

Breakwater Asset Appraisal

Tweed Heads to Eden, NSW

Background

Detailed breakwater survey analyses were undertaken by NSW Public Works Manly Hydraulics Laboratory (MHL).

Project Scope

Every breakwater from Tweed Heads to Eden (33 sites, 61 individual breakwaters) under Public Works control was surveyed as part of an asset appraisal.

Our Role

Inspections of each breakwater were conducted detailing the condition of the armour, crest and head. The inspections were all conducted within a 12-month period to allow comparative condition analyses to be done.

Outcomes

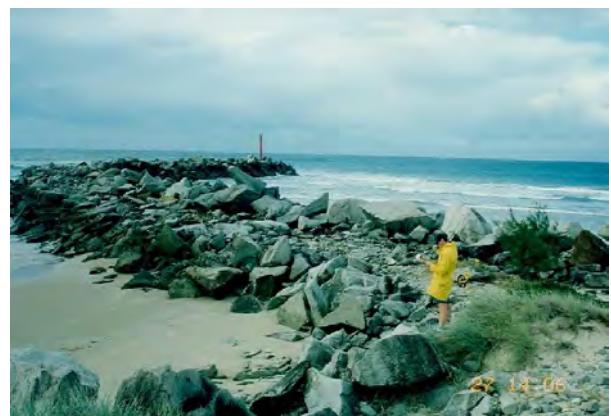
Extensive documentation detailed each breakwater's structural stability and any public safety concerns existing around its use.

Subsequent recommendations were made for maintenance and future upgrading in accordance with each breakwater's physical condition.

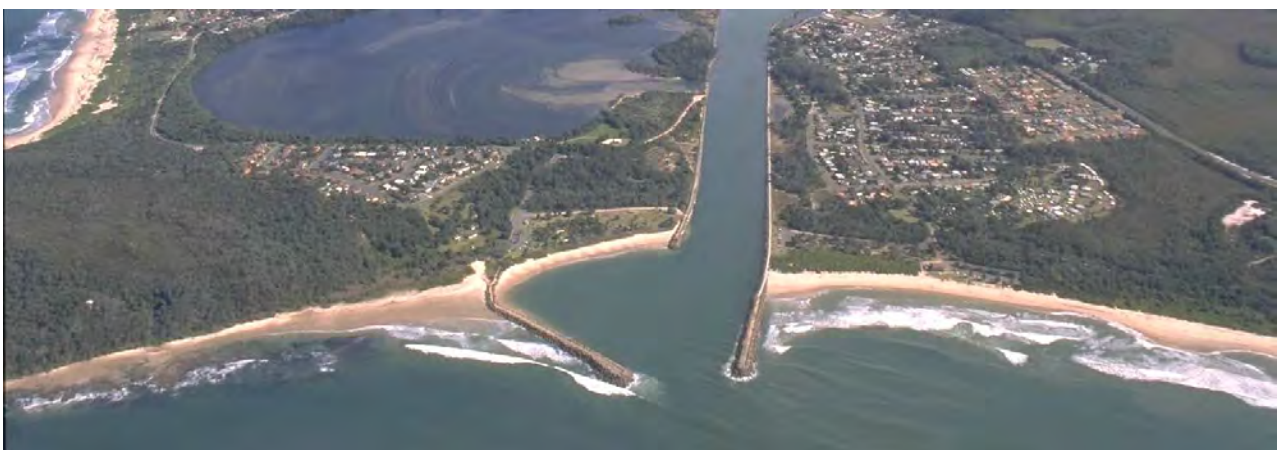
A comparison was also made between the breakwaters in terms of their relative levels of usage, damage and maintenance required.



Coffs Harbour eastern breakwater



Woolli south breakwater field inspection



Camden Haven breakwaters