

STAFF REPORT

TO: Chairman and Members, Engineering Services Committee
FROM: Utilities Asset Manager, Jeff Cuthbertson
REFERENCE: S753
DATE: 20 November 2006
SUBJECT: **STORMWATER UPGRADE ADJACENT TO RICHMOND CEMETERY**

1 PURPOSE

The purpose of this report is to seek approval from the Engineering Services Committee to replace an existing stormwater sewer.

2 COMMENT

A stormwater sewer was installed in 1998/1999 as part of the Ehau subdivision (consent granted in 1994).

Since the original stormwater design was carried out the area directly upstream of this site has been reviewed as part the "South Richmond" planning process which has resulted in some alterations to the stormwater catchment. The pipework recently installed under Wensley Road and the adjacent downstream property owner took into account this extra stormwater loading. The pipework installed under Wensley Road was sized at 1050 mm diameter.

The present stormwater sewer through the Ehau property is 525 and 600 mm in diameter. There is a section of open water course through private property between the end of the new 1050 mm pipe and the Ehau property. The owner of the property has been advised that any development will require a 1050 mm stormwater pipe in the future.

This stormwater sewer discharges into an open water course within the cemetery and then into the Cemetery detention dam.

3 PROPOSAL

Mrs Ehau has indicated that she now intends to complete the last stage of her subdivision. The present 600 and 525 mm diameter stormwater sewer runs through this block of undeveloped land. The proposal is to uplift and recover the existing pipework (to be reused in conjunction with the Bird Street/Elizabeth Street stormwater improvements next year) and lay it on the same alignment and grade 1050 mm diameter pipework.

The estimated cost to undertake this work is \$100,000. It should be noted that there is no dwelling or improvements presently on this land and thus limited reinstatement will be required. If the work was carried out after the development has been completed, the reinstatement costs could be extensive and the work very difficult to undertake.

4 REMOVED PIPES

The 600 and 525 mm diameter pipes removed for this work are relatively new. They will be stored for reuse in the Bird/Elizabeth Street stormwater upgrade to be carried out in the 2007/2008 and 2008/2009 years.

5 FUNDING OPTION

Council has a capital stormwater budget for the Jeffries Creek, Brightwater upgrade of \$600,000 in the 2006/2007 financial year. The expected scope of this project has now been limited and the budget expenditure is estimated to be limited to approximately \$35,000. Of the unexpended budget of \$565,000 it is proposed to transfer the estimated costs of \$100,000 to the project as mentioned above so that this additional work can be accommodated.

6 RECOMMENDATION

THAT the Engineering Services Committee approve the proposed replacement stormwater sewer be installed and that the funding for the project come from the unexpended Jeffries Creek capital budget.

Jeff Cuthbertson
Utilities Asset Manager