

TO: CITY MANAGER **DATE:** 1998 03 05
FROM: DIRECTOR ENGINEERING **FILE:** 40-05-07
SUBJECT: STONEY CREEK STORM WATER MANAGEMENT STUDY
PURPOSE: To obtain Council approval of the recommended funding for the Stoney Creek Storm Water Management Study and the award of the study to Kerr Wood Leidal - CH2M Hill Inc.

RECOMMENDATIONS:

1. **THAT** Council approve the funding allocation as outlined in this report.
2. **THAT** Kerr Wood Leidal - CH2M Hill Inc. be awarded the Stoney Creek Storm Water Management Study for a total amount of \$107,000.00 including GST and staff be authorized to execute an engineering agreement with the recommended consultant.

REPORT

1.0 INTRODUCTION

Under the current work of the Brunette Basin Task Group, a sub-watershed drainage study is recommended for the Stoney Creek area as a short term action item that could be undertaken while the broader Brunette Basin watershed management plan is being developed. The purpose of the Stoney Creek project is to analyze the adequacy of the existing drainage facilities and to develop detailed guidelines and options for runoff control and aquatic enhancement with the goal of preserving the existing streams in their natural state. The project has been fully endorsed by the Brunette Basin Task Group. The Stoney Creek sub-watershed was selected because of its significant ecological and fisheries resource values in a growing urban environment.

2.0 DISCUSSION

The Stoney Creek sub-watershed includes tributary areas in Port Moody, Coquitlam, Burnaby and SFU. To address the multi-jurisdiction and public involvement issues, a Steering Committee has been established for the duration of the project to guide the plan development process. The committee includes representatives from the GVRD, Port Moody, Coquitlam, Burnaby, SFU, UBC/Westwater, BCIT and the Stoney Creek Environment Committee. The project will be managed and led by Burnaby.

A request for consulting services was sent out in late January 1998 and the consultant evaluation process was undertaken in February with the participation of all Steering Committee members. At the conclusion of the evaluation, the committee recommended that Kerr Wood Leidal - CH2M Hill Inc. be awarded the project. The recommended consultant has undertaken many engineering projects for Burnaby and we concur with the selection of the Steering Committee. It is expected that the project will be completed by September 1998.

3.0 PROGRAM FUNDING

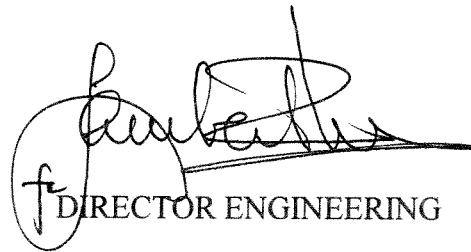
The estimated consulting fee for the project is \$107,000 including GST. For budgetary purposes, an allocation of \$110,000 is recommended for the project. The GVRD has committed to provide \$50,000 towards the project and the remaining \$60,000 will be shared by the three municipalities and SFU. The total area within the Stoney Creek sub-watershed is approximately 750 ha of which about 218 ha are within the Burnaby Mountain Park Conservation area. For the purpose of calculating the cost allocation, the conservation area is excluded from the total contributing area. The final proposed cost allocation is presented in Table 1.

	Contributing Area (ha / %)	Project Cost Allocation
City of Burnaby	264 ha / 49%	\$29,400
City of Coquitlam	106 / 20	12,000
City of Port Moody	58 / 11	6,600
SFU	104 / 20	12,000
Sub-Total :	532 ha / 100%	\$60,000
GVRD Contribution	-	\$50,000
TOTAL	532 ha / 100%	\$110,000

Table 1 Project Cost Allocation

SFU and the GVRD have committed to provide their shares as outlined in Table 1. Port Moody and Coquitlam staff have agreed in principle with the proposed cost allocation subject to approval from their respective Councils. The Stoney Creek Environment Committee has submitted a grant application to the Province under the Urban Salmonoid Stream Enhancement Program for an amount of \$7,000 to be applied toward the project. Should the grant application be approved by the Province, it would be used to reduce the cost contribution from the project partners.

Under the 1998 - 2002 Provisional Capital Program - Engineering Storm Water Management, a \$50,000 provision is included for the implementation of action items related to the Still Creek - Brunette Basin Watershed Project. It is recommended that the \$50,000 budget allocation be approved by Council to finance the Stoney Creek Storm Water Management Study and other storm water management related works within the Still Creek - Brunette Basin watershed. Furthermore, the Operating Contingency in the amount of \$80,600 be used to provide interim financing for the third party costs related to the Storm Water Management Study component. The Operating Contingency will be reimbursed when the third party costs are received.



DIRECTOR ENGINEERING

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cc: Director Finance

