

**WAIOHINE RIVER MANAGEMENT SCHEME
ASSET MANAGEMENT PLAN**

**PERFORMANCE STATEMENT
2007/2008**

1. Financial

- Deferred asset maintenance requirements not to exceed \$50,000.
Further strengthening of some Rock Groynes is required. Weed control required on Van den Bosch and Wong Stopbanks. Deferred maintenance cost totals \$18,600.

Criteria satisfied

- The Scheme is not to incur or carry financial deficit without prior Council approval.
The scheme ended the financial year with a combined reserve balance of approx. \$430,016 surplus.

Criteria satisfied

- Average flood damage expenditure not to exceed 20% of the total scheme expenditure over a five year period.
No flood damage was incurred during this financial year. This is the final year of this five year reporting period, giving a cumulative total flood damage expenditure of \$230,600. The total scheme expenditure for the last 5 years was \$1,347,250 and \$269,450 is 20% of the total expenditure which satisfies criteria by \$38,850.

*5 yearly criteria -
Criteria satisfied*

2. Stopbanks

- Stopbank flood capacities to be reviewed and compared to design flood capacity.
Stopbanks are generally condition rated at 2 and 3 although apart from the Waiohine and Fullers Bend Stopbanks which are built to a 1 in 100 year return period (1700m³/s) the others are of older construction therefore the return period standards to which they were built is no longer applicable. A new stopbank system for the Waiohine is currently being investigated which will upgrade or replace the existing older banks.

*5 yearly criteria – satisfied
To be reviewed in 2012/2013*

- 0 % (<10%) of the stopbank length has a condition rating of 4 or 5.
Criteria satisfied
- No more than 10% of the total stopbank length to have a berm width of less than 20 metres.

Length of Waiohine River Stopbanks as per asset register for 2007/2008 totals 13.2km and of these 1.98kms have a berm of less than 20 meters. This equates to 15% which is greater than the required 10%. Works are programmed annually to re-establish berm width and create a buffer zone. This work involves the use of rock protection and willow tree planting.

Criteria not satisfied

- As-built stopbank formation levels to be repaired within 3 months of being reported. Major damage to be repaired within one month of being reported. Grass cover to be repaired within 3 months of bare patches being reported. Rabbit hole and subsidence to be repaired within 1 month of being reported. Trees and scrubs on stopbanks to be removed within 3 months of being reported.
- No reported damage to stopbank during the last financial year.*

Criteria satisfied

3. Channel Fairway

- No less than 80% of the active channel length to be within the designated channel fairway.
Of the total channel length of 16kms from Van den Boschs to Confluence 2.55kms (16%) is outside of the design channel fairway. Therefore 84% of active channel lies within the design channel.

5 yearly criteria – satisfied

To be reviewed in 2012/2013

- Proportion of the defined channel fairway covered with scrub or tree re-growth not to exceed 5% of the total fairway area.
35.6ha of vegetation lie within the design fairway of 182ha. This equates to 19.5% vegetation cover within the fairway.

5 yearly criteria– not satisfied

To be reviewed in 2012/2013

4. Buffer Zone

- No more than 10% of the length of the river banks to be subject to active bank erosion.
1.6 km of the river banks were subject to active bank erosion out of a total length of 32 kilometres. This equates to 5% which falls within the 10% range. Working to the design channel alignment, combined with no floods has had a large impact on reducing the percentage down from 8.3% last year. Ongoing works programme addresses this damage annually.

Criteria satisfied.

- No more than 5% of the designated buffer zone area of 110 hectares to be lost to river erosion.
Buffer zone area has been reviewed by G. Williams in 2004 to now total 135 hectares. This reviewed buffer area totalled 91 hectares in 2001 and now totals 116 hectares for 2008. This vegetation cover (i.e shrub and trees) has increased by 25 hectares or 22%.

*5 yearly criteria – satisfied
To be reviewed in 2012/13*

- The maintenance of a planted (by lopping & re-planting) buffer zone area of at least 20 hectares.
Ongoing planting of willows each year is increasing the 20 hectare requirement.

*5 yearly criteria – satisfied
To be reviewed in 2012/13*

- Heavy rock protection structures to be repaired within three months.
Criteria satisfied
- Stock exclusion fences to be maintained in satisfactory condition.
Criteria satisfied

5. Environment

- River management practices to conform to the Regional Freshwater Plan, Regional Soil Plan, and Scheme Resource Consent conditions.
Compliance rating – Mainly complying as per Resource Advisors, Compliance Inspection Report (4th June 2008)
Criteria satisfied

6. Consultative

- Annual reports, Scheme financial statements, and works programmes to be adopted at Advisory Committee meetings.
The above was presented to the Waiohine/Mangatere River Scheme Advisory Committee at the annual meeting held on 5th May 2008.
Criteria satisfied
- Confirm ratepayer satisfaction at ratepayer meetings.
Ratepayer satisfaction as per minutes of last Scheme meeting held in May 2008.
Criteria satisfied
- Annual rates, annual reports, and Scheme reviews to be approved by the Council.
Criteria satisfied
- Consultation with the Department of Conservation, Wellington Fish and Game Council, and Tangata Whenua to be undertaken consistent with Scheme Resource Consent requirements.
All conditions of Resource Consent were met including River Morphology Monitoring Report.
Criteria satisfied

7. Overall

- Obtain Council endorsement of Scheme management approach in internal 5 yearly reviews.
This review has not been undertaken. Annual Scheme reports are presented to Scheme Advisory Committee members and to date this committee has not indicated or requested a review of current work practices.
5 yearly criteria – Not satisfied
Next applicable until 2012/13

- Endorsement of Scheme maintenance standards when the Scheme is inspected as part of the annual peer review process for Wairarapa river management practices.
A peer review inspection was completed in the 2006/07 financial year.
2 yearly criteria – Criteria satisfied
Next applicable in 2008/09

SCHEDULE OF SUPPORTING DOCUMENTATION

Minutes of Advisory Committee Meetings.
Annual scheme reports & financial statements.
Completed and proposed works programmes.
Updated Asset Register, and the Financial Projections for the next 10 years.
Log of inspections, repair requirements, and remedial works.

Prepared by:

Graham Reidy
Scheme Manager

.....

Approved by:

Mike Longworth
Team Leader, Flood Protection (Wairarapa)

.....

Approved by:

Graeme Campbell
Manager, Flood Protection

.....

Date:.....