



#### LOCATION

Renmark, South Australia

#### CLIENT

Renmark Paringa Council

#### CATEGORY

Major Renovation

#### FEATURES

Older Pool Renovation  
Custom-designed Stainless  
Steel Gutters  
Wetdeck Conversion

# Renmark Swimming Centre

**The renovation works at the Renmark Swimming Centre are an outstanding example of how an older aquatic facility can be upgraded to improve water quality, access and safety for the benefit of the local community.**

The average life expectancy for a public pool in Australia is 50 years (Source: Royal Life Saving Australia, The State of the Aquatic Facility Infrastructure in Australia, 2022). The Renmark Swimming Centre, built in 1975 was reaching its end-of-life stage and after 46 years of service required a significant upgrade to ensure it could continue as a valuable community asset for the region.

Works focused on the 50m pool, where structural upgrades were necessary. We removed the existing concrete gutters on both sides of the pool and rebuilt the walls to house a custom-built stainless-steel gutter system. The choice of prefabricated stainless steel in the gutters speeds up construction time and reduces inground pipework. In addition, filtered water return inlets in the gutters work collaboratively with floor inlets and main drains to provide outstanding water circulation. Visually the resulting wet deck on both sides looks modern and sleek. Finished with white grating that seamlessly connects the pool and upgraded concourse.



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## RENMARK SWIMMING CENTRE

Access to the pool was significantly improved by the creation of a new ramp and stairs at the shallow end of the pool. Here we widened the pool to ensure no lanes or pool areas were sacrificed. The Renmark Council elected to finish the 50m pool with a commercial-grade PVC liner. This product creates a flexible and watertight membrane, further supporting the pool's structure to remain viable. The pool was finished on both ends with two rows of waterline tiles and the remaining hobs were re-tiled with non-slip tiles. The wet edge on both sides of the pool was finished with compliant finger grip tiles to improve patron safety. Eight new, FINA Compliant starting blocks have been installed at the deep end for competition and training.

Away from what the general public sees today, we spent a long time working to replace outdated and inefficient water treatment systems. Initially, our team constructed a new 150-kilolitre underground concrete tank with internal sections acting as balance and backwash tanks for all the systems at the facility.

A new plant room with state-of-the-art equipment was also created. The 50m pool is serviced by Neptune Benson Defender Regenerative Media Filter. This system was selected as it offers ultra-fine filtration and water and energy savings. New Sand Filters were installed for the Toddler and Learn to Swim Pools. Solar heating and commercial-grade pool blankets were also installed to improve sustainability at the centre.

## AWARDS

Hydrilla entered the completed project into the 2022 Swimming Pool and Spa Association (SPASA) Awards for Excellence in the Commercial Renovation (South Australia) category where it took out Gold, gaining entry to the national awards where it was a finalist.



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