



## Waterco Australia Swimming pool water treatment

Somerset College, Queensland



# Waterco's revolutionary breakthrough in water treatment

Oxi Swim described as the ultimate bacterial killing weapon

Waterco's Oxi Swim Sanitiser Cell is a revolutionary breakthrough in water treatment technology that combines the use of electrolysis with hydrogen peroxide to form a bacterial killing weapon — and it's receiving rave reviews from Queensland's prestigious Somerset College.

The combined power of two sanitisers provides an oxygen rich swimming environment that is extremely efficient in neutralising pathogens.

"Oxi Swim takes a sequential disinfection system to the next level with multiple layers of pathogen deactivation taking place to ensure the ultimate protection for swimmers at all times," explains Oxi Swim inventor, Nick Briscoe.

*“ Oxi Swim has created a much more enticing environment for staff and swimmers to be in. ”*

**WATERCO**  
water, the liquid of life

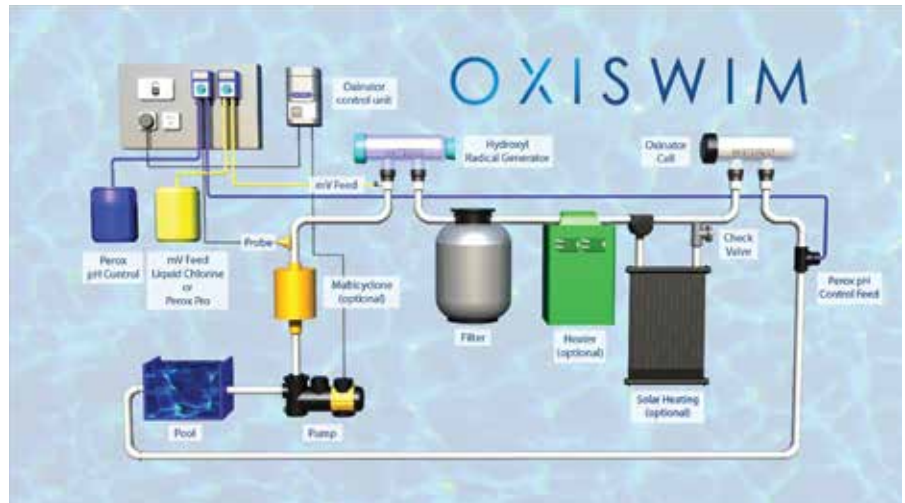
Waterco Limited (ASX:WAT) pioneers reliable solutions for healthy, safe water environments, which are used in residential, commercial and industrial applications in over 40 countries. Established in 1981, it has become a global brand recognised for designing and manufacturing filtration and sanitisation equipment for the aquatic, aquaculture, and water treatment sectors.

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“The system also produces a long-lasting residual effect, so swimmers are protected even when it is not running.”

This revolutionary water treatment solution is the first of its kind ever offered in the swimming pool sector to prevent biofilms from flourishing.

“Biofilm formation is not generally recognised as an important factor when operating a swimming pool,” Nick explains. “This, however, is a contributing factor to increased sanitiser demands and poor water quality.”



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Furthermore, Oxi Swim's flexible system helps reduce operating costs for commercial pools that close during school holidays or Christmas, for example.

“During the off season or even public holidays, switching over to Oxi Swim Sanitiser significantly reduces chemical costs,” Nick explains. “Running alternative sanitisers from time to time also prevents pathogens building resistance to the sanitiser used most often in the pool.”

### Waterco invention replaces traditional chloramine management

An official training camp venue for Canadian athletes competing at the 2018 Commonwealth Games, Somerset College on Queensland's Gold Coast is renowned for its high-end facilities and elite swimming academy.

In his pursuit to create the ideal aquatic environment for staff and students, head swimming coach and former alumni Forrest Butcher has been on a years-long mission to replace traditional chloramine management with a healthier, more reliable solution.

