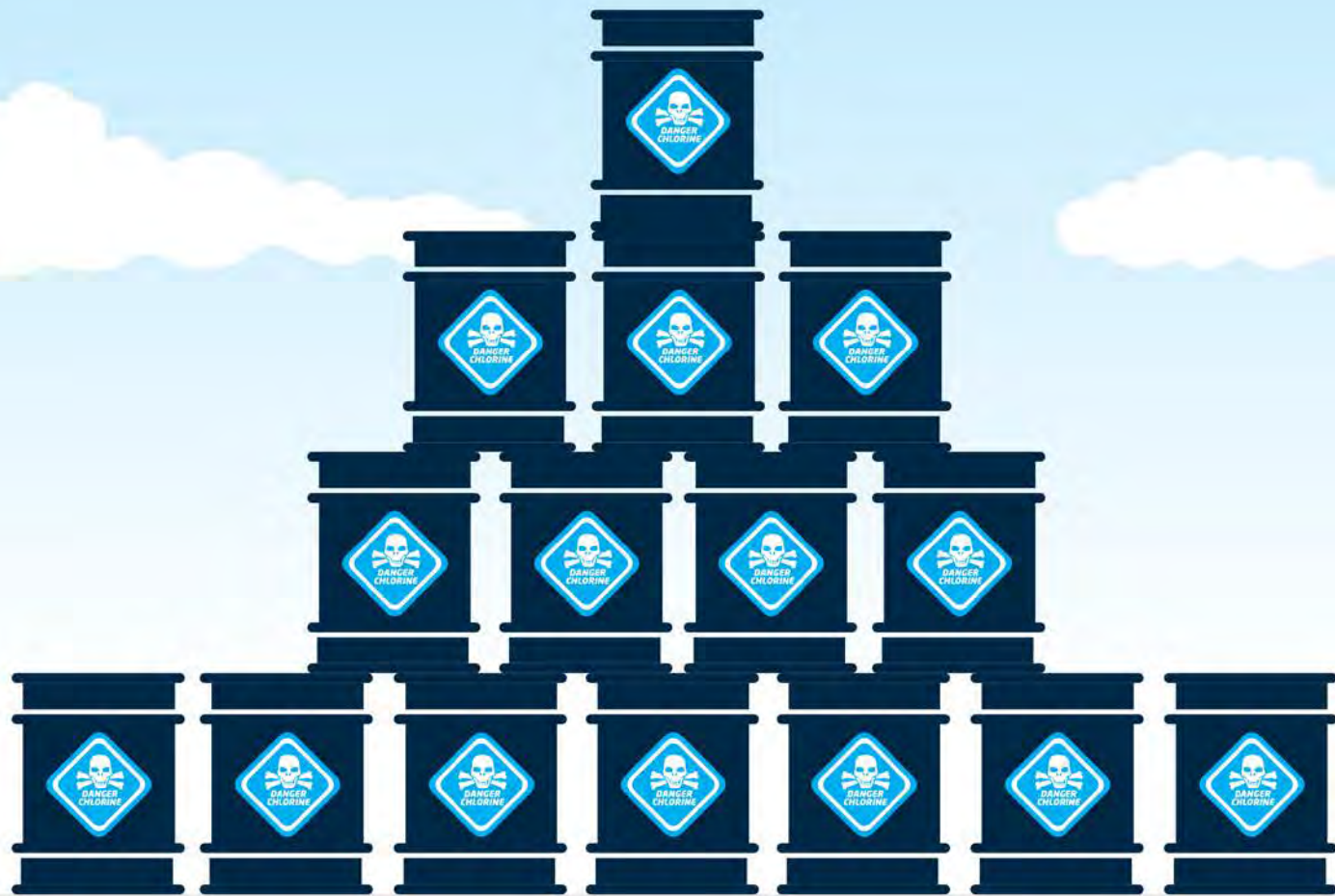
The background is a light blue field filled with various stylized, colorful illustrations of microorganisms. These include rod-shaped bacteria with flagella, spherical viruses with spikes, and other abstract shapes in shades of blue, teal, and dark blue. The overall theme is microbiology or infectious diseases.

