

**TO:** CITY MANAGER  
**DATE:** 2002 10 22  
**FROM:** DIRECTOR ENGINEERING  
**FILE:** 40-02-01  
**SUBJECT:** CORRESPONDENCE FROM THE KAYMAR CREEK STREAMKEEPERS  
**PURPOSE:** To respond to correspondence from the Kaymar Creek Streamkeepers.

---

**RECOMMENDATION:**

1. **THAT** Council receive this report for information; and
2. **THAT** a copy of this report be sent to the Kaymar Creek Streamkeepers, c/o 4130 Irmin Street, Burnaby, BC, V5J 1X5.

**R E P O R T**

**1.0 INTRODUCTION**

Appearing elsewhere on the agenda is correspondence from the Kaymar Creek Streamkeepers requesting the flap gates on the outflow structure on Kaymar Creek at the Fraser River be restrained open through the Fall period. This report is prepared in response to the request and to provide Council with information on this matter.

**2.0 DISCUSSION**

Kaymar Creek is located in the western sector of the Big Bend area, midway between Boundary Road and Patterson Avenue (Figure 1 *attached*). Similar to other south slope watercourses, it flows down the sloped hillside and transits the flat plain area before entering the Fraser River. Flood protection for the low lying area is provided by dykes and a control structure at the river that has flap gates to prevent the Fraser River from backing upstream and causing flooding during high tides and heavy rainfall periods. As Kaymar Creek is a fish bearing stream, provision was made to ensure fish passage by installing a side mounted gate that allows fish passage upstream during low tides.

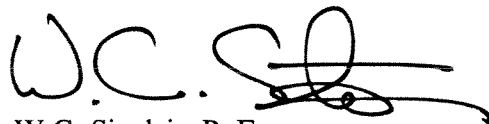
As in many other areas of the Big Bend, there has been substantial redevelopment that has occurred over the past 15 years that has flood proofed a number of properties. However, there are still many sites that are below the flood proofing elevation that still require protection from flooding by the dyking and flood control structures.

The streamkeepers have requested the gate be restrained open during the Fall period to permit access at all times to the creek for fish passage.

As the low lying properties are prone to flooding during high tide and heavy rainfall events, it is necessary for the City to retain the operation of the gate until such time as these properties are raised to the flood proofed elevation. In the interim, staff will continue to inspect the flood gates on a regular basis to remove debris from the inlet grates and to ensure proper operation of the side mounted flap gates to maintain fish passage.

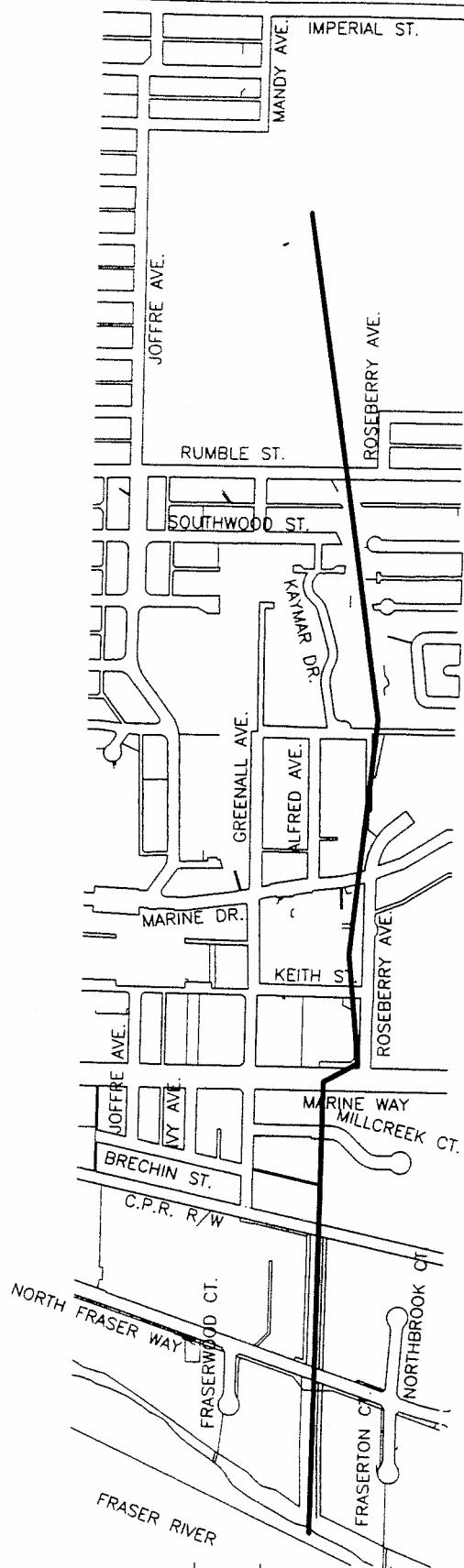
### 3.0 CONCLUSION

The Kaymar Creek Streamkeepers have requested that the Kaymar Creek flood control structure gates be restrained open for the Fall period. For flood protection purposes, the flood gates are required to be kept until such times as the low lying areas are flood proofed. Staff will continue to maintain the flood gates and work with the streamkeepers to provide fish passage to Kaymar Creek without compromising flood protection to low lying land. It is recommended that a copy of this report be sent to the Kaymar Creek Streamkeepers.



W.C. Sinclair, P. Eng.  
DIRECTOR ENGINEERING

BCD:dh  
Attachment



LEGEND

— KAYMAR CREEK

108

NO.	DATE	REVISION



KAYMAR CREEK  
FIGURE ONE

DRAWN BY: G.FUNK	SCALE: N.T.S.	<b>A</b> 583
APPRV'D BY:	DATE: 02-10-23	

