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**CITY OF KELOWNA**  
**MEMORANDUM**

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**Date:** August 24, 2004  
**File No.:** 5340-09-20

**To:** City Manager

**From:** Director of Works and Utilities

**Subject:** **FUNDS TO ADDRESS DRAINAGE ISSUES IN NORTH RUTLAND**  
**North Rutland Local Sewer Service Area #20**

**RECOMMENDATION:**

THAT the 2004 Financial Plan be amended by adding \$493,000 to address drainage issues in the North Rutland area with funding from the Downstream Storm Drain Reserve.

**BACKGROUND:**

The Rutland area has seen two significant storms in the past 8 months. As a result, a number of drainage problems have been identified. The Rutland area has a higher than average risk of flooding due to the large number of downward sloping driveways and inadequate drainage systems to control runoff.

The Drainage Division has identified various locations where engineered solutions are required to address these drainage issues. The Drainage Division proposes to address this by having the Consultants that are presently working on the sewer installation project design the solutions, and construct the works through the Contractors already on site. Our Consultants have provided the City with cost estimates for these drainage improvements in the amount of \$493,000, including design, construction, contingency and GST.

The funds for the implementation of these improvements will be added to existing contracts through various Change Orders. The construction work for these improvements is anticipated to commence in September, and be completed by the end of October, this year, as part of the North Rutland Sewer Specified Area #20 project.

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John Vos, P.Eng.  
Director of Works and Utilities

cc     Director of Financial Services  
        Wastewater Manager