

Report 11.254
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Committee Hutt Valley Flood Management Subcommittee
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Hutt Valley Floodplain Management Project Manager's Report

1. Purpose

To update the Subcommittee on progress made with implementing the Hutt Valley flood management projects.

2. Significance of the decision

The matters for decision in this report do not trigger the significance policy of the Council or otherwise trigger section 76(3)(b) of the Local Government Act 2002.

3. Background

Greater Wellington is currently implementing a number of flood protection projects in the Hutt Valley. Implementation of the HRFMP began in 2001 and is progressing well. A number of stopbank and river alignment projects including the Ava to Ewen project have been completed. A plan change to include the Hutt River flood hazard information in the Hutt City district plan was also completed.

The urgent channel widening works in the Waiwhetu Stream are complete and the preparation of a floodplain management plan is progressing.

The key projects currently underway are detailed below and where projects have been reported separately in this order paper that report has been referenced.

4. Boulcott/Hutt stopbank project

On 24 May 2011, the Boulcott/Hutt Project reached a major milestone with GW approving the land entry agreement with the Boulcott's Farm Heritage Golf Club and accepting a tender from Goodman Contractors Limited to construct the Boulcott/Hutt stopbank. The stopbank works are scheduled for completion by September 2014.

Most of the stopbank is located on land owned by the golf club. The golf club has agreed to provide access from Harcourt Werry Drive to construct the northern part of the stopbank – Stellin, Kingston and Allen Streets will not be used. Military Road will be used for construction vehicle access and to transport stormwater pipes and drainage materials to the site. **Attachment 1** shows the construction access routes and work areas.

The following table shows the proposed construction sequence.

Description of work	Timing
Safeway section of the stopbank and Connolly Street realignment. Interim course preparatory works Low bund	May 2011 to Sep 2012 Works within the golf course will be from Oct 2011 to March 2012
Main stopbank from Connolly Street to 17 th hole Golf course reinstatement works	Oct 2012 to Sep 2013
Northern section of the stopbank Golf course reinstatement works	Oct 2013 to Sep 2014

All stopbank works and the low bund described in the above table are included in the stopbank contract awarded to Goodman Contractors Limited. The proposed works programme for 2011/12 are described in report 11.250. The contract for the interim course preparatory works and the course mitigation works are currently being prepared.

5. Bridge Road erosion protection works – Upper Hutt

Erosion protection works at Bridge Road are now complete and will substantially reduce the erosion risk to Bridge Road and adjoining residential properties. Five rock groynes were constructed on the true right bank; the river channel was also shaped to the design channel alignment.

The works were constructed in May 2011 by GW operational staff using hired plant, and involved:

- The placement of 180 concrete blocks, and 1,570 tonnes of B and 1,470 tonnes of C grade rock.
- Shaping of 130 metres of the river channel to achieve the design channel.
- Placing boulder riprap on the true left bank to provide low level protection to the bank edge.
- Improving the area on the true left bank by removing old willows, shaping the bank edge, reforming the river trial, and planting 300 natives.

The supply of the Rock Rip Rap was tendered out with John Ray LTD winning that contract and supplying the rock from Ohakune.

6. City Centre Reach of the Hutt River

GW and HCC staff are continuing to work with the Waimarie Croquet Club to assist in relocating to the Taita Bowling Club site. The overall cost of relocation is likely to be in the order of \$400,000 to \$500,000. The cost estimates are currently being reviewed by a consultant.

Construction of the City Centre stopbank is scheduled for the four year period from 2015 to 2019. Although it is preferable for the club to vacate the site before commencing construction, there is some flexibility in the programme to accommodate the club in the current location for up to 2 more years to 2017.

Flood Protection staff are also working with HCC staff on options for coordinating the Flood Protection Work and the Melling Bridge replacement. This coordination may assist in increasing the priority of the project with NZTA.

7. River Works Agreement

GW officers, working with NZTA officers, prepared an outline agreement in October 2010 to renew the existing River Works Agreement (RWA). NZTA has now advised us that they do not wish to enter a new RWA as proposed. Officers will continue to work with NZTA to agree on acceptable solution and funding mechanism for the maintenance of the river from Silverstream to Maoribank. GW staff believe that this reach of the river corridor should be maintained as a NZTA/GW joint venture as valuable assets of both parties are located in the river corridor and a coordinated approach is required.

The proposed Ebdentown works are dependant on NZTA providing funding and has been delayed until an agreement is finalised.

