

# LOWER WAIRARAPA VALLEY DEVELOPMENT SCHEME

## ASSET MANAGEMENT PLAN

### PERFORMANCE STATEMENT 2000/01

#### 1. Financial

- Deferred asset maintenance requirements not to exceed \$100,000 in any year. *Current deferred maintenance is \$65,000.*

*Criteria satisfied*

- Scheme not to incur or carry financial deficit without Council approval. *The annual financial surplus was \$47,285.*

*Criteria satisfied*

- Average flood damage expenditure not to exceed 20% of the total Scheme expenditure over a five year period. *The flood damage expenditure was \$152,000.*

*5 Yearly Criteria- Not applicable until 2002/03*

#### 2. Stopbanks

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

*5 Yearly Criteria- Not applicable until 2002/03*

- 0.22% (<5%) of the stopbank length has deferred maintenance.

*Criteria satisfied*

- 8.5% (<10%) of the stopbanks have a berm width of less than 10 metres.

*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.

*Criteria satisfied*

### 3. Heavy bank Protection

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

*Criteria satisfied*

### 4. Vegetation Buffer Zone

- 1.7% (<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.

*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

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

*Criteria satisfied*

### 6. Floodway Sills

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

*5 Yearly Criteria- Not applicable until 2002/03*

- Deferred maintenance requirement to be nil.

*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.

*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.

*Criteria 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 for Manganui Weir Numbers 1 & 2 have been deferred. Rock has been procured for the Number 1 Weir with repairs planned for 2001/02. Repairs to the Number 2 Weir will be carried out in 2002/03.*

*Criteria partly satisfied*

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

*Criteria satisfied*

- Reinforced concrete grade control structures to be inspected five yearly and damage 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 are carried out by Hydrology Section.*

*Criteria satisfied*

- The lifting/lowering mechanism to be inspected six monthly with repairs to be effected within 1 month. *Gate 4 requires a rope change. The rope has been procured, and the installation will be carried out in the 2001/2002 financial year.*

***Criteria satisfied***

- General inspection of the Barrage, control joints, and abutments to be carried out annually with maintenance scheduled for the following year.

***Criteria satisfied***

- Radial Gates to be inspected five yearly and any painting requirements to be scheduled for the following year.

***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.

*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.

Prepared by:

Ranjan Cyril  
Scheme Manager

.....

Recommended by:

Ian Heslop  
Divisional Engineer

.....

Approved by:

Ian Gunn  
Manager, Operations

.....

Date:

.....