

2004 MAY 06

TO: CITY MANAGER

FROM: DIRECTOR PARKS, RECREATION AND CULTURAL SERVICES

**SUBJECT: BURNABY MOUNTAIN CONSERVATION AREA - CITY STATUTORY
RIGHT OF WAY REQUEST FOR SFU WATER SUPPLY MAIN TWINNING**

PURPOSE: To request authorization for the granting of a Statutory Right of Way over a portion of city owned land within the Burnaby Mountain Conservation Area.

RECOMMENDATION:

1. THAT authorization be given for the granting of a Statutory Right of Way over a portion of city owned land within the Burnaby Mountain Conservation Area in favour of the City of Burnaby for water main purposes as outlined in the attached report.

REPORT

At its meeting of 2004 May 05, the Parks, Recreation and Culture Commission received the above noted report and adopted the recommendation contained therein.



Kate Friars
DIRECTOR PARKS, RECREATION
AND CULTURAL SERVICES

tc:hh

Attachment

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cc: City Solicitor
Director Engineering

**SUBJECT: BURNABY MOUNTAIN CONSERVATION AREA - CITY STATUTORY
RIGHT OF WAY REQUEST FOR SFU WATER SUPPLY MAIN TWINNING**

RECOMMENDATION:

1. THAT Council be requested to authorize the granting of a Statutory Right of Way over a portion of city owned land within the Burnaby Mountain Conservation Area in favour of the City of Burnaby for water main purposes as described in this report.

REPORT

INTRODUCTION

The City Engineering Department has approached the Parks Department seeking approval to expand an existing utility corridor within the Burnaby Mountain Conservation Area to site a new water main. This report outlines the project, the reasons for locating the water main on this portion of Burnaby Mountain and the request for a new statutory right of way in favour of the City for the proposed works. Before the City Engineering Department proceeds with the project Parks, Recreation and Culture Commission and Council approval to the granting of the requested right of way is required.

SFU WATER SUPPLY MAIN TWINNING PROJECT

As part of the City of Burnaby's ongoing water distribution system renewal and upgrading program, the twinning of the existing supply trunk to Simon Fraser University (SFU) is planned for construction in 2004. The water supply is presently conveyed from a pump station (Kingsgate) located at the south base of Burnaby Mountain to the SFU water tower at the top of Burnaby Mountain (see Attachment #1). Over its 1.2 kilometre length, the existing 450 mm pipe traverses hilly terrain with the lower section located on city land within the Burnaby Mountain Conservation Area and the upper section located primarily on SFU land. This existing water supply main, constructed in 1965, has an estimated five years of usable life remaining and has developed several major leaks which have proved hard to repair. The main is the sole source of water supply to SFU and therefore must remain in service at all times. The proposed new water main serves as a replacement to the existing main.

The lower section of the existing water main alignment consists of an overgrown trail with mature deciduous trees offset from the trail. This trail is designated as a multi-use trail in the Management Plan for the Conservation Area. The upper section of the water main alignment begins at University Drive, and passes through the SFU within roadways, parking lots and forested areas until reaching the SFU water tower. The new water main is proposed to twin the existing main's alignment to minimize impact on the Burnaby Mountain Conservation Area and SFU lands (Attachment # 2). To facilitate the construction and maintenance of the new main a widening of the current right of way within the Burnaby Mountain Conservation Area is required. It is proposed that the existing 6.0 metre right of way be widened by an additional 6.0 metres on its east edge.

An access road is to be constructed as part of the planned works. This access way will serve as a vehicle access route for operations staff for maintenance of the water main system. All areas disturbed by the planned construction with the exception of the access road will be reinstated with plantings similar to the surrounding forest. The construction of the proposed access road provides an opportunity to enhance the existing trail to serve as a multi-use trail as designated in the Burnaby Mountain Conservation Area Management Plan.

Parks staff have reviewed the proposal and were consulted during the design process. The access road is designed to be constructed as a naturally appearing meandering path through the forest crossing back and forth overtop of the new main. The existing 6.0 metre right of way area and portions of the proposed new 6.0 metre right of way adjacent to the access road path will be planted with a mix of vegetation to mimic the surrounding forest as the vegetation matures over time. The proposal is supported as it provides an opportunity to upgrade the existing trail for multi-use and to environmentally enhance this existing utility corridor.

PROPERTY DESCRIPTION

The City-owned land through which the existing and proposed water main utilities pass is located on the south slope of Burnaby Mountain and is addressed 1200 Gaglardi Way and described as:

“Lot 145, Except: Firstly: Part dedicated road on Plan LMP18081; Secondly; Part dedicated road on Plan LMP18082; Thirdly: Park dedicated road on Plan LMP18083; Fourthly Part subdivided by Plan LMP30518, District Lots 31,101, 141, 144, 147, 209, 210, 211, 212, 213 and 214, Group 1, New Westminster District, Plan 27774.”

The land is within the Burnaby Mountain Conservation Area and has been included in a park land dedication bylaw (1996). As the requested statutory right of way is for the expansion of an existing City water utility and will provide planned trail enhancements in the park, it is considered that there is no impediment to the granting of the requested statutory right of way over the dedicated park lands.

