



Left -Location map of proposed Rangitahi Bridge. Right – Seagrass monitoring sites.

INFO:

Location: Rangitahi Bridge, Raglan, New Zealand

Client: Raglan Land Company

Project Date: 2018

SCOPE OF SERVICES:

- Environmental Monitoring
- Seagrass Survey
- Data Collection
- Expert Reporting

PROJECT DESCRIPTION:

eCoast Marine Consulting and Research Ltd was commissioned to undertake seagrass surveys that were specified as conditions for the construction of Rangitahi Bridge and the associated causeways (general condition 20). Seagrass monitoring occurred 6 weeks prior to construction and then at 3 monthly intervals during construction in conjunction with core sampling. Post construction monitoring at 1- and 3-year anniversaries is also to occur. The monitoring of the subject site is compared to a reference site in order to provide an indicator of natural variation. Results indicated increased seagrass coverage and density after the second 3 monthly survey.



Left - Sparse and patchy seagrass at Opoturu before construction. Right - Increased seagrass coverage and density 6 months after the construction baseline survey.