BACTERIAPHOBIA

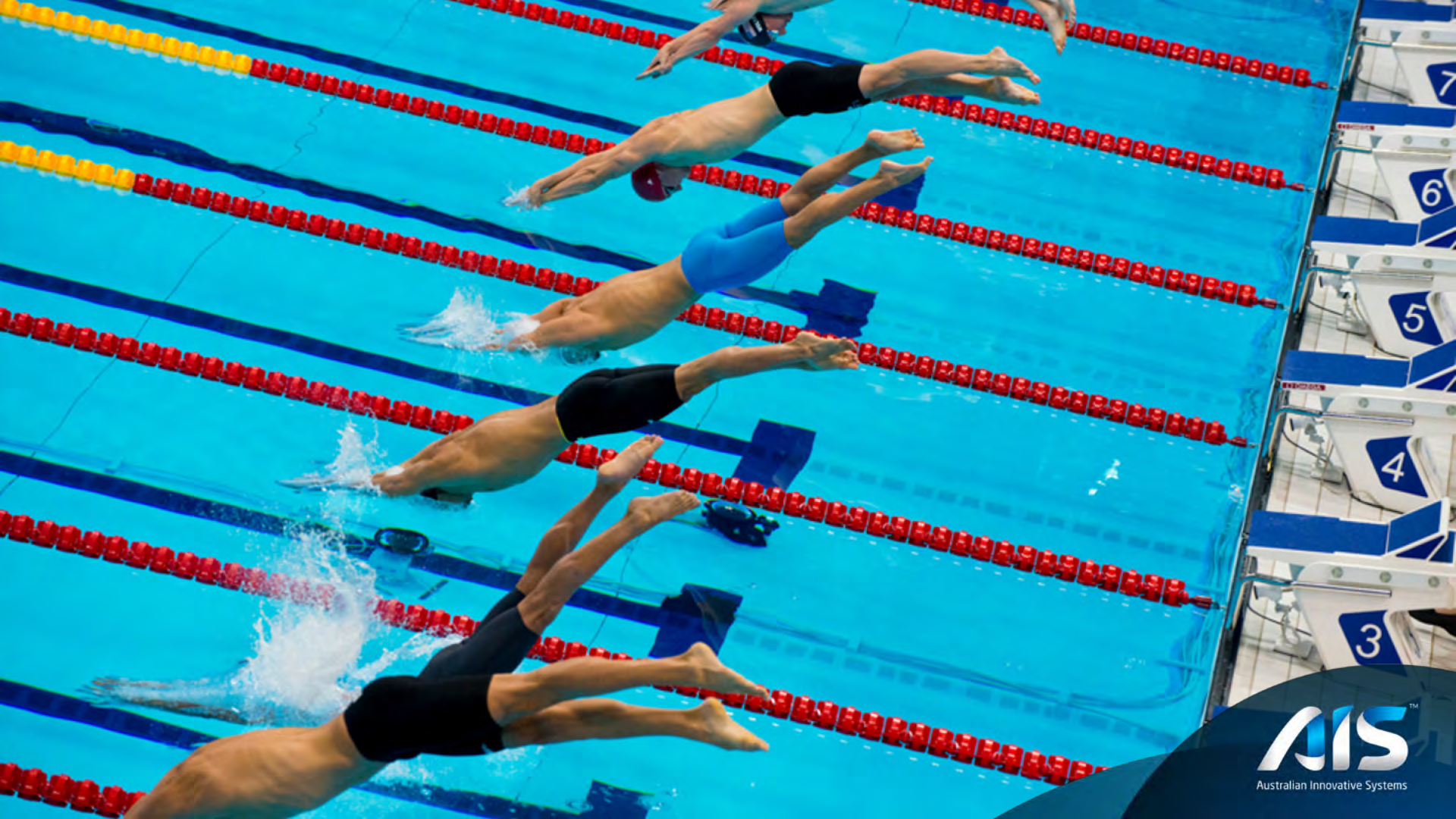


***OVER 2,500,000,000 LITRES
OF WATER***



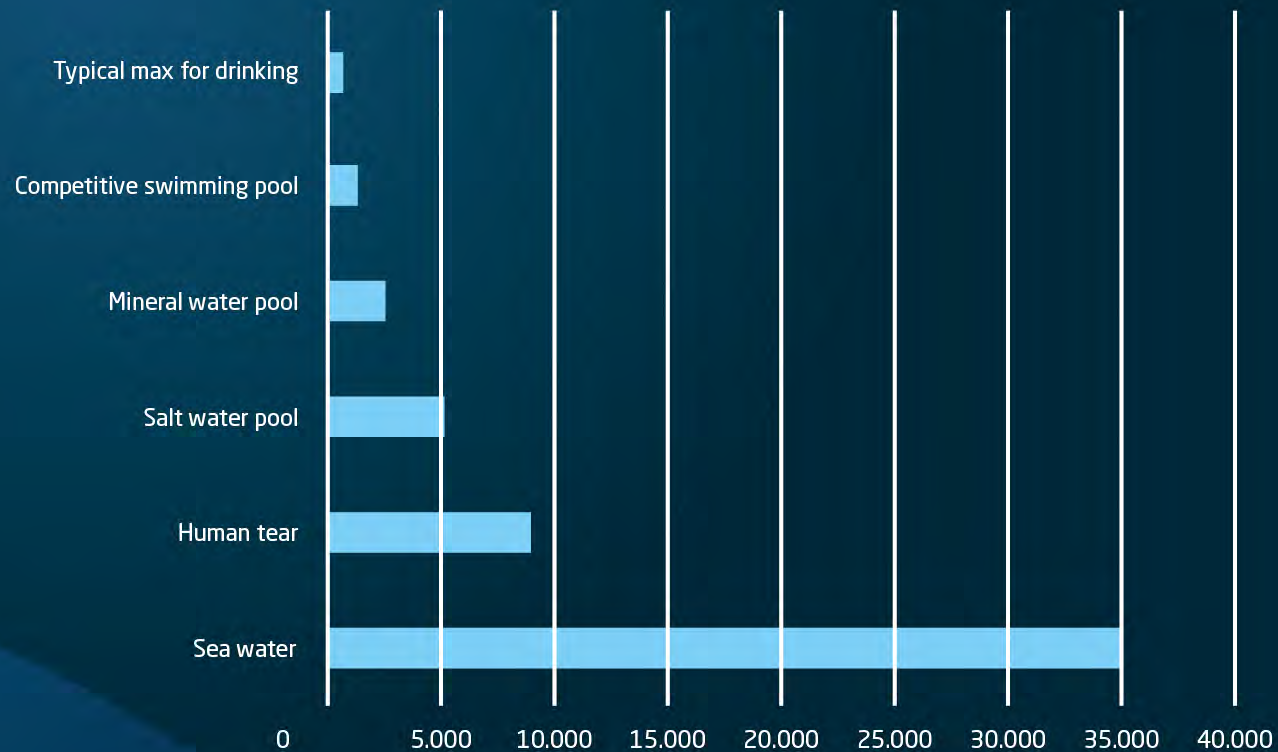






AIS[™]

Australian Innovative Systems

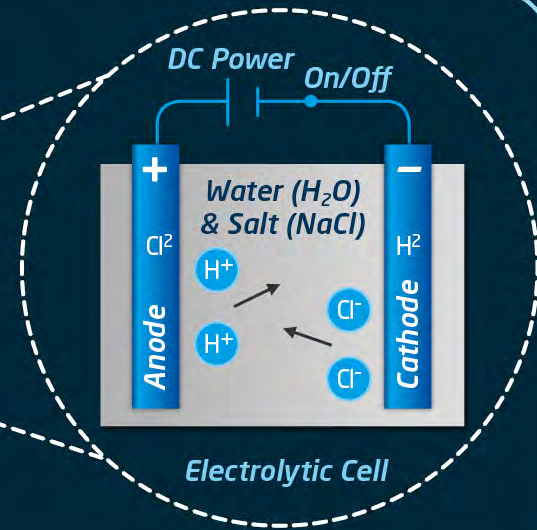


**“BOTH CALCIUM HYPO AND SODIUM HYPO
PRODUCE SALT AND INCREASE TDS LEVELS
WHEN USED IN SWIMMING POOLS”**





Michael Faraday
1791 – 1867





EcoLine™



EcoLine is a breakthrough fresh water commercial chlorine generator that pushed the boundaries of disinfection by electrolysis and started new era for the swimming pool industry.