“Chloramines are significantly more corrosive than chlorine and had caused some surfaces to rust,” he explains. “We also had swimmers who reacted to the chlorine — some with sensitive skin conditions who wouldn't go in our indoor or outdoor pools.

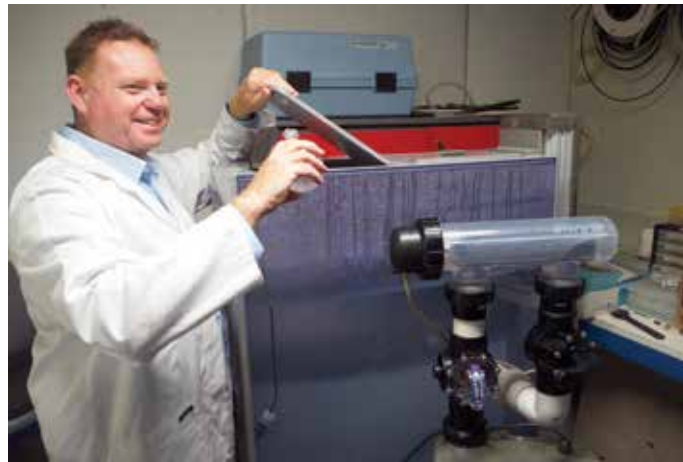
“Also, the smell and side effects of an enclosed chlorinated environment had become a major issue, not just for our swim students and staff but also for the environment.”

### Waterco's Oxi Swim praised by coaches and students

Starting in 2019 with Somerset's 14-metre 100,000-litre indoor pool, Forrest has been relying on Waterco's sanitisation innovations including a chlorine-free, odourless system — the only one to be endorsed by the National Asthma Council of Australia's Sensitive Choice® program.



There are two Somerset College swimming pools now sanitised by Oxi Swim: a 50,000-litre infant pool and 100,000-litre learn-to-swim pool.



Oxi Swim underwent strict testing at Somerset College before being approved by Gold Coast Council in 2019 for use in commercial swimming pools.

“Oxi Swim is a non-chlorine-based pool disinfection system which provides a safe and pleasant swimming environment without the harsh side effects of chlorine (Chloramines),” Forrest explains.

There are two Somerset College swimming pools now sanitised by Oxi Swim: a 50,000-litre infant pool and 100,000-litre learn-to-swim pool.

“Oxi Swim has created a much more enticing environment for staff and swimmers to be in – there’s no acrid smell in the air and the water no longer irritates skin – without the potential harsh side effects that come when chloramines are present,” Forrest adds.

“This has been especially noticed by the staff who are in the water much more than the swimmers.”

In addition to providing more comfortable swimming conditions, Oxi Swim has eliminated the products and processes need to continually reduce chloramines.

“Before Waterco’s system was installed, this was a difficult, costly and onerous job,” he says.

### Oxi Swim: Affordable, versatile, easy to use

Why it’s special:

- Can be retrofitted to any existing salt chlorination system
- Pool can be converted to freshwater bathing at any time
- Superior pH control means clearer water and improved cleansing
- Non-fuming chemical prevents atmospheric corrosion in plant rooms
- Inbuilt timer with AUX output streamlines operation
- Chlorine feed system can support salt chlorinator output
- Chlorine can be delivered via Oxi Swim or existing salt chlorinator
- Freshwater experience incorporates the latest catalytic technology
- Hydroxyl Radical Generator (HRG) needs no electricity to run and doesn't impact on water flow rates
- Simple installation, operating procedures and maintenance
- Reduces complex calibration and general operating costs

### Approved by Gold Coast Council

Oxi Swim underwent strict testing at Somerset College before being approved by Gold Coast Council in 2019 for use in commercial swimming pools.

“We regard this as a huge achievement,” says Nick. “Most alternative sanitisation systems fail to get approval because very few meet all statutory requirements. In fact, Gold Coast is one of the few regional councils demanding licensed operator commercial swimming pools.”

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