

STAFF REPORT

TO: Chairman and Members, Engineering Services Committee
FROM: Jeff Cuthbertson, Utilities Asset Manager
DATE: 17 November 2008
SUBJECT: **STORMWATER FUNDING TRANSFER**

PURPOSE

The purpose of this report is to seek approval from the Engineering Services Committee to transfer funding from the 2008/2009 approved budget to undertake two unscheduled stormwater upgrades.

BACKGROUND

The capital stormwater projects approved in the 2008/2009 annual plan included the construction of the Poutama Drain and Hunt Lowry reticulation.

The total funding approved for these two projects was:

Poutama Drain	\$1,200,000
Hunt Lowry reticulation	\$314,392
Total approved budget	<u>\$1,514,392</u>

Because of land entry issues, the Richmond West development not being ratified and in all probability the Poutama Drain construction being delayed, staff have included the work in the proposed 2009/2016 LTCCP (to occur in years 3 and 4 – 2011/2012 and 2012/2013). Two projects that were to be considered in the 2009/2016 LTCCP have been omitted to reduce cost and to allow for the inclusion of the Poutama Drain project.

The two projects that have been omitted are:

Project	Estimated cost
The upgrading of the stormwater reticulation in Salisbury Road adjacent to Waimea Intermediate School to Arbor Lea Avenue	\$760,000
The upgrading of the existing reticulation from Park Drive to the west side of Hill Street	\$700,000

PROPOSAL

Salisbury Road (refer plan attached)

The proposal is to undertake the upgrading of the Salisbury Road stormwater this current year in advance of the resealing of the remainder of Salisbury Road in two years time.

The existing 525mm diameter pipe is too small to take the full flow of stormwater. It is proposed to install an additional 825mm diameter pipe with the two pipes running parallel along the street.

Park Drive (refer plan attached)

The stormwater in Park Drive is relatively new and discharges via a 750mm diameter reticulation along Ridings Grove to an open channel of 69 Hill Street. The capacity of this 750mm diameter reticulation is limited. In addition, there is no secondary flow path at the end of Ridings Grove as the walkway is set higher than the entrances to the adjacent properties. The open drain downstream of Hill Street has adequate capacity.

The proposal is to install an additional 1050mm diameter stormwater pipe from the roundabout at Park Drive along Ridings Grove to the water course on the western side of Hill Street. The pipe from the end of Ridings Grove to the water course will also need to provide adequate capacity for secondary flows.

RECOMMENDATION

THAT the Engineering Services Committee approve the reallocation of funding within the stormwater budget so that the upgrade of Salisbury Road and Park Drive stormwater networks can be undertaken in the 2008/2009 financial year.

Jeff Cuthbertson
Utilities Asset Manager