



MIAMI STATE HIGH SCHOOL

Learning through a Team Effort

ANTIBIO FIT JANUARY 2004

Pre Antibio:

Backwash – 15Lt/sec; each cell, we would dump 18,000 litres of water @ 20 minutes, as we have four cells in the Filtration unit, this equates to 72,000 litres of water dumped each week.

Post Antibio:

Backwash – 15 Lt/sec; each cell, we now dump only 4,500 litres of water @ 5 minutes, four cells now equates to 18,000 litres of water dumped each week.

This is a very significant saving in water alone. The time frames are worked out by how long it takes the dirty backwash water to clear.

I am informed that after backwashing, there is no longer the requirement to use Aluminium Sulphate, as the Antibio system does the work of this chemical. I would use approximately one 25Kg bag of Aluminium Sulphate every four weeks, and with the use of the pool September through until May (approx 28 weeks), and the cost of this chemical from Elite Chemicals is 15.25/bag, again the saving would be \$106.75.

Since the fit of this system, the water quality and clarity has also improved – I have no data to prove this, only on my visual observances.

Noel Wright
Facilities Officer/Pool Maintainer