



R E P O R T	TO	WORKS COMMITTEE
	FROM	DRAINAGE MANAGER
	FILE REF	01.011.028 – 00203054.rtf
	DATE	7 SEPTEMBER 2004
	SUBJECT	MONTHLY REPORT

RECOMMENDATION

THAT the report be received.

1.0 LAND DRAINAGE

The appropriate Drainage District meeting minutes are attached, or will be tabled at the meeting.

1.1 EPDD: Turua Wharf Floodgate & Pipe under Bagnall Square

This work has been completed.

1.2 WPDD: Waitakaruru Miranda Foreshore Stopbank Construction (45.499.999)

Hot Springs to District Boundary

The contractor had substantially completed the excavation at the end of July. Some work remains in the transitions at each end of the works, and the erection of the fence. Despite a late start the works have been undertaken within the contract duration period.

The dumped spoil heap is higher than the final design stopbank height. After drying and shrinking over the summer, the stopbank may be able to be trimmed to profile and grassed. An assessment of the likelihood of this operation will be made in the new year.

1.3 WPDD: Biological Weed Control in Maukoro Outlet Drain

The contractor has provided indicative costs for stocking all the potential sites in the Hauraki District. Some of the sites will require some capital expenditure to fish-proof the river outlets. A benefit-cost analysis of all sites is being undertaken. The preparation of a new Risk Assessment Report for the Waikato and Bay of Plenty Regions and the Hauraki District is proceeding.

1.4 WPDD: Ngatea Urban Stormwater (45.A55.999)

Pipiroa Roadside Drain

Design work is nearing completion on the remaining reaches of the Pipiroa Roadside drain, including the specific design of a manhole structure to accommodate the water supply scour valve 120m north of the SH 2 intersection, and the two manhole structures at the intersection with the Paul Leonard Drain road culverts. Preliminary discussions have been had with one of the owners

of rural land fronting Pipiroa Road. The option of piping in front of these properties, which do not yet pay a rate towards the urban stormwater network, will be further investigated, and discussions will be held with the owners.

Hauraki Plains College/Ngatea Lodge

Preliminary investigation of the levels of sumps and manholes appears to indicate that a new line from the area adjacent to the tennis courts to the line on the east side of Kaihere Road will be required to provide the area with an adequate outlet. The school and the lodge properties will be able to connect also. Survey and design work is proceeding.

1.5 WPDD: Pump power outages

There have been three outages of power supply to the Mangawhero pump. Environment Waikato is investigating the re-routing of the supply from the west (Patetonga) side of the river. The line on the east side from Daggars Road is susceptible to damage from swans apparently flying into the lines.

1.6 WPDD Waikaka North Pump

Agreement with Environment Waikato has been reached to lower the start and stop probe levels of the pump. It is likely that a heavy clean of the drain to remove some high spots in the invert will be necessary to take best advantage of the adjusted pump levels. This work will be programmed for summer.

2.0 **URBAN STORMWATER**

2.1 Paeroa Stormwater

Hill Street

A revised design for the stormwater line in Hill Street is in preparation. Survey and design of the reach across Taylors Avenue is under review.

Kennedy Street/Hill Street

The works previously approved will commence when conditions are suitable.

Bennett Street

Adjoining owners on the north side of Bennett Street have requested Council to investigate the erosion downstream of the discharge from a section of piped drain. Survey has been undertaken. It appears the best solution may be to construct a half-pipe section of flume to contain the existing problem. The design for this work has been completed. Discussions will be held with the adjoining owners regarding access and timing of the proposed works.

2.2 Waihi Stormwater

Gladstone Road

The owner of the property with frontages on Gladstone Road and Barry Road has requested Council to consider the piping of approximately 30m of a large open drain in the property.

The reach of drain is downstream from a 750mm diameter line which crosses Gladstone Road, and discharges into a 750mm diameter line parallel to Barry Road.

The site was the subject of a previous application from the then owners to pipe the reach. Council approved the works but the owner sold and did not pursue the matter. The owners of the property immediately downstream did proceed with piping the reach in the front of their lot.. This current

proposal will complete the piping of this section of the open drain. The owner of No 3 has agreed to meet a one quarter share of the cost of the works.

RECOMMENDATION

THAT 30m of open drain in 3 Gladstone Road be piped with 750mm diameter pipe, plus one manhole, at an estimated cost of \$10,500, on the basis of the adjoining owner meeting a one quarter share.

The ward Committee supported this recommendation.

George Street

Survey of the open drain downstream of No 8 has been completed. A proposal for this reach of drain will be discussed with the owner. The works previously approved in No 8 will commence when conditions are more suitable.

Ian McLeod
Drainage Manager