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**Committee** Hutt River Advisory Committee  
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## **Hutt River Floodplain Management Plan: Whirinaki Crescent stopbank upgrade design**

### **1. Purpose**

To update the Advisory Committee on progress made with the Whirinaki Crescent stopbank upgrade project.

### **2. Background**

The Whirinaki Crescent Stopbank is located in Heretaunga, Upper Hutt. The existing stopbank is slightly lower than the 1900cumec (1 in 100 year) flood level.

The stopbank protects approximately 180 residential properties. The Mawaihakona Stream, Wellington Golf Club, St Patricks College and 48 residential properties (including St Joseph's Home of Compassion) bound the stopbank land parcel.

The Hutt River Floodplain Management Plan (HRFMP) recommends upgrading the stopbank to a 2300 cumec standard. In September 2004, the Advisory Committee endorsed a preliminary design, programme and budget for the proposed upgrade.

### **3. Preliminary design**

The preliminary design provides for the following works to upgrade the stopbank:

- Upgrading the existing stopbank to the 2300 cumec design level
- Purchasing a strip of land from St Patrick's College to contain the upgraded profile
- Realigning the north east section of the stopbank through the Wellington Golf club land

The preliminary design cost estimate for the project is \$671,000.

#### **4. Wellington Golf Club**

The Wellington Golf Club previously confirmed they would like to realign the stopbank to also protect their proposed “wine glass” development and aim to construct this new stopbank in 2005/06.

In November 2004, we met with representatives of the Wellington Golf Club on site and agreed on an alignment for the stopbank through the Club land. **Attachment 1** shows the proposed alignment in relation to the existing stopbank. Truebridge Callender Beach (TCB) was subsequently engaged to develop a preliminary stopbank design along this alignment.

In January 2005, a draft design report was completed and we are currently reviewing this with the Golf Club. This document will form the basis for agreement between GWRC and the club over the final stopbank design, construction, and cost sharing.

#### **5. Land negotiations**

As part of the preparation of the preliminary design, initial discussions were held with representatives of the three major adjacent landowners. Upper Hutt City Council (UHCC), Silverstream College Board of Proprietors and the Wellington Golf Club.

Given UHCC own the existing stopbank land parcel, it is proposed that this land and any purchased land remain in UHCC ownership with an easement granted to GWRC for flood protection purposes. We are currently drafting an agreement on the land ownership and each council’s role for the project.

The upgraded stopbank profile requires a strip of land to be purchased from Silverstream College and a small area from the St Joseph’s Home of Compassion. The Silverstream College Board of Proprietors indicated that they are willing to sell the required land to GWRC. We aim to reach a formal agreement to purchase the strip of land with the Board of proprietors by June 2005. We also plan to commence negotiation with St Joseph’s at this time.

We are currently working with the Wellington Golf Club to finalise an agreement for the realignment of the stopbank through their land. It is proposed the land under this section of stopbank will remain under Golf Club ownership with an easement granted to GWRC for flood protection purposes.

#### **6. From here**

This financial year we plan to finalise land agreements with UHCC, Silverstream College and Wellington Golf course and also a cost sharing agreement with the Golf Club. A preliminary landscape design for the main stopbank will also be completed.

In 2005/06 we plan to consult with the residents, finalise the design, obtain resource consents for the main stopbank and construct the golf club stopbank.

In 2006/07 we aim to construct the main stopbank upgrade.

## **7. Communication**

There are no direct communications with the community required as a result of this report. Once the preliminary landscape plan is complete, we will consult with the community on the project.

## **8. Recommendations**

*That the Committee:*

- 1. receive the report*
- 2. note the contents of the report*

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### **Attachment 1: General Layout Plan**