

Report No:	RESC12-03-05
File No:	C351
Date:	6 March 2012
Information only – No decision Required	

REPORT SUMMARY

Report to: Engineering Services Committee
Meeting Date: 15 March 2012
Report Author: Peter Thomson, Engineering Manager
Subject: **Port Motueka Groyne – Jakkett Island Long Term Erosion Management: Draft Practicable Options Report**

EXECUTIVE SUMMARY

The purpose of this report is to provide information on the assessment and refinement of practicable options to manage the erosion experienced along the seaward edge of Jakkett Island, and also to provide an update on Port Motueka Groyne removal and the expenditure on the Jakkett Island Erosion Project to date.

RECOMMENDATION

Staff recommend that the Engineering Services Committee receives this report.

DRAFT RESOLUTION

THAT the Engineering Services Committee receives the Port Motueka Groyne – Jakkett Island Long Term Erosion Management: Draft Practicable Options Report RESC12-03-05.

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Subject: **Port Motueka Groyne – Jakkett Island Long Term Erosion Management: Draft Practicable Options Report**

1. Purpose

- 1.1 The purposes of this report are to provide information on:
- The assessment of practicable options to manage the erosion experienced along the seaward edge of Jakkett Island, progressing options previously identified in the Preliminary Practicable Options Report;
 - The recent consultation with stakeholders;
 - Progress with removal of the Port Motueka Groyne; and
 - An update on project expenditure to date.

2. Background

- 2.1 As Councillors will be aware these issues stem from the Environment Court Interim Decision (ENV-2010-WLG-000080 & 81) in the matter between the Van Dyke Family Trust and the Tasman District Council issued in March 2011. The Court found that the placement of the Port Motueka geotextile groyne structure on the Motueka sandspit by the Council in 1996 has led to the formation of the spit in its present form which in turn, has brought about the erosion on Jakkett Island.
- 2.2 At its meeting on 15 September 2011 the Committee received a report on the Port Motueka Groyne and Jakkett Island Erosion Project and approved the definition of the project problems and objectives.
- 2.3 At its meeting on 8 December 2011 the Committee accepted the nine preliminary practicable options for the project as a basis for stakeholder consultation.

3. Assessment of Practicable Options

- 3.1 Attached is ongoing assessment work by Richard Reinen-Hamill of Tonkin & Taylor Ltd in the form of a Draft Practicable Options Report. This report will remain in draft until after a technical specialists meeting is held on Wednesday 14 March 2012, as there may be matters raised at the specialists meeting that will need to be responded to in the final report.

- 3.2 The report sets out to develop practical physical work options associated either with a new accessible navigation channel or modifications to the distal end of the spit and transfer of sand to rebuild the Jackett Island shoreline. The aim of the option development is to refine potential physical works options to model and to identify opportunities and constraints of the options.
- 3.3 Council's coastal specialist Richard Reinen-Hamill is discussing the assessment approach and modelling of options with the following technical specialists: Professor Bob Kirk (retained by the Van Dyke Family Trust); Gary Teear, Ocel Consultants (retained by the Port Motueka Users group); and Ron Heath an independent interested party who has made himself available to the project at no cost to Council.
- 3.4 Other non-physical works options such as those identified in the Preliminary Practicable Options Report are not included in this assessment, but need to remain as reviewable options to evaluate against any developed physical works options.

4. Stakeholder Consultations

- 4.1 A workshop was held with Port Motueka Users representatives including Gary Teear and Ron Heath in Motueka on 3 February 2012.
- 4.2 A stakeholder meeting was held with Jackett Island and Kina Peninsula landowners in Motueka on 8 February 2012 chaired by the Deputy Mayor. A Port Motueka User Group representative and the Motueka Community Board Chairman were also in attendance.
- 4.3 A presentation of information and preliminary options was made by the Engineering Manager to the Tiakina te Taiao Board on 19 January 2012.

5. Groyne Removal

- 5.1 Consent application for the full removal of the groyne has been applied for and all information issues satisfied. Once the consent is received (as anticipated) then full removal will be constrained between the months of May to August.
- 5.2 Contract documents are being prepared for this physical work so procurement can proceed promptly from early May 2012. Estimates for the cost of this work are also in preparation.

6. Project Costs

- 6.1 Total costs for this project from 1 July 2011 to date currently total \$558,000. This amount includes the Court-awarded costs in the amount of \$189,000. It also includes the costs of the emergency response works; interim protection

physical works and ongoing sandbag wall maintenance; consent costs associated with emergency work/interim work/groyne removal; consultant and sub-consultant investigations, studies, modelling, meetings and reporting; legal fees; staff costs and disbursements.

- 6.2 The approved Annual Plan budget for this financial year is \$150,000. Therefore there has been an unbudgeted overspend of \$408,000 in the year to date required to meet the obligations of the Environment Court Enforcement Orders and awarded costs.
- 6.3 Further costs are still to come this financial year including completion of practicable option investigations and reporting; stakeholder consultations; removal of the existing groyne; ongoing maintenance of the interim works and monitoring, and Court resolution of the further additional costs claimed by the Van Dyke Family Trust totalling \$252,197.
- 6.4 A separate report will be prepared in conjunction with the Corporate Services Manager for presentation to the Corporate Services Committee setting out project costs and possible funding implications for the current and future financial years.

7. Timeline/Next Steps

- 7.1 Staff will arrange further workshops and consultation meetings with stakeholder groups as practicable option assessment work becomes more developed.
- 7.2 Staff will report back to the Environment Court on progress against the programme previously submitted.
- 7.3 Staff will continue to progress work towards reporting back to Council with a preferred option in June. An interim practicable options update will be provided for the next Engineering Services Committee meeting on 26 April 2012. Staff will also consider and report back on the funding implications for Council's Long Term Plan 2012-2022 for identified future works and cost estimates.

8. Draft Resolution

- 8.1 THAT the Engineering Services Committee receives the Port Motueka Groyne – Jakkett Island Long Term Erosion Management: Draft Practicable Options Report RESC12-03-05.**

Appendices

Appendix 1 – Tonkin & Taylor Report: Jakkett Island Long Term Erosion Management Draft Practicable Options Report, March 2012.