



## CHARLES MCCARRON BATHS - CANOWINDRA POOL

Canowindra, NSW, Australia | A Brief History

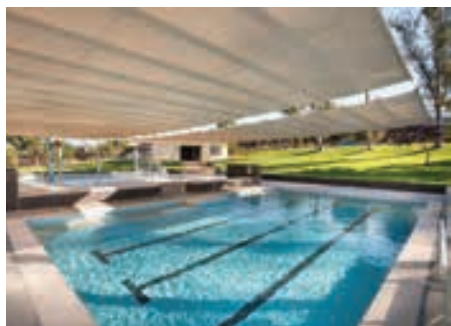
The Charles McCarron Baths (now Canowindra) were opened 60 years ago in New South Wales, Australia by the Cabonne Shire Council. The original complex featured a 33 meter outdoor pool. Over time the pool had deteriorated and was on the verge of shutdown until it was decided a renovation would take place in 2013.

### Canowindra Pool Today

The Charles McCarron Baths, now known as the Canowindra Pool Complex celebrated its sixtieth year with a grand reopening and a renovation project. The project converted the 33 meter pool into a 25 meter lap pool, added a children's program pool with a beach style entry and water features, computerized timing equipment, solar heating and a state of the art pump and filtration technology for the pools.

### A Highly Efficient Complex

The facility's renovation was designed and constructed by the award-winning Beau Corp Aquatics of Queensland Australia. Beau Corp chose the Neptune Benson Defender® Regenerative Media Filtration System because Canowindra would have an annual savings in water of more than 1 million liters (approx. 255,000 gallons). A variable frequency drive (VFD) was also used because of its 60% savings on the annual electric bills. "Delivering these and other sustainable, smart, green ambitions are what Beau Corp does best" says Michael Hoy of Beau Corp.



### THE DEFENDER® BENEFITS

- 90% less water and waste
- 30% less chemicals and fuel
- 75% less space and labor
- 50% less energy
- Superior Water Quality

### WHAT OUR CUSTOMER SAYS:

"Beau Corp's recommendation of Defender® filtration has proven to provide sustainability and financial viability for us. Our summer season saw an increase of traffic by 48%, with exceptional high water quality delivered daily. We noticed an increased volume of people commenting on the reduced concentrations of chlorine in the aquatic centre, which allowed for maximum user comfort. Traditionally, prior to the upgrade, we had high chemical residuals due to super chlorination requirements."

**Jarrod Strange**  
Pool Manager  
Canowindra Pool



### It's all about the "Bump"

The Defender® filter is programmed to automatically "bump" on a daily basis to regenerate the media coating of the flex tubes. This incredible benefit maximizes system performance while enhancing sustainability and conservation.

### "Intelligent" Filters

These intelligent Defender® Regenerative Media Filters eliminate 90% of the backwash associated with sand filter operations and use a quarter of the space.



### AWARD-WINNING

In 2013, Neptune Benson's Defender® was certified as a "Smart Approved" water saving device by an expert panel supported with a grant from the Water Smart Australia program. The purpose is to reduce water consumption through the promotion of products and services that help conserve water use.