



## PORT GEOGRAPHE SAND AND SEAGRASS BYPASSING

Port Geographe was built in the late 1990's as part of a larger marina and housing development. As part of this development breakwaters were constructed across the Busselton foreshore to maintain the marina access channel. These breakwaters interrupt the drift of sediment and seagrass along the Busselton foreshore and material accumulates in and on the western side of the marina entrance. In addition this interruption of drift causes down-drift erosion of Wonnerup Beach. In order to minimise the impacts of the breakwater arms on the foreshore drift annual bypassing campaigns are undertaken to move material from the western beach to Wonnerup.

Shore Coastal has been engaged by the City of Busselton from 2009 to 2011 for design, specification and supervision of the bypassing works. This has involved the bypassing of more than 380,000m<sup>3</sup> of sand and seagrass wrack over three successive bypassing campaigns.

