

MACQUATICS TRAINING

HOLISTIC SWIM CENTRE TRAINING

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Re: My findings using Zelbrite filter medium

Just one month ago, we removed the sand from the pressure filter at the council swim centre and replaced it with Zelbrite. It was flushed through the normal backwash cycle three times, then I was ready to fill the pool with town water.

When the pool was full, the water was quite green. It was then circulated and chlorinated.

24 hours after commencing circulation, the water had gone from green to clean, with no need to do backwashing!

Four days later, and the pressure gauge is still indicating low filter pressure at 50Kpa, a pressure I've never seen before when using sand, which is usually about 70Kpa immediately following a backwash.

Glen Innes is one of the coldest towns in Australia. I use both gas and solar to heat the water, costing our council approximately \$14,000 for the six month period. Every time I backwash the filters, which is usually four times per month, I use approximately 15,000 litres, which has to be replaced with cold and untreated town water.

Your Zelbrite product is so far indicating that I will only need to backwash monthly, saving around 250,000 litres of water per season, an estimated \$1800 on chemicals and probably \$4000 on heating costs.

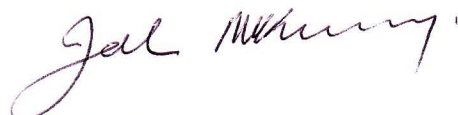
To give you an example. On Monday when I started the pumps for the first time, the water temp was 16 degrees. Four days later, it's 22degrees, because I haven't had to backwash and add cold make-up water to the system. This has never happened before. I'm saving my council well in excess of \$5000 per season, in a 700,000 litre pool!

As you can see, Zelbrite is already proving to be an excellent sand replacement material.

I'll keep you posted on the final savings for the season.

Please use this testimony if you wish.

Regards,



John McKenny,

Manager - Glen Innes Swim Centre