



Report **06.39**
Date 16 March 2006
File N/03/17/05

Committee **Hutt River Advisory**
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Hutt River Floodplain Management Plan: Ava to Ewen project update

1. Purpose

To update the Advisory Committee on progress made with implementing the Ava to Ewen Project.

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

Construction of the Ava to Ewen works commenced in Jan 2004 with the Strand Park river realignment. The project is progressing well and is on track for completion as scheduled by 2010.

The project will be implemented in 4 stages. Stage 1, the river realignment, commenced in January 2004 and was completed in May 2005. Stage 2, the Alicetown stopbank upgrade, commenced in September 2005 and is now almost complete. Stage 3 includes the construction of the Opahu Stream Pumping Station (underway - commenced in January 2006) and the upgrade of the section of stopbank under the Ava Rail Bridge. The design of the Ava Rail section of stopbank and Strand Park stopbank upgrade (Stage 4) is underway.

4. River Realignment Contract

The Strand Park river realignment works were completed in May 2005. Excell Corporation is responsible for maintaining the landscaping and planting works of this contract. The maintenance period expires at the end of June 2006. Some of the plants have died due to unintentional use of weed spray and a prolonged dry period. Excell will replace these plants in July / August 2006.

5. Alicetown Stopbank Upgrade

Work started on this stage of the project in September 2005 and is now substantially complete. The works involved upgrading four stormwater lines, construction of temporary bunds, stripping back the main stopbank and reconstructing to a new alignment. The Contractor is currently forming up the footpaths, completing the stormwater and tidying up the works.

As part of these works two concrete walls were incorporated at each end of the stopbank proper. A concrete wall was required at the Ewen Bridge end to avoid reworking of the recently constructed stopbank (1994) and to save waterway area. The wall at the Ava Bridge end was required to minimise extra loading on the trunk sewer.

Status of work

At the end of February 2006 the stopbank had been constructed along the new alignment, with four stormwater sewer lines upgraded underneath it. Preliminary landscaping works have been undertaken with the planting and grassing to be undertaken after the stopbank structure has been finished.

As part of these works 7 new fences were constructed on the boundary between adjacent property owners and Greater Wellington. We have asked for a contribution from the adjacent property owners of \$50 per metre for the construction of the fences.

A short length of sewer pipe, part of the new Ava to Barber Grove rising main, was also placed under the reconstructed stopbank. It was included in the stopbank upgrade project for ease of construction and to avoid any duplication of set up costs.

Excell Corporation's stormwater finishing works is slower than expected. However, we expect all structural works to be completed well before the structural works completion date of 31 May 2006.

Programme

The main activities still to be completed under the contract are as follows:

- Replacement of furniture including handrails
- Topsoiling, grassing and finishing of the stopbank
- Clean up and removal of rubbish
- Landscaping, and planting of beds at the residential boundaries and in a river side planting bed (programmed for autumn 2006).

Alicetown Community

A water cart was used frequently to reduce dust however there were some complaints about excessive vibrations. Two properties were inspected and referred to insurers for possible remedial work. Access to two properties at the end of Montague Street was partly affected over the Christmas break due to delayed stormwater works. A meeting was held with the Montague Street residents on 24 January 2006 to resolve their issues.

6. Opahu Stream Pumping Station

The Opahu Stream pumping station, and associated works, is the first part of stage 3 of the Ava to Ewen project. This is a joint project between GWRC and Hutt City Council. The contract for civil works of this project was let to Juno Civil Construction. Construction works commenced in January 2006 and are progressing well.

The Contract includes civil works for the pumping station, installation of outlet pipes, extension of the existing culvert, reconstruction of about 100m of stopbank and placing about 2,100 tonnes of rock rip rap on the river bank and around the outlet structure.

The contractor is currently working on the inlet structure for the pumping station and placing rock rip rap. By the end of February 2006, the Contractor had supplied 1,330 tonnes of rock rip rap to site and placed 1,000 tonnes. The rock is being sourced from the Tinui Quarry in the Wairarapa.

7. Ava Rail and Strand Park Stopbanks

Opus International Consultants are currently working on the detailed design of the Ava Rail and Strand Park stopbanks. We expect the detailed design to be completed and tender documents for Ava Rail stopbank to be ready by June 2006.

8. Communication

Attachment 1 is a copy of the joint GWRC/HCC newsletter distributed to Woburn and Moera residents in January 2006 providing details of the Opahu Stream pumping station. We expect to distribute another newsletter to Alicetown residents by the end of March 2006 providing details of planting works.

9. Recommendations

That the Committee:

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

Report prepared by:

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Engineer

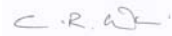
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Attachment 1: New Pumping Station at Opahu Stream: Issue 1 – January 2006