AIS™
Australian Innovative Systems

THE BENEFITS OF USING ECOLINE :

- It saves water
- It is easy to install and operate
- It keeps toxic chemicals off public roads and highways
- It provides continues protection
- It requires minimal operator attendance
- It reduces operational expenses
- It attacks germs in the pool as well as in the pump room
- It improves indoor air quality
- It keeps TDS and Hardness levels steady

SWIMMER INTRODUCED NASTIES



THE HUFFINGTON POST

NEWS POLITICS ENTERTAINMENT WELLNESS WHAT'S WORKING VOICES

Healthy Living

This Is What A Clean, Healthy Pool Should Actually Smell Like

It's not what most of us are used to smelling.

1.5k

Share with The Huffington Post



The Question: Do I really have to shower before I go swimming?

The Answer: That sign in the locker room is not a mere suggestion. While very few of us would skip a post-swim shower (got to get that icky chlorine off), we should probably follow the pre-swim rules with a little more vigor.

Lifehacker LIFE Australia


Life Work If You

HEALTH

Yes, There Is Gross Stuff In Your Swimming Pool. Don't Freak Out

BETH SKORSEK / 18 DECEMBER 2015 4:00 PM

Facebook Twitter Reddit LinkedIn Google+



You've probably heard that it's not chlorine that makes your eyes red when you swim, it's the chlorine binding with other people's pee. I look at it a different way: there will always be gross stuff in pools. That's why we purchase them in the first place. Your red eyes mean the chlorine is working.

There are grosser things in pools than pee. But a few conscientious swimmers will not make the problem go away. Those irritating chloramines result from chlorine binding to just about anything, including sweat and personal care products.

Showering before you get in the pool removes some of that, but if people in the pool are getting a workout by swimming laps or doing water aerobics, they're going to sweat anyway.

Here's another bit of news that will shock non-parents: All those swim goggles the kids are wearing? They don't do anything to keep pee out of the pool. Their job is just to keep a Number Two contained until

6 NEWS AT 6 CHS & TV SCHEDULE

Meet Our Pros

Don't hold back your game? Put your best foot forward.

The grossest health concerns of summer will make your stomach churn

POSTED 7:07 PM, JUNE 28, 2015, BY CNN WFLA, UPDATED AT 04:30 PM, JULY 2, 2015

Facebook Twitter Email Google+ Pinterest Reddit

You are not the only one who thrives in the summer and loves its warm, long days. Bacteria and other microbes that cause food poisoning, diarrhea and just general grossness also flourish, threatening to make it a season to be sick.

"Foodborne pathogens follow an annual cycle, and tend to see peaks of them, especially bacteria, in the summer, at picnics, potlucks and all the outdoor events," said Melinda Wilkins, director of the online science master's program in food safety at Michigan State University.

Your gut is not the only part of your body at risk of assault by bacteria such as E. coli in summer months. Bugs lurk in air conditioning filters, especially when it's hot and humid, ready to cause trouble for those with breathing problems. And the skin that protects you from infections can become a portal for them after a hot, blistering sunburn.

Of course, even if some dangers await you at the picnic, pool or beach, it is worth it to get out and enjoy yourself. You can most likely handle what comes your way.

Don't pee (or poop) in the pool

The burn you feel in your eyes after a dip in the swimming pool is not because of chlorine. It is because pee, poop and sweat from fellow swimmers (and maybe you) react with chlorine and form chloramine compounds, and this combination is what really stings your peepers. Aside from the gross factor, the formation of these compounds means there is less chlorine left in the water to kill bacteria, such as E. coli. Chloramines can also irritate the airways, and when they build up in the air, such as at indoor pools, they can trigger asthma attacks.

"We recommend that you not pee or poop in the water, and shower before you go in," said Michele Hlavac, chief of the Health Swimming Program at the Centers for Disease Control and Prevention. A 2010 CDC report found that one out of 10 public pools don't have proper chlorine levels. To make sure you're not about to take a dip in a bacteria-laden pool, "you can use pool test strips at a pool supply or big box store" to check the chlorine level, Hlavac said. (The CDC recommends chlorine levels in pools between 1 and 3 parts per million and pH of 7.2 to 7.8.)

Even at the right levels, chlorine does not wipe out everything. A new CDC report

AIS
Australian Innovative Systems



WHAT CAN ECOLINE DO FOR ME?



Elena Gosse, CEO Australian Innovative Systems Pty Ltd
elena@aiswater.com.au

www.aiswater.com.au

MineralChlor™

ChloroGen™

EcoLine™

AutoChlor™

CHROME

AIS™
Australian Innovative Systems