

Case Study

Project: ELCORock® - Milang Foreshore Enhancement
 Date: November 2003
 Client: Alexandrina Council
 Location: Milang, South Australia



The Milang caravan park is a popular holiday destination, for people wanting to enjoy Lake Alexandrina's many attractions. However the existing foreshore protection measures, along the Milang foreshore reserve did not provide easy, safe or aesthetically pleasing access to the lakeside for the holidaymakers. Furthermore rock and concrete structure was in need of major repairs and maintenance.

The local council decided to upgrade the foreshore protection measures and in the process improve the aesthetics and general appeal of the area. The decision was made to provide a nourished beach area, which was to be held in place by a series of groynes. The idea was to improve the amenity for the holidaymakers by providing a safe and user-friendly environment.



Old protection vs. New protection



Completed project February 2004

ELCO Solutions Australia was approached to offer an alternative to traditional rock groynes, as it was felt that the placement of rock would detract from the safe and user-friendly environment the council wanted. A 3-2-1 configuration, consisting of 2152RP containers was agreed upon. This proposal ensured the structure would be stable under wave attack, provide long-term durability and be cost effective.

A total of 410 ELCORock® containers were used to construct the three 25m long groynes. The experienced contractor completed construction of the groynes in 1 week.

The end result is a user friendly, aesthetically pleasing foreshore, which has dramatically improved the lakeside amenity.

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