



Parks, Recreation & Cultural Services  
Administration Office

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## INTER-OFFICE MEMORANDUM

TO: ENVIRONMENT COMMITTEE DATE: 2015 FEBRUARY 19

FROM: DIRECTOR PARKS, RECREATION AND CULTURAL SERVICES

SUBJECT: **BURNABY FRASER FORESHORE PARK – FRASER RIVER DYKE  
REHABILITATION COMPENSATION SITES**

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At its 'Open' meeting of 2015 February 18, the Parks, Recreation and Culture Commission received the attached staff report regarding the above subject and adopted the recommendations contained therein.

A copy of the report is attached for the information of the Environment Committee.

Dave Ellenwood

DP:tc

Attachment

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## COMMISSION REPORT

**TO:** CHAIR AND MEMBERS  
PARKS, RECREATION & CULTURE COMMISSION

**FROM:** DIRECTOR PARKS, RECREATION &  
CULTURAL SERVICES

**SUBJECT: BURNABY FRASER FORESHORE PARK - FRASER RIVER DYKE  
REHABILITATION COMPENSATION SITES**

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**RECOMMENDATIONS:**

1. **THAT** approval be given for use of two sites within Burnaby Fraser Foreshore Park for required Department of Fisheries and Oceans compensatory environmental in-stream and salmonid habitat enhancement works along Glen Lyon Creek and Fraser River foreshore riparian plantings, for the dyke rehabilitation and upgrade works undertaken by the City along reaches one and nine of the Fraser River North Arm dyke, as outlined in this report.
2. **THAT** a copy of this report be sent to the Environment Committee for information.

**REPORT**

As part of the City's ongoing program to upgrade flood protection works along the Fraser River the Director Engineering is requesting the use of several areas within the Burnaby Fraser Foreshore Park for the installation of aquatic, riparian and terrestrial habitat compensation works required by the Department of Fisheries and Oceans. The City's Burnaby Fraser Foreshore Park, a linked system of linear and large park area, extends over about half of Burnaby's river corridor. The proposed compensation sites are at two separate locations within the park as illustrated in the park map ([Attachment #1](#)), and involve building meanders and fish habitat into a section of the Glen Lyon Creek watercourse in an upland area of the park, and riparian planting along the Fraser River dyke and foreshore from Byrne Road to the Fraser Park Drive cul-de-sac.

Engineering Department Staff have submitted conceptual plans for the proposed habitat compensation works prepared by Dillon Consulting which meet the DFO's requirements and are acceptable to Parks Staff. Preservation of visual corridors to the Fraser River have been considered and protected in the riparian planting plan. The proposed Glen Lyon Creek stream channel alignment changes, including pools, and in-stream habitat complexing and riparian area planting will enhance the habitat value of this conservation zone within the park to support aquatic and terrestrial wildlife species, including Stickleback and Chinook Salmon found along this reach of Glen Lyon Creek.

To: Parks, Recreation & Culture Commission  
From: Director Parks, Recreation & Cultural Services  
Re: Burnaby Fraser Foreshore Park - Fraser River Dyke  
Rehabilitation Compensation Sites

..... Page 3

Signs will be posted in the park notifying the public of any temporary disruptions.

The construction contract will include a five year monitoring and maintenance period for the compensatory works on Glen Lyon Creek. Provision has been included in the channel design for a sediment pond facility at Marine Way with access for Engineering Operations, who are responsible for maintaining the Glen Lyon Creek watercourse.

The City must complete the installation of the required compensation works by 2015, December 21<sup>st</sup>. In order to meet this timeline, a number of approvals are required in sequence commencing with Commission approval, at its 2015, February 18<sup>th</sup> meeting, for use of the proposed compensation sites within Burnaby Fraser Foreshore Park.



Dave Ellenwood  
DIRECTOR PARKS, RECREATION & CULTURAL SERVICES

ATS:ats:tc

Attachment

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Copied to: Director Engineering  
Director Planning and Building

