

LOWER WAIRARAPA VALLEY DEVELOPMENT SCHEME

ASSET MANAGEMENT PLAN

PERFORMANCE STATEMENT

2006/07

1. Financial

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

There is no deferred maintenance.

Criteria satisfied

- Scheme not to incur or carry financial deficit without Council approval. *The scheme reserve balance is \$874,743 and the Major Flood Recovery Fund balance is \$473,935.*

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 2007/08

2. Stopbanks

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

Not applicable.

5 Yearly Criteria- Not applicable until 2007/08

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

Criteria satisfied

- Not more than 10% of the stopbanks to have berm width of less than 10 metres.

This criterion has being reviewed as part of the LWVDS Review. A number of high-risk areas have been identified, and banks in those areas will be either protected by boulder groynes or by stopbank set back. In other areas where the risk is low, the banks will be protected primarily by vegetation, and if it becomes necessary, by boulders. There are no plans to increase the berm width in these low risk areas.

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.

Major upgrade of Hikunui sill and upgrade of Awaroa sill to a lesser degree have been carried out after July 06 floods. Also several stopbanks damaged during the flood have been repaired. Eight locations of the stopbank damaged by stock remain to be repaired by the landowners.

Criteria partially satisfied

3. Heavy bank Protection

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

Damage to rock & boulder protection structures, after July 06 floods, are repaired.

Criteria satisfied

4. Vegetation Buffer Zone

- Less than 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 2007/08

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

Stock exclusion fences maintained satisfactorily.

Criteria satisfied

5. Fences

- 2.3 km (>2km) of boundary fence was renewed.

Criteria satisfied

6. Floodway Sills

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

Not applicable

5 Yearly Criteria- Not applicable until 2007/08

- Deferred maintenance requirement to be nil.

No deferred maintenance work.

Criteria satisfied

- As-built sill formation level to be restored within 1 month of damage 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.

Both sills at Hikunui & Awaroa have been upgraded and all repairs carried out.

Criteria satisfied

7. Duckbill Structure

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

Repairs and major extension to the “Duckbill” structure carried out after July 06 flood damage.

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.

All floodgates inspected

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. *The culvert at the bottom end of Upland Cut-off was replaced with a new culvert. Some critical culverts were cleaned & repaired, however 12 culverts/floodgates still need cleaning & repairs, and have been scheduled for next year.*

Criteria partially satisfied

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

Not applicable.

5 Yearly Criteria- Not applicable until 2007/08

9. Grade Control Structures

- Deferred maintenance requirement to be nil.
Simmonds drop structure repairs are completed. No deferred maintenance.
Criteria satisfied
- Rail and timber grade control structures to be inspected annually and damages to be repaired within 3 months.
No deferred maintenance. Some redundant rails to be removed during summer.
Criteria satisfied
- Reinforced concrete grade control structures to be inspected five yearly and damages to be repaired within 3 months.
Not applicable
5 Yearly Criteria- Not applicable until 2007/08

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.
Criteria satisfied
- The lifting/lowering mechanism to be inspected six monthly with repairs to be effected within 1 month.
Lifting gear could not be inspected last year due to increased work load. The ropes will be inspected this year. The electrical wiring & control gear was overhauled.
Criteria partially satisfied
- General inspection of the Barrage, control joints, and abutments to be carried out annually with maintenance scheduled for the following year. *No repairs required*
Criteria satisfied
- Radial Gates to be inspected five yearly and any painting requirements to be scheduled for the following year.
Not applicable.
5 Yearly Criteria – Not applicable until 2007/08
- The channel to be inspected for any blockages after major flood events, and the maintenance requirements to be scheduled for the following year.
No channel blockages.
Criteria satisfied
- The structure to be thoroughly examined for any earthquake damage.
No major earthquakes
Criteria satisfied

11. Environment

- River management practices to conform to Regional Freshwater Plan, Regional Soil Plan, and Scheme Resource Consent conditions.
No incidents.

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.
Ward meetings have been suspended due to the Scheme Review. However several public meetings were held as part of the review process. No major maintenance issues were raised at those meetings.

Criteria partially satisfied

- Annual rates, annual reports, and Scheme reviews to be approved by the Council.
Scheme review is still in progress. Annual rates & reports have been approved by 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 scheme reviews.
Scheme review was not completed this year as scheduled. It is expected to be completed in 2007/08.

Criteria not satisfied

- Scheme maintenance standards to be endorsed as part of the annual peer review process for Wairarapa river management practices.
The peer review for the year 2006/07 was carried out in the Lower Wairarapa Valley Development Scheme and in the Waiohine Scheme in August 2007.

Criteria satisfied

SCHEDULE OF SUPPORTING DOCUMENTATION

Minutes of Advisory & Review Committee Meetings.
Annual scheme reports & financial statements.
Completed and proposed works programmes
Updated Asset Register
Log of inspections, repair requirements, and remedial works.
Peer Review Report.

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