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Report to the Rural Services and Wairarapa Committee
from Ranjan Cyril, Engineer, Southern Area

Asset Management Plan for Pump Drainage Schemes

1. Purpose

To present and obtain Committee endorsement for the Asset Management Plan produced for five Council managed pump drainage schemes within the Southern Wairarapa area.

2. Background

- 2.1 The Local Government Amendment Act (No.3) 1996 requires the preparation of Asset Management Plans for Council managed infrastructure.
- 2.2 The key components of an Asset Management Plan are the service levels agreed with the benefiting community, the asset description and condition, long term financial projections, the plan improvement programme, and the systems for monitoring asset condition and service standards. The asset list includes asset valuations and condition ratings, and financial projections are provided for a twenty year period.
- 2.3 A basic Asset Management Plan has been prepared for the 5 pump drainage schemes managed by the Wairarapa Division as listed below:
 - Onoke
 - Moonmoot
 - Te Hopai
 - Pouawha
 - Papatahi

A copy of the Asset Management Plan is enclosed separately. The plan will be progressively improved over the next two to three years, and

condition assessments will be updated annually. Further issues to be addressed include:

- Identification of insurance requirements for natural disasters such as earthquakes, tsunamis, and major flood events.
- Formalisation of pump station and drain ownership and access rights. (A recent court case in the Bay of Plenty states the Council should own the land at the pump station and formalise access rights. A survey of Regional Councils indicates that most Councils are continuing to operate as “we” currently do).
- Structural upgrade of the Onoke Pump station.

2.4 The plan has been presented to and well received by Scheme ratepayers.

3. Overview

3.1 The Schemes have a combined asset valuation of \$3.18m, and serve a total area of 3,408 hectares as itemised in Table 1. These Schemes have a range of components such as intake structures, pump sheds, culverts & floodgates, pumps & motors, electrical control panels, and drainage networks.

Table 1 – Scheme Asset Valuations & Maintenance Requirements

Scheme	Area of Benefit (ha)	Asset Values (2000 \$ terms)	Average Annual Operation & Maintenance Cost (\$)
Onoke	695	617,000	26,050
Moonmoot	232	365,000	7,100
Te Hopai	1,230	803,000	29,100
Pouawha	899	997,000	28,350
Papatahi	352	394,000	8,625
Total	3,408	3,176,000	99,225

4. Individual Scheme Status

4.1 Onoke Pump Drainage Scheme

The Onoke Pump Drainage Scheme financial status is satisfactory. A 10% rate increase will be needed in 2010/2011. The current reserve balance is adequate.

The pump shed needs some structural upgrade and bird proofing. One pump is making unusual noises, and will be lifted for further investigation and possible repair.

The current level of annual maintenance programme is considered adequate. It will be reviewed annually, and the rates adjusted as required in consultation with the scheme ratepayers.

4.2 Moonmoot Pump Drainage Scheme

The Moonmoot Pump Drainage Scheme financial status is satisfactory. A 10% rate increase will be needed in 2010/2011. The current reserve balance is on the low side, but is expected to build up sufficiently over the next few years.

The pump shed needs some maintenance work and bird proofing. The pump well at floor level is open and needs a grating for safety reasons.

The current level of annual maintenance programme is considered adequate.

4.3 Te Hopai Pump Drainage Scheme

Te Hopai Pump Drainage Scheme financial status is very good. A 2.5% rate reduction was proposed at the scheme meeting. However the scheme members preferred to retain the current rate, anticipating a rate reduction once the reserve balance is built up to a sufficient level.

The pump shed is in good condition, however it needs bird proofing. A flashing needs to be fixed to deflect water splashing on to the electrical cabinets.

The current level of annual maintenance programme is considered adequate.

4.4 Pouawha Pump Drainage Scheme

The Pouawha Pump Drainage Scheme has two pump stations. Its financial status is satisfactory. A 5% rate increase will be needed in 2007/2008, and the current reserve balance is considered to be adequate.

The No.1 pump shed needs some maintenance work and bird proofing.

The No.2 shed is in good repair, except for the requirement for a safety grating around the pump well, and the need for bird proofing.

The current level of annual maintenance programme is considered adequate.

4.5 Papatahi Pump Drainage Scheme

The Papatahi Pump Drainage Scheme financial status is excellent. A 25% rate reduction will be given from next year, and the current reserve balance is very healthy.

The pump shed is in good repair, but needs bird proofing.

The current level of annual maintenance programme is considered adequate.

5. The Council's Role

- 5.1 The pump drainage scheme operation and maintenance funding is provided by the benefiting scheme ratepayers. There is no Regional Funding Component, as is the case for the Council's river management schemes.
- 5.2 The Council inherited the role of rate collection, operation, and maintenance for these schemes from the Wairarapa Catchment Board. Subsequent to this the scheme ratepayers have decided that the Wairarapa Division should continue to provide this management service.
- 5.3 Given the close inter-relationship between the Lower Wairarapa Valley Development Scheme and the pump drainage schemes, it seems reasonable that consideration should be given to adopting the drainage schemes as Council infrastructure. This issue could be examined as part of the Lower Wairarapa Valley Development Scheme review, which is programmed for completion over the next three years. In the interim Council would continue to manage the Schemes on behalf of the benefiting ratepayers, and in accordance with the Asset Management Plan.
- 5.4 The proposed asset management planning process will include a monitoring and decision making role, with direct links to the Council's Annual Plan and Long Term Financial Strategy.
- 5.5 On an annual basis the Committee will be presented with reports on scheme asset condition and performance, as well as scheme financial status and recommended rating requirements for the following year.

6. Communication Requirements

The Committee's decision on these matters will be reported to the respective scheme ratepayers in the annual Wairarapa Scheme newsletter.

7. Recommendation

That the Committee:

- (1) Adopts the Asset Management Plan for the Moonmoot, Te Hopai, Pouawha, Papatahi, and Onoke Pump Drainage Schemes.*
- (2) Recognises the need to give consideration to adopting the drainage schemes as Council infrastructure, as part of the upcoming Lower Wairarapa Valley Development Scheme review.*

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