



Meeting 2009 June 15

COUNCIL REPORT

ENVIRONMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

SUBJECT: KAYMAR CREEK ISMP

RECOMMENDATIONS:

1. THAT Council authorize staff to develop an Integrated Stormwater Management Plan (ISMP) for the Kaymar Creek drainage system, as outlined in this report.
2. THAT Council approve allocation of \$63,000 (inclusive of 5% GST) from the Gaming Funds Reserves to finance this project.

REPORT

The Environment Committee, at its meeting held on 2009 June 09, received and adopted the *attached* report seeking Council's approval to undertake an integrated stormwater management plan (ISMP) for the Kaymar Creek drainage system.

The ISMP process preserves watershed health as a whole, while meeting community needs and allowing development and re-development to occur. Sufficient Gaming Funds Reserves are available and these expenditures are included in the Storm Sewer component of the 2009 Annual Financial Plan.

Respectfully submitted,

Councillor D. Johnston
Chair

Councillor S. Dhaliwal
Vice Chair

Councillor A. Kang
Member

Copied to:	City Manager Director Finance Director Engineering
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TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2009 June 05

FROM: DIRECTOR ENGINEERING

SUBJECT: KAYMAR CREEK ISMP

PURPOSE: To obtain approval from the Committee and Council to undertake an integrated stormwater management plan (ISMP) for the Kaymar Creek drainage system.

RECOMMENDATION:

1. **THAT** the Committee recommend Council to:
 - a. Authorize staff to develop an Integrated Stormwater Management plan (ISMP) for the Kaymar Creek drainage system, as outlined in this report;
 - b. Allocate \$63,000 (inclusive of 5% GST) from the Gaming Funds Reserves to finance this project.

REPORT

As part of the City's continuing efforts toward improved management of our urban watersheds, funding is required for undertaking an Integrated Stormwater Management Plan (ISMP) for the Kaymar Creek watershed (Figure 1).

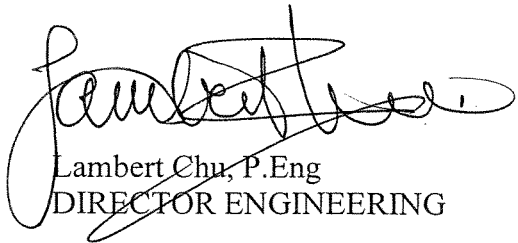
The ISMP process preserves watershed health as a whole, while meeting community needs and allowing development and re-development to occur. The Kaymar Creek ISMP project will set out how watershed resources will be managed to balance land development with environmental protection, preservation and enhancement. Green space, stream corridors and economic considerations will be integrated into the study to provide a holistic and integrated outlook to ensure the long term health of this watershed is preserved.

The study will include investigating some core issues including minimizing upland erosion and lowland sedimentation problems; provide enhancement opportunities for aquatic and wildlife habitats; reduce pollutant loadings including inappropriate discharges and improve water quality in stream flow. The latest developments in stormwater best management practices will be assessed for application in this watershed. A feasibility study will be conducted to investigate the opportunity of implementing low

To: Chair and Members, Environment Committee
From: Director Engineering
Re: Kaymar Creek ISMP
2009 June 05 Page 2

impact development initiatives and source control measures that all fundamentally incorporate sustainability principles. The undertaking of ISMPs is a requirement of the Greater Vancouver Regional District's Liquid Waste Management Plan.

Total project cost is estimated at \$153,000 (inclusive of 5% GST), of which \$90,000 have been previously approved by Council for Storm Water Management. It is recommended that Council approve the allocation of \$63,000 to provide the balance of the funding required for this project. The City has been awarded a \$10,000 Local Government Study grant towards this study. Sufficient Gaming Funds Reserves are available and these expenditures are included in the Storm Sewer component of the 2009 Annual Financial Plan.



