



Report 10.68
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Committee Catchment Management Committee
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Waikanae Floodplain Management Plan 10 year review – Summary Report and Consultation Strategy

1. Purpose

To update the Catchment Management Committee on progress made with the Waikanae Floodplain Management Plan 10 year review and seek endorsement for the consultation strategy with interested groups and the general public.

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

The Waikanae Floodplain Management Plan (WFMP), completed in 1997, recommends structural and non-structural measures to reduce the flood risk to the community. Greater Wellington has adopted a 40 year time frame to fully implement the WFMP with reviews proposed every 10 years.

The purpose of the first 10 year review is to evaluate the performance of the WFMP to date and assess whether there is any need to change the outcomes and implementation process.

The proposed scope, process and timeframe for the 10 year review of the WFMP were previously detailed in Report 09.04 and a progress report (Report 09.287) was provided to the committee on 11 June 2009.

4. WFMP Review– Progress

The review is being undertaken in 2 stages. Stage 1 includes reviewing the hydrology and hydraulics of the Waikanae River and evaluating the effectiveness of the completed structural, river management and non-structural measures contained in the FMP. Stage 2 involves a detailed analysis of the outcomes from Stage 1 to determine whether there is any need to change the methods and procedures for implementing the WFMP.

Stage 1 of the review has been completed with the production of an outcomes document.

Stage 2 has progressed to the stage where a summary report of the outcomes has been completed as detailed in Attachment 1 and consultation with interested and affected parties will commence as detailed in Attachment 2.

5. Key Findings of Stage 1 of the WFMP review

Overall good progress has been made in implementing the WFMP in the last 10 years and the project is on track for completion by the target date of 2040. By June 2009, the structural measures of the WFMP were 44% complete providing 68% benefits in terms of total damages saved. Significant progress has also been made with the non-structural measures proposed in the plan. Kapiti flood hazard information has been included in the Kapiti District Plan and updated as required. Free advice on flood hazards has been provided to the public on an ongoing basis.

A summary of the findings are detailed in Attachment 1 of this report.

6. Issues for Consultation

Key issues to be considered in the consultation phase of the review include:

- How we deal with climate change and how this impacts on structural works and development in floodplain.
- Providing improved (2 dimensional) hydraulic modelling of the floodplain.
- Amending the district plan to further control the development in the floodplain by increasing the permitted floor level from 50 year to 100 year. Also confirming how to deal with development in flood risk areas that would flood in a greater than 100 year event.
- Confirm priorities for proposed flood mitigation measures.
- Gravel aggradation in the tidal and coastal marine reaches.
- Upper catchment erosion control.

- River mouth management.
- River corridor land purchase.
- Improving environmental outcomes with flood mitigation methods.
- Priorities for environmental enhancement.
- Public Awareness/Community preparedness.

7. Programme

The revised programme is as follows:

Waikanae FMP review	Task	Completion date
Stage 1	Review and evaluate the existing FMP	Completed
Stage 2	Analysis, consultation and reporting	June 2010
Stage 3	Implementation of agreed changes	To be agreed

8. Communications

Formal consultation on the WFMP review will commence with KCDC, Iwi, Waikanae Friend of the River, organisations, resident's groups, affected landowners and the wider public, as detailed in Attachment 2.

9. Recommendations

That the Committee:

1. *Receives the report.*
2. *Notes the contents of the summary report*
3. *Endorses the consultation strategy.*

Report prepared by:

Report approved by:

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Attachment 1: Waikanae Floodplain Management Plan 10 year review – Summary Report