



LOCATION

West Beach, South Australia

CLIENT

Adelaide Shores

CATEGORY

Construction

FEATURES

Zero Depth Splash Pad,
Multiple water features, Water
Treatment System

Splash Zone at West Beach Parks

Big 4 West Beach Parks is a holiday destination attracting families with the wealth of facilities on offer including the Water Play park which opened in October 2013. Designed to cater for toddlers through to teenagers the variety of features is an outstanding example of a modern splash park.

Nestled in the 135 hectare tourism and recreation reserve that is West Beach Parks, the Big 4 Holiday Park offers both a swimming pool and a Splash Park both built by Hydrilla (*then State Wide Pool Services*).

The Zero depth splash pad was constructed in 2013 and is a huge 350 square meters of combined water features and seating for parents to supervise their children enjoying the park.

The Splash Pad was designed with three distinct play zones suitable for all ages and abilities.

- Toddler Zone - featuring low ground sprays, predictable water patterns and low traffic flow
- Kid Zone - featuring more interactive themed features, spiller and water spirals
- Teen Zone - dumping buckets, mega soaker's, water cannons and big spray unit



HYDRILLA

hydrilla.com.au



SPLASH ZONE AT WEST BEACH PARKS

To ensure the safety of children using the splash pad, our skills and expertise in water quality were employed to develop the accompanying water treatment system.

Splash pads have a higher 'per kilo litre' bather load than other types of aquatic facility and therefore are rated 'high risk' by health authorities. Reliable and thorough water treatment is therefore essential and the West Beach Parks Splash Park system delivers. The 350m² splash pad is located in a landscaped compound outside of which sits a small plant room and a specially designed underground poly holding tank. Water is drawn at high rate from this balance tank by pumps located in the plant room where it passes through filtration, chemical dosing and heating systems.

The clean, treated water is then returned to the balance tank. Also located in the plant room are the water feature pumps which draw from the holding tank and send the water direct to the tipping bucket, the sprays and all of the other water features located on the splash pad. The whole system is computer controlled with programmable cycles and fail safes to ensure that system water is in optimum condition ensuring a safe and hygienic environment for splash pad users.



HYDRILLA

hydrilla.com.au