SUMMARY

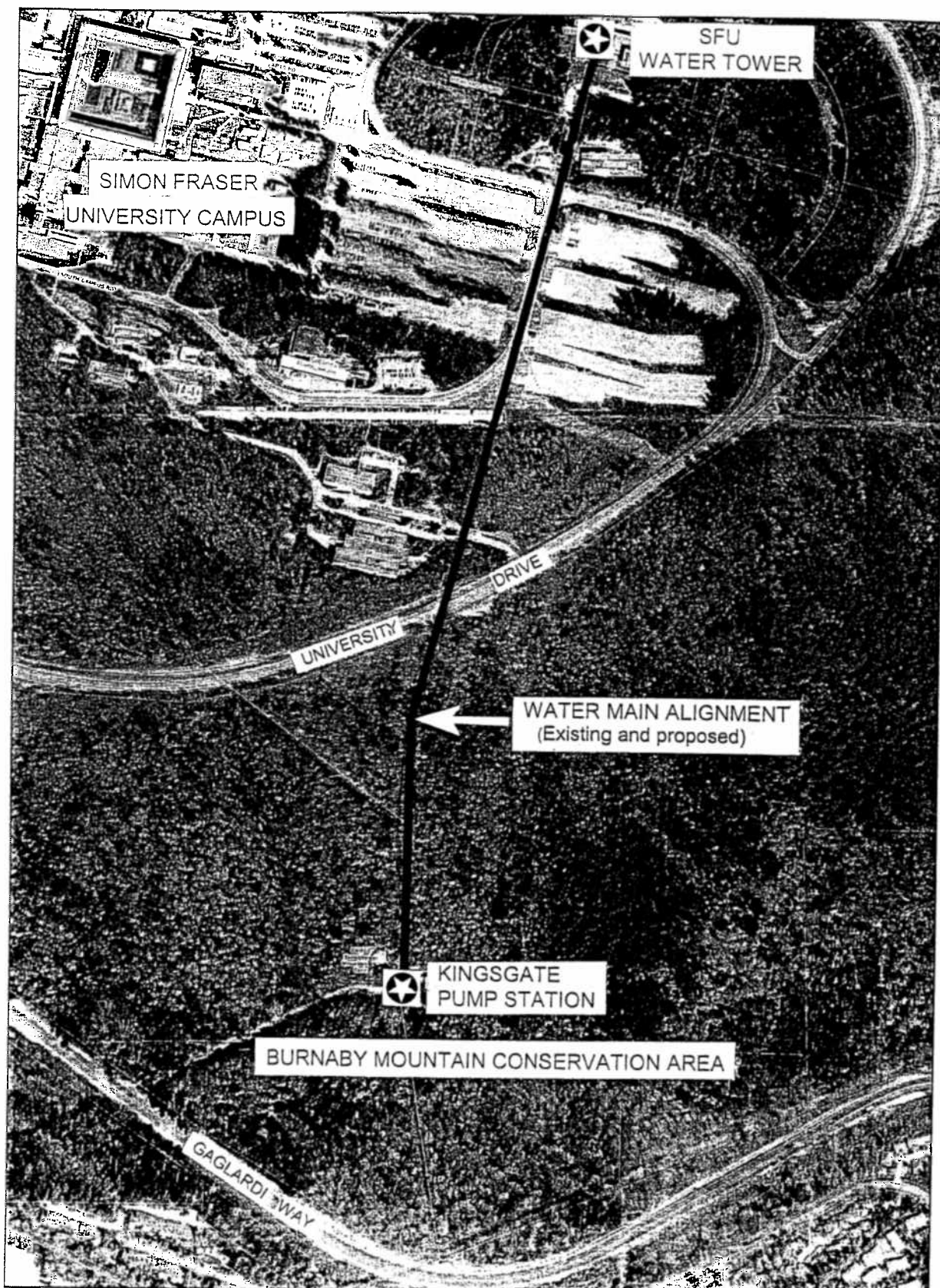
As part of the City of Burnaby's ongoing water distribution system renewal and upgrading program, the twinning of the existing supply trunk to Simon Fraser University (SFU) is planned for construction in 2004. In order to proceed, the widening of the existing city water utility corridor right of way which traverses Burnaby Mountain Conservation Area is necessary. Parks staff support the installation because the existing park use will not be affected, environmental impacts are minimal and in addition to providing access for operation and maintenance, the proposed access road will provide an enhanced multi use trail for park users as is proposed in the Commission and Council adopted Burnaby Mountain Conservation Area Management Plan. It is therefore recommended that Council be requested to authorize the execution and registration of a right of way over the city park land within Burnaby Mountain Conservation Area in favour of the City for water main purposes.

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Attachments (2)

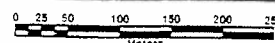
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cc. City Solicitor
Director Engineering



Proposed SFU Watermain Twinning

Scale 1:4,200



Attachment # 1

