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**CITY OF KELOWNA**

**MEMORANDUM**

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**Date:** February 16, 2005  
**File No.:** 5600-04  
**To:** City Manager  
**From:** Water/Drainage Engineer  
**Subject:** **Water Valves Replacement**

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**RECOMMENDATION:**

THAT Council approves the expenditure of \$75,000 for the replacement of water valves on Dehart Road at the intersections of Gordon Drive and Lakeshore Road;

AND THAT funding come from the Water Utility Main Failure Reserve;

AND FURTHER THAT the amendments to the 2005 Financial Plan be brought forward to accommodate this project.

**DISCUSSION:**

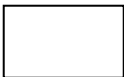
During recent maintenance activities on the City water system it was found that some of the watermain valves on Dehart Road at both Gordon Drive and Lakeshore Roads would not open or close properly. The valves are large diameter butterfly valves (400mm) and are located along the major links of the South Mission Water System, below the Westpoint Reservoir. The valves and watermain in this area are aging, and were originally installed as part of the Okanagan Mission Irrigation District. In the event of a watermain failure on one of these lines, the Utility would not be able to isolate the affected locations without interruptions to a large part of the service area. This would jeopardize water supply and available fire protection.

The Utility reviewed its available funding in both approved operating and maintenance accounts as well as planned 2005 capital works projects. It was determined insufficient funds are available to cover this cost. Review with the Financial Services Department has identified that sufficient funds exist in the Main Failure Reserve to cover these costs.

It is desirable to have these works completed before the irrigation season begins and therefore the works will be completed in late March and early April.

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Robin Barnes, Water/Drainage Engineer



Approved for inclusion:  
John Vos  
Director of Works & Utilities

cc: Director of Works and Utilities  
Director of Financial Services Department  
Utilities Supervisor