



City of Richmond

Report to Committee

To Public Works & Transportation - June 23, 2004

To: Public Works and Transportation Committee

Date: June 4, 2004

From: Robert Gonzalez, P.Eng.
Director, Engineering

File: 10-6400-03.

Re: Alderbridge Sanitary Pump Station Rehabilitation

Staff Recommendation

That \$195,000 of excess funds from the 2002 Sanitary Pump Station Rehabilitation Account (No. 40610) be used to fund rehabilitation of the Alderbridge Sanitary Pump Station.

Robert Gonzalez, P.Eng.
Director, Engineering
(4150)

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ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER	
Sewerage & Drainage.....	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		
Budgets	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		
REVIEWED BY TAG	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	REVIEWED BY CAO	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

Staff Report

Origin

In 2002, Council approved funding of \$500,000 for Sanitary Pump Station Rehabilitation with Steveston and Monteith sanitary pump stations being specifically named. The purpose of this report is to obtain Council approval to advance the next sanitary sewer pump station upgrade project in light of the forthcoming growth in the Alderbridge area.

Analysis

Rehabilitation of Steveston and Monteith sanitary pump stations was required as they were over 30 years old and in a deteriorating condition. This work is now complete.

In late 2003, the City concluded a capacity and condition assessment of several pump stations including the Alderbridge pump station. It was recommended that the Alderbridge pump station undergo a capacity, as well as condition upgrade, given the considerable increase in expected flows resulting from the adjacent major developments currently planned and under construction.

Financial Impact

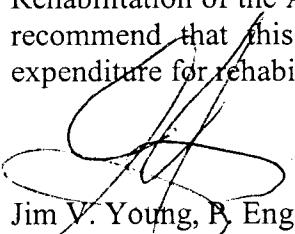
The estimated cost to complete Alderbridge pump station rehabilitation is \$195,000 which can be accommodated from the 2002 Sanitary Pump Station Rehabilitation project. The following table summarizes the funds remaining in the 2002 Sanitary Pump Station Rehabilitation Account 40610.

2002 Approved Budget	\$500,000
Steveston/Monteith Costs	-\$292,430
Excess Funds	\$207,570

Conclusion

There are excess funds of \$207,570 following completion of rehabilitation work on the Steveston and Monteith sanitary pump stations.

Rehabilitation of the Alderbridge sanitary pump station is the next highest priority project. Staff recommend that this project proceed using excess funds from the 2002 approved capital expenditure for rehabilitation of the Steveston and Monteith pump stations.


 Jim V. Young, B. Eng.
 Manager Engineering Design and Construction
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 JVV:jvy