

Report to the Landcare Committee
from Graeme Campbell, Project Manager, Flood Protection (Strategy and Assets)

October 1998 Flood Damage Repair : Progress Report

1. Purpose

To update the Landcare Committee on progress of the October 1998 flood damage repair and capital improvement works, last reported to the 30 August 1999 Landcare Committee.

2. Flood Damage Repairs

As noted in the August report, no planned in-stream works will be carried out in any of the rivers, until the end of the trout spawning season in mid October. Effort is focussed on the design of works proposed for construction in this financial year.

Hutt River

Final agreement for the **Manor Park** repairs was reached with the Golf Club and work to construct the debris fences is complete. Placement of rock for the groyne heads will commence in mid October. The photographs in **Attachment 1** show the repair works.

The final design for **Owen Street** is complete and planning for construction, due to start in February, is underway. Officers believe that the works may be constructed under the Council's existing long term operational consent rather than having to apply for a new consent. This matter has yet to be confirmed with the Wellington Regional Council's Consents Management department.

Kapiti

The current trout spawning season has meant that no significant in-stream work on the Kapiti repairs has been undertaken during this month. The main activity has been delivery of the remainder of the construction materials to the **Tracys** site.

3. Capital Improvements

Hutt River

A valuer's report has been received for the Rentokil property, adjacent to the Boulcott stopbank. The valuation is within the budget provided. The strategic issues will be reviewed before an approach is made to the owner and reported back to the Landcare Committee.

Survey of the **Block Road** site along with preliminary design are now complete. Work is proceeding on the detailed design. Construction is programmed for March 2000.

Rock supply (approximately 10,000 tonnes), for the various flood repair and improvement works on the Hutt River, will be negotiated over the next month to ensure delivery meets construction starts.

Waikanae River

Design of the State Highway 1 to Maple Lane works is complete and the resource consent application prepared. A plan of the proposed works is included as **Attachment 2** to this report. At the time of writing we are finalising consultation with affected parties and hope to lodge the consent on 4 October. Twenty-three of the twenty-five affected parties have given written support to the project. The two outstanding sign-offs required are adjacent landowners who are currently away. They will receive direct benefit from the works and no problems are expected.

Tenders for the supply of the rock rip rap for the balance of the Kapiti flood repair and improvement works close on 30 September 1999. Provided there are no tender related issues, an appointment should be made by 5 October 1999. Delivery to the State Highway 1 site will start within two weeks of appointment.

The final payment to Mr J Hand, for raising his house, has been made and all work on the house raising component of the Flood Damage Project is now complete.

Otaki River

Opus Consultants has been appointed to the main Otaki projects (Stresscrete and Mangahanene) and they have commenced work on survey and design. Design will be completed and consents granted by December 1999 and construction will start in February 2000.

Two small floods in mid September 1999 caused further flood damage to the upstream section of the Stresscrete site, just below Chrystalls Bend. The resulting erosion placed the stopbank and haul road at risk. It was first proposed to include the repairs at this location in the main project, however, after a review of the risk it was decided to undertake the repair works immediately. The berm was reconstructed and 1600 tones of rock rip-rap is being placed along the toe of the fill to secure the bank. The repairs to the recent flood damage were funded from the Stresscrete budget; a review of overall budget is now required to establish whether the original extent of work can be completed. The photographs in **Attachment 1** show the repair works being undertaken.

Supply of 1,800 tones of rock rip-rap for the Mangahanene Island project is 50 percent complete. Delivery was redirected to the Stresscrete site, but the Mangahanene complement should be complete by mid October 1999.

4. **Financial**

Generally the project is proceeding to plan and, with the exception of the additional flood damage at Stresscrete, no substantial financial issues have arisen. With the new financial system being commissioned, on-line financial information is not available and therefore a financial summary has not been prepared for this report. Expenditure is relatively low at present since there is only minor physical work being undertaken, with the focus on design and material supply. Engineering estimates for the works designed to date are all within budget.

5. **Communication Opportunities**

A press release will be issued when delivery of rock to the State Highway 1 site starts. This will provide a good opportunity for local papers to run a story on the project.

6. **Recommendation**

That the Landcare Committee receive this report and note its contents.

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Attachment 1 : Photographs of Flood Damage Repairs

Attachment 2 : Waikanae River SH1 to Maple Lane Bank Edge Protection Aerial Plan