NZTA is currently investigating the feasibility of GW extending the SH2 median barrier from Whakatikei to Maoribank. GW has advised NZTA that these works are linked to the land ownership and river maintenance issues. GW will be seeking to resolve all of the issues together.

8. Upper Hutt City Plan change 15

The attached Upper Hutt City Council Report provides an outline of the proposed Plan Change 15 to the UHCC District Plan. The intent of Plan Change 15 is to include the Hutt River and Mangaroa flood hazard information in the District Plan with associated rules and changes to the planning maps.

Staff from both Council's have worked together to achieve this significant milestone. GW staff will continue to support Plan Change 15 through the RMA process.

Note: This report is on the agenda for the Upper Hutt City Council Policy Committee on the 22 June 2011. A verbal update on the approval or otherwise of the report will be given at the meeting.

9. Waiwhetu Stream

Progress continues with development of the Waiwhetu Stream Floodplain Management Plan. Time taken to prepare supporting material for the next workshops have added 1 month to the project time frame, and brought forward work on developing the Environmental, Identity and Amenity portion of the FMP.

Community Workshop Timeframe Amendments;

- June - Environmental, amenity and stream identity
- July - Options packaging workshops
- August - Options packages meeting with joint community groups
- August/September - CDEM and Community resilience workshops
- August/October - Consultants engaged to refine packages and improve technical detail

Waiwhetu Project Ecological Enhancement Stage 2

Downer NZ have been appointed as contractors to carry out stage 2 of the planting for the Waiwhetu Stream project. This stage of planting will see the areas on top of the banks planted with over 11,000 plant species. In addition to these contracted works, it is anticipated that a community led planting event will take place in August. Details are being finalised for stream furniture, including Waka benches and Waka tuna structures, and installation of these will be spread between stage 2 and the upcoming stage 3 in 2012. A separate report detailing these works is included in this order paper.

10. Pinehaven floodplain management

GW and UHCC staff are continuing with Phase 2 of the Pinehaven Stream Flood Hazard Assessment, which is the options assessment stage. A range of options are currently being finalised by the consultant under supervision of GW and UHCC staff, to be presented to flood protection staff in July. These options are expected to include structural and non structural measures and will be refined as required. Once they have been finalised and assessed based on an agreed criteria they will be presented to the respective councils before being brought to the public for consultation.

11. Gravel extraction

Hutt River

Resource consent to permit the wet extraction of gravel from the Hutt River was lodged in April. The application was made 6 months prior to expiry of the consent and ensures that this activity can continue should the application not be granted by the resource consent expiry date.

A decision on notification has not yet been made by the Consenting Authority but we expect the application to be non-notified. Written approvals have been

received from the Department of Conservation, and we expect to receive approvals from both Fish and Game New Zealand and Iwi shortly.

The agreement with our existing gravel extraction contractor expires at the end of June 2011. Staff are currently meeting with the key industry players in the western region industry to ascertain their interest so that a short and medium term gravel management strategy can be prepared.

Hutt River mouth

A set of proposed conditions have been drafted and circulated to submitters. Staff are meeting with each submitter to discuss these conditions and will endeavour to resolve all issues raised by submitters through appropriate consent conditions to avoid a formal hearing. Friends of Petone Beach have withdrawn their submission upon receipt of the proposed conditions.

Commercial negotiations with Winstone Aggregates are in principle complete subject to the acceptance of resource consent conditions.

12. Communication

Communication initiatives including newsletters and meetings with residents and other stakeholders are in place for all projects. Most of the major projects receive wide publicity through the local press. No general publicity regarding the projects is proposed.

13. Recommendations

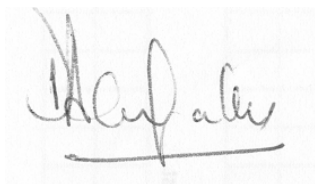
That the Subcommittee:

1. *Receives the report.*
2. *Notes the content of the report.*

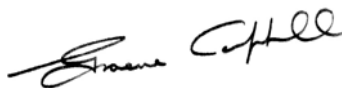
Report prepared by:

Report approved by:

Report approved by:



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Graeme Campbell
Manager, Flood Protection

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Attachments:

1. Boulcott/Hutt construction layout plan
2. Proposed Plan Change 15 – Flood and Erosion Hazard Areas

Appendix:

1. Proposed Plan Change 15 – Flood and Erosion Hazard Areas Section 32 Analysis