

Whakatane Offshore Dredging Disposal Investigations

Whakatane, New Zealand



Aerial images depicting Whakatane heads in 1937 (top) and 2018 (bottom).

INFO:

Location: Whakatane, New Zealand

Client: Harrison Grierson

Project Date: 2017

SCOPE OF SERVICES:

- Literature Review
- Review of Physical Environment
- Marine Ecological Assessment
- Amenity Assessment
- Technical Feasibility
- Expert Reporting

PROJECT DESCRIPTION:

This study presents the findings of a high-level Stage 1 assessment of the feasibility of dredging and offshore disposal of 500-1,000 m³ of material from the Whakatane Heads entrance channel. High-level advice on the overall feasibility of the proposal and potential significant technical issues was considered. Advice on potential dredge spoil locations was provided. Information regarding sediment transport, coastal processes, marine ecosystems and amenity values of the area was collated and analysed. Scientific and technical assessments necessary to support resource consents were advised. Based on the findings of this high-level Stage 1 review, and the knowledge of similar operations around New Zealand, offshore disposal of 500-1,000 m³ of material dredged from the Whakatane Bar is considered technically feasible.