

RE: LETTER FROM MRS. E. WIDMER, SECRETARY, EAST BURNABY RATEPAYERS' ASSOCIATION  
WHICH APPEARED ON THE AGENDA FOR THE NOVEMBER 14TH MEETING OF COUNCIL (CORRESP 6)  
WATERMAIN LEAK ON 1ST STREET

MUNICIPAL MANAGER'S RECOMMENDATION:

1. THAT the recommendation of the Director Engineering be adopted.

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TO: MUNICIPAL MANAGER 1989 NOVEMBER 17

FROM: DIRECTOR ENGINEERING

SUBJECT: WATERMAIN ON 1ST STREET

PURPOSE: To respond to correspondence from the East Burnaby Ratepayers' Association.

RECOMMENDATION:

1. THAT a copy of this report be sent to Mrs. E. Widmer of 8281 - 16th Avenue, Burnaby, B.C., Secretary of the East Burnaby Ratepayers' Association.

REPORT

Appearing under correspondence in the agenda for the Council meeting of 1989 November 14 was a letter from Mrs. E. Widmer, Secretary of the East Burnaby Ratepayer's Association expressing concern about the leaking watermain on 1st Street.

The Municipality has a 150mm diameter watermain located within the 1st Street right-of-way. Staff have reviewed the history of this watermain and can find no recorded leaks and consequently believe the leaks in question refer to the Greater Vancouver Water District's (G.V.W.D.) 900mm diameter steel watermain which is also located within the 1st Street right-of-way. While the leaks in the G.V.W.D. watermain would be repaired by their crews, the road repairs would be undertaken by Burnaby crews at the G.V.W.D.'s cost. This allows us to monitor the quality and condition of the backfill materials and to ensure the roadway patching is undertaken to our standards. The presence of Burnaby road patching crews has likely led to the misconception that it was a Municipal watermain which was leaking.

Staff contacted the G.V.W.D. regarding their watermain and were told this steel main has a poor leak history recording approximately 12 leaks in this area in the last six years, with most of the leaks being grouped in two specific areas. These leaks were of the "pin-hole" type usually caused by corrosion. Measures can be implemented which can obviate the damage caused by corrosion.

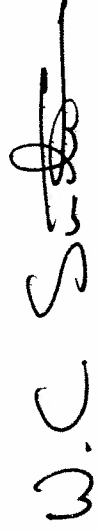
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ITEM 12  
MANAGER'S REPORT NO. 78  
COUNCIL MEETING 89/11/27

It is quite feasible to eliminate pin-hole leaks by providing cathodic protection thus ensuring many subsequent years of satisfactory performance. The G.V.W.D. does not have any plans to replace this watermain however since their measures do not appear to be solving the localized corrosion problems, the G.V.W.D. is scheduling a corrosion study of this area for 1990.

163

Our records indicate the water from these leaks remains adjacent to the curbwalk and should not pose a traffic hazard, but we will monitor the area to ensure hazards do not occur.



DIRECTOR ENGINEERING

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