Lambert Chu, P.Eng
DIRECTOR ENGINEERING

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Director Finance

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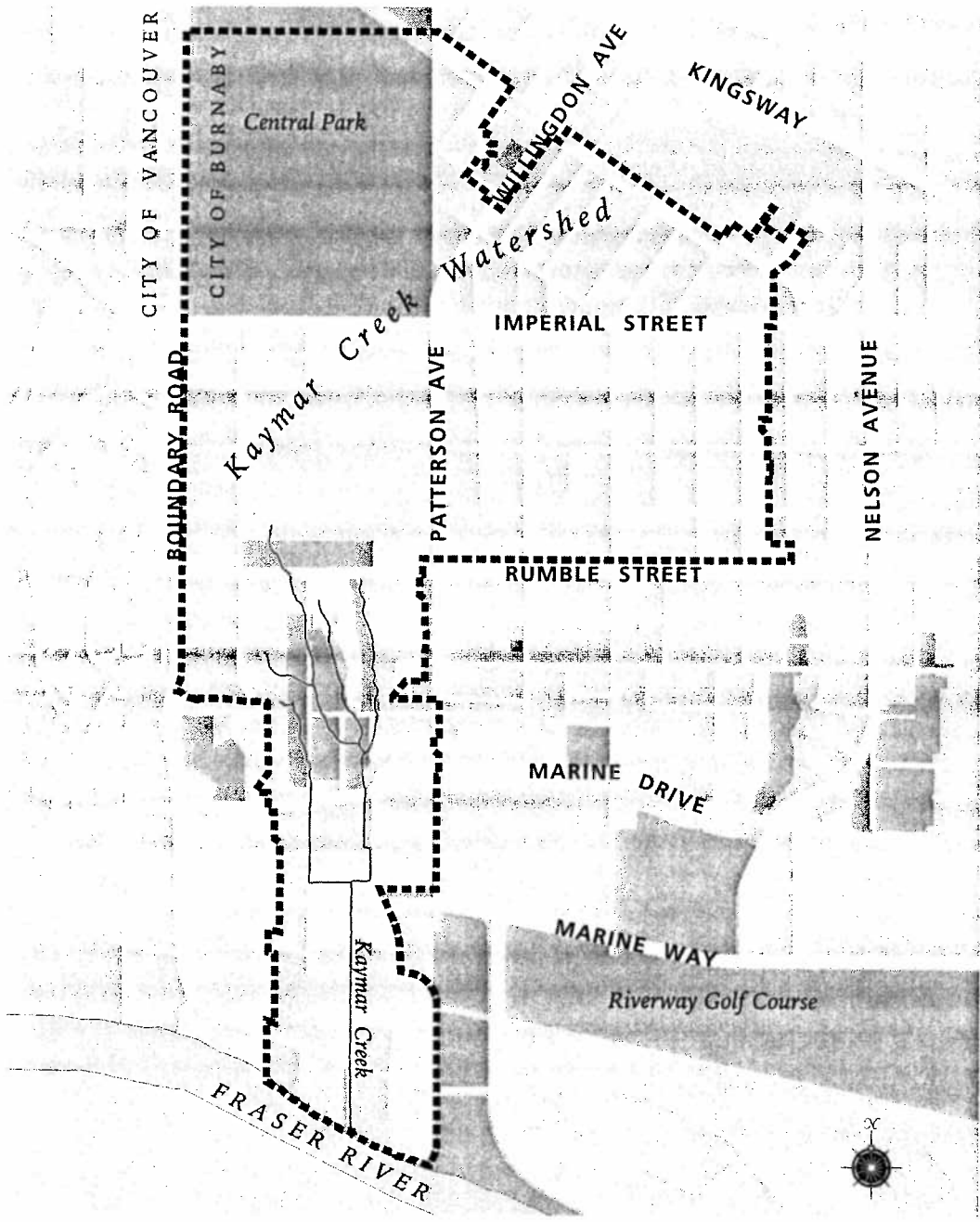


Figure 1: Kaymar Creek Watershed

----- watershed boundary