

LOWER WAIRARAPA VALLEY DEVELOPMENT SCHEME

ASSET MANAGEMENT PLAN

PERFORMANCE STATEMENT 2001/02

1. Financial

- Deferred asset maintenance requirements not to exceed \$100,000 in any year.

Current deferred maintenance is \$20,000.

Criteria satisfied

- Scheme not to incur or carry financial deficit without Council approval.

The scheme reserve balance is \$1,203,825.

Criteria satisfied

- Average flood damage expenditure not to exceed 20% of the total Scheme expenditure over a five year period.

Not applicable.

5 Yearly Criteria- Not applicable until 2002/03

2. Stopbanks

- Flood capacity of major stopbanks to be reviewed and compared to design flood capacity.

Not applicable.

5 Yearly Criteria- Not applicable until 2002/03

- 0% (<5%) of the stopbank length has deferred maintenance.

Criteria satisfied

- 10.2% (>10%) of the stopbanks have a berm width of less than 10 metres. *The length of stopbanks having a berm width of less than 10 metres is slightly more than the target. Most of these stopbanks are on Ruamahanga River below the Barrage Gates. These stopbanks are mostly vulnerable to wave erosion, and a long-term programme is in place to address it.*

Criteria satisfied

- As-built stopbank formation levels and dimensions to be restored within 3 months of minor surface damage being reported, and within 1 month of major surface damage being reported. Grass cover to be restored within 3 months of bare patches being reported. Rabbit hole and subsidence damage to be repaired within 1 month of being reported. Trees and scrub on the stopbank to be removed within 3 months of being reported.

Some of the stock damaged stopbanks have been repaired by the landowners concerned, but some damage needs to be attended to.

Criteria not satisfied

3. Heavy bank Protection

- Repairs to damaged heavy bank protection structures to be carried out within the same financial year.

There was no damage to heavy bank protection structures this year.

Criteria satisfied

4. Vegetation Buffer Zone

- 0.75% (<10%) of the length of riverbanks was subject to active bank erosion.

Criteria satisfied

- No more than 5% of the designated buffer zone area to be lost to river erosion.

Not applicable.

5 Yearly Criteria- Not applicable until 2002/03

- Stock exclusion fencing to be maintained in satisfactory condition, and landowners to be prevented from grazing buffer zone areas.

Criteria satisfied

5. Fences

- 1.65 km (<2km) of boundary fence was renewed.

Funds diverted to more urgent work. Although a target of 2km is set, this item is not critical.

Criteria not satisfied

6. Floodway Sills

- As-built sill formation level to be compared to design level.

Not applicable.

5 Yearly Criteria- Not applicable until 2002/03

- Deferred maintenance requirement to be nil.
No deferred maintenance work.

Criteria satisfied

- As-built sill formation level to be restored within 1 month of damages being reported. Grass cover to be restored within 1 month of bare patches being reported. Rabbit hole and subsidence damage to be repaired within 1 month of being reported. Trees and scrub on the sill to be removed within 3 months of being reported. Scouring upstream and downstream of the sill to be repaired within one month of being reported.

Scouring at Hikunui Sill was repaired with rock within 1 month

Criteria satisfied

7. Ducksbill

- The “Ducksbill” to be inspected every six months, and after each major flood, and damage to the mattresses and baskets to be repaired within 3 months.

Criteria satisfied

- Damaged reinforced grass to be repaired within 1 month of bare patches being reported.

Criteria satisfied

- Deferred maintenance to be nil.

Criteria satisfied

- The Reno mattresses to be kept free of vegetation, and the grass on the batter slopes and berm to be mowed regularly and maintained in a healthy state.

Criteria satisfied

8. Culverts and Floodgates

- All floodgates and culverts to be inspected annually for diameters greater than 600 mm, and once every three years for diameters less than 600 mm.

Criteria satisfied

- Floodgate damage and culvert blockages to be repaired within 1 month, and external reports of damage to be responded to within 10 working days.
Number of culverts need cleaning & repair.

Criteria not satisfied

- A structural assessment of large floodgate structures to be undertaken, including visual inspection of the culvert interior.

5 Yearly Criteria- Not applicable until 2002/03

9. Grade Control Structures

- Deferred maintenance requirement to be nil.
Repairs to Manganui Rock Ramp Grade Control structures Number 1 & 2 have been partly carried out. More rock needed. Rock for No. 5 has been procured & repairs scheduled for the next year.

Criteria not satisfied

- Rail and timber grade control structures to be inspected annually and damages to be repaired within 3 months.

Criteria satisfied

- Reinforced concrete grade control structures to be inspected five yearly and damages to be repaired within 3 months.

5 Yearly Criteria- Not applicable until 2002/03

10. Barrage Radial Gates

- Control House Telemetry to be inspected six monthly with repairs effected within 1 month.
Inspections and maintenance were carried out by Hydrology Section within above time limits.

Criteria satisfied

- The lifting/lowering mechanism to be inspected six monthly with repairs to be effected within 1 month.
Inspected once, and repairs carried out. The ropes need a closer inspection by a specialist. Motor and breaking system maintenance has been programmed over 2002/03.

Criteria satisfied

- General inspection of the Barrage, control joints, and abutments to be carried out annually with maintenance scheduled for the following year.
The control room needs major maintenance work to make it damp proof. This work will be done in 2002/03 summer, subject to availability of funds.

Criteria satisfied

- Radial Gates to be inspected five yearly and any painting requirements to be scheduled for the following year.
Gates visually inspected. There are number of corrosion patches visible. A more thorough inspection by the paint supplier is needed, and will be carried out in 2002/03 summer.

Criteria satisfied

- The channel to be inspected for any blockages after major flood events, and the maintenance requirements to be scheduled for the following year.

No major flood events - Not applicable

- The structure to be thoroughly examined for any earthquake damage.
*No major earthquakes -
Not applicable*

11. Environment

- River management practices to conform to Regional Freshwater Plan, Regional Soil Plan, and Scheme Resource Consent conditions.
Criteria satisfied

12. Consultative

- Annual reports, Scheme financial statements, and works programmes to be adopted at Advisory Committee meetings.
Criteria satisfied

- Ratepayer satisfaction to be gauged at Ward meetings.
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.
Criteria satisfied

13. Overall

- Council endorsement of Scheme management approach to be obtained in 5 yearly reviews.
5 Yearly Criteria- Not applicable until 2002/03

- Scheme maintenance standards to be endorsed as part of the annual peer review process for Wairarapa river management practices.
The northern river schemes assets were inspected as part of the peer review this year. Lower Valley Scheme assets would be inspected next year.
Criteria satisfied

SCHEDULE OF SUPPORTING DOCUMENTATION

Minutes of Advisory Committee Meetings.
Minutes of Ward meetings.
Annual scheme reports & financial statements.
Completed and proposed works programmes
Updated Asset Register, and the Financial Projections for the next 20 years.
Log of inspections, repair requirements, and remedial works.
Peer Review Report.

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