



Corporate *NO: R098*

Report *COUNCIL DATE: April 30, 2001*

REGULAR COUNCIL			
TO:	Mayor & Council	DATE:	April 24, 2001
FROM:	General Manager, Engineering	FILE:	4867-005
SUBJECT:	Inter-Municipal Drainage Cost Sharing with the City of White Rock		

RECOMMENDATION

That Council:

1. Authorize introduction of the Surrey-White Rock Stormwater Drainage Agreement Authorization By-law.
2. Authorize the Mayor and Clerk to execute the agreement between the City and the Corporation of the City of White Rock for Inter-Municipal Drainage Cost Sharing for Knudson Creek and Coldicutt Ravines.
3. Authorize a payment of \$129,862.55 to be forwarded to the City of White Rock to cover the Surrey's share of the Inter-Municipal Drainage Cost Sharing Agreement.

INTENT

To seek council's approval to execute the drainage cost sharing agreement between the City of Surrey and the City of White Rock for drainage works in Coldicutt Ravine and Knudson Creek.

BACKGROUND

Both the City of Surrey and White Rock previously identified high priority drainage problems within natural ravines to which the neighbouring city contributes urban stormwater runoff. Both cities were faced with mitigative costs to control the erosion and minimize the risks to public and private properties.

In February of 1999, the City Councils of Surrey and White Rock met to discuss issues affecting both municipalities. Out of this meeting came instructions to draft an agreement for cost-sharing two drainage projects, one on Coldicutt Ravine and one on Knudson Creek.

In order to formulate an equitable cost sharing strategy to fund the works by both cities, Urban Systems was retained to develop an inter-municipal cost sharing formula and negotiation strategy. After careful review of historical land use, soil conditions, catchment areas, development potential and densities, the study recommended a cost sharing formula based on contributing catchment areas. A map of the contributing catchments for Knudson Creek and Coldicutt Ravine are attached.

Under the agreement, costs to be shared are limited to: engineering design and construction fees, right of ways, permit fees and capital works necessary to solve the drainage problems. Costs associated with community amenity features and regular maintenance are not eligible for cost sharing.

The cost sharing agreement is based on catchment areas as follows:

Table 1. Cost Sharing Contributions

	Knudson Creek	Coldicutt Ravine
City of Surrey	86%	65%
City of White Rock	14%	35%

DISCUSSION

The attached agreement and By-Law represents, we believe, a reasonable 'good neighbour' approach insofar as Surrey will be responsible for managing its Knudson Creek works and White Rock will be responsible for managing its Coldicutt Ravine works, and each will contribute to the cost of the other as shown in Table 1. The works constructed are designed for full build out to densities as allowed under Surrey's OCP. This agreement does not generate future commitments for Surrey either in terms of capital works or ongoing maintenance.

FUNDING

The works in both municipalities were completed in 2000 under our respective regular capital works programs. The total eligible costs for Surrey's Knudson Creek project was \$979,708.87. The total eligible cost for White Rock's Coldicutt project was \$410,802.76.

Applying the cost sharing formula in the Table 1 yields a net balance of \$129,862.55, payable by Surrey to the City of White Rock. Funds are available in project 48013010-00 in the 2001 budget to cover these costs.

CONCLUSION

By executing this fair and equitable cost sharing agreement, the City of Surrey and White Rock will complete cooperation on two major inter-municipal drainage projects to control the erosion and minimize the risks of damage to public and private properties in both cities. Future inter-municipal drainage works will be looked at on a case-by-case basis.

This By-law and agreement has already been approved by the City of White Rock.

Jorgen Johansen, P.Eng.
General Manager, Engineering

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