

Peer Review of Manu Bay Boat Ramp Design and Calculations

Raglan, New Zealand



Image of Manu Bay, Raglan showing the decreased surf zone due to the excavation of the boat access ramp and scour of the north-western side of the breakwater.

INFO:

Location: Raglan, New Zealand

Client: Bloxam, Burnett & Olliver

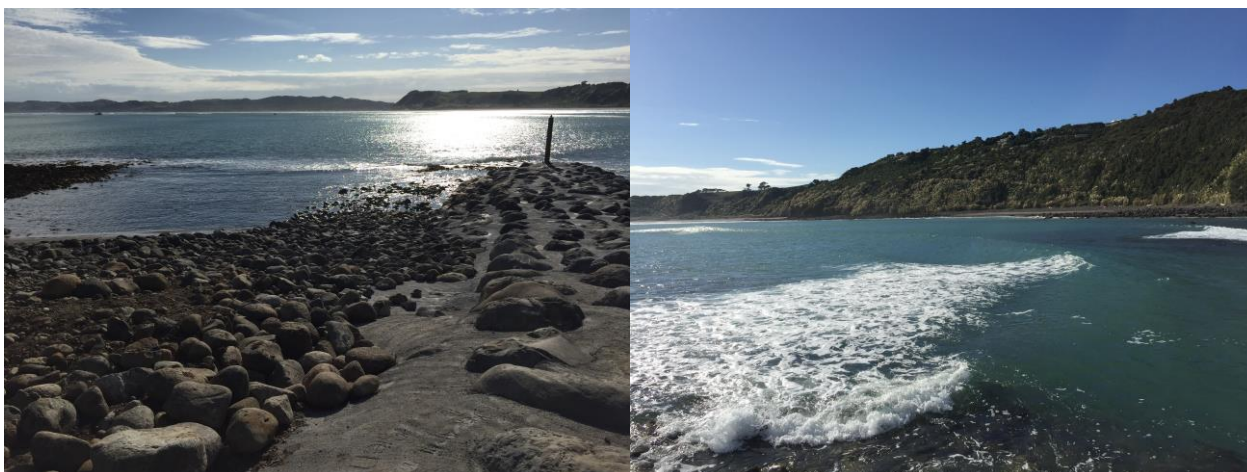
Project Date: 2015

SCOPE OF SERVICES:

- Peer Review of Design/Calculations
- Surf Break Analysis
- Long Term-Impact Assessment

PROJECT DESCRIPTION:

The objective of this project was to peer review the design/supporting calculations to confirm that are appropriate for the subject site, which is a Surf Break of National Significance (NZCPS, 2010) and comment on the long-term impact of the finalised design on the surf break to support consent application according to NZCPS requirements. The outcome of the peer review showed that the environmental impacts of the new design were negligible. Impacts to Manu Bay surf break would be less than minor relative to the old boat ramp.



Left – Scour on north-western side of breakwater. Right – Gap in surfing wave due to increased bathymetry through this section.