

**FINANCE AND CIVIC DEVELOPMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: JOHN MATTHEWS CREEK STORM WATER MANAGEMENT**

**RECOMMENDATION:**

1. THAT Council approve expenditure of \$120,000 (inclusive of 12% HST) from the Gaming Funds Reserves to finance detailed engineering design of the John Matthews Creek Storm Water and Flow Diversion Project.

**REPORT**

The Finance and Civic Development Committee, at its meeting held on 2010 June 24, received and adopted the *attached* report seeking Council's funding approval to undertake detailed engineering design of the John Matthews Creek Storm Water Management and Flow Diversion Project.

John Matthews Creek is a tributary to the Byrne Creek watershed and it has experienced severe channel erosion over the last several years primarily due to loss of natural stream bed armour and higher levels of storm water runoff. The recommended flow diversion would provide overflow capacity during heavy and extreme rainfall periods while maintaining an acceptable base flow in the creek.

Respectfully submitted,

Councillor D. Johnston  
Chair

Councillor N. Volkow  
Vice Chair

Councillor C. Jordan  
Member

Copied to:	City Manager
	Director Engineering
	Director Finance

**TO:** CHAIR AND MEMBERS,  
FINANCE AND CIVIC DEVELOPMENT  
COMMITTEE

**DATE:** 2010 June 17

**FROM:** DIRECTOR ENGINEERING

**FILE:** 31000-06  
*Reference: John Matthews Creek*

**SUBJECT:** JOHN MATTHEWS CREEK STORM WATER MANAGEMENT

**PURPOSE:** To obtain approval from the Committee and Council to undertake detailed engineering design of the John Matthews Creek Storm Water Management and Flow Diversion Project.

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**RECOMMENDATION:**

1. **THAT** the Committee recommend Council to:
  - a. approve expenditures of \$120,000 (inclusive of 12% HST) for detailed engineering design of the John Matthews Creek Storm Water and Flow Diversion Project.
  - b. allocate \$120,000 (inclusive of 12% HST) from the Gaming Funds Reserves to finance this project.

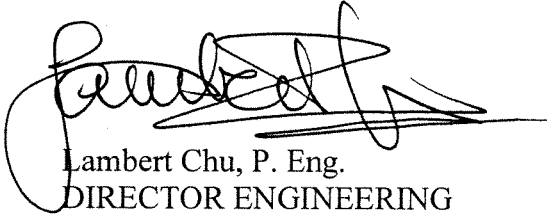
**REPORT**

John Matthews Creek is a tributary to the Byrne Creek watershed and it has experienced severe channel erosion over the last several years due primarily to loss of natural stream bed armour and higher levels of stormwater runoff. The recently completed Byrne Creek Integrated Stormwater Management Plan recommended the use of storm water flow diversions around the sensitive channel areas and development of a bank and channel protection program to address channel erosion concerns (Figure 1 attached). The recommended flow diversion would provide overflow capacity during heavy and extreme rainfall periods while maintaining an acceptable base flow in the creek. The estimated cost to complete engineering designs, geotechnical investigation, construction cost estimate and contract tender documents for this project is \$120,000 (inclusive of HST).

To: Finance and Civic Development Committee  
From: Director Engineering  
Re: John Matthews Creek Storm Water Management  
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To enable work to proceed in a timely manner, it is recommended that Committee and Council approve the allocation of \$120,000 (inclusive of 5% GST) from Gaming Fund to finance this project. Sufficient Gaming Funds Reserves are available and these expenditures are included in the Storm Drainage component of the 2010 Annual Financial Plan.

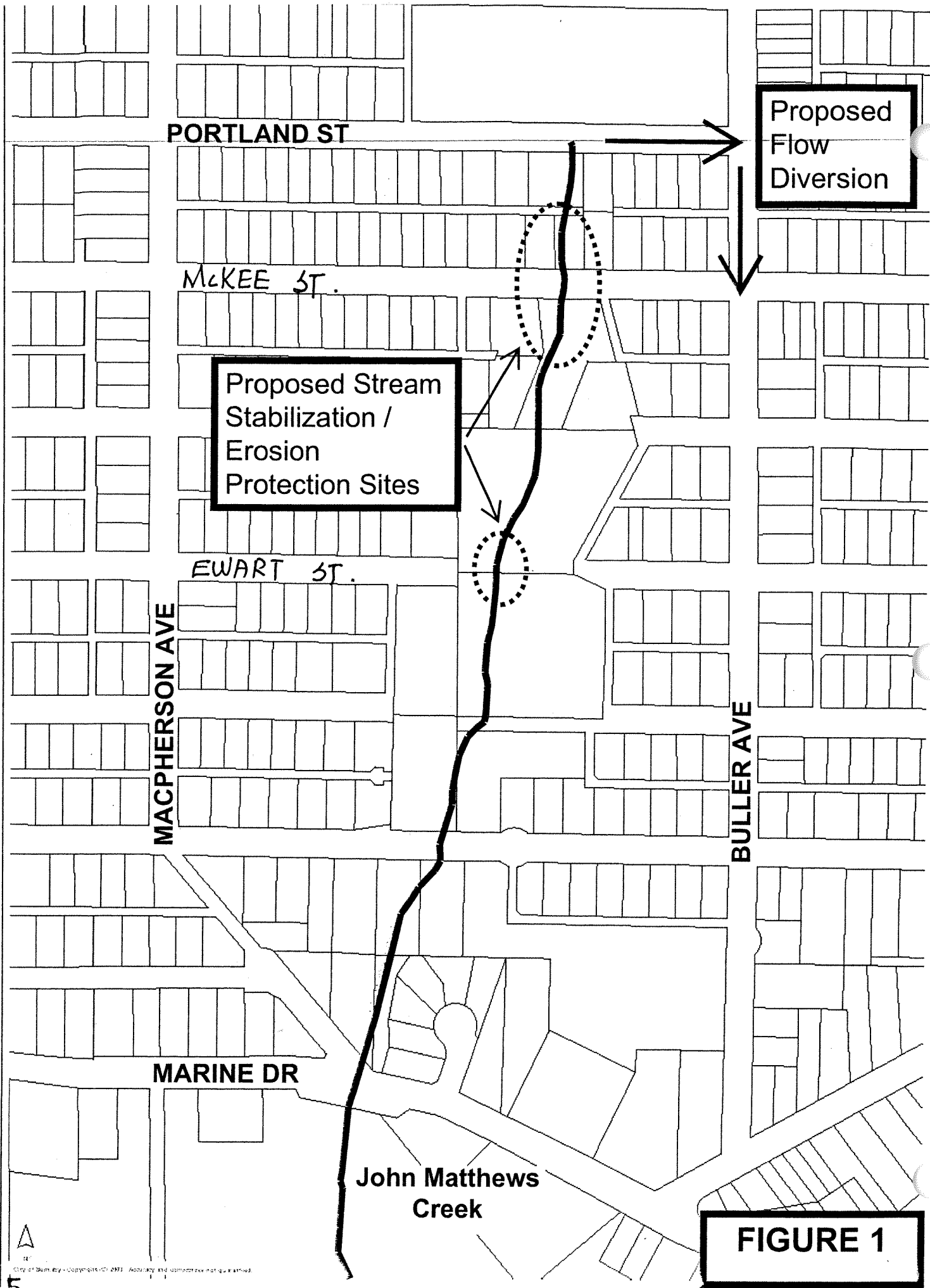


Lambert Chu, P. Eng.  
DIRECTOR ENGINEERING

AAS:br

Attachment (1)

Copied to: City Manager  
Director Finance



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