DATE: JUNE/98	REV. 3

LAND USE	RUNOFF COEFFICIENTS
SINGLE FAMILY RESIDENTIAL (ROOF DRAINAGE DOWNSPOUTS DISCHARGING ONTO PERVIOUS SURFACE)	0.40
SEMI–DETACHED RESIDENTIAL (ROOF DRAINAGE DOWNSPOUTS DISCHARGING ONTO PERVIOUS MATERAIL)	0.45
APARTMENTS, TOWNHOUSES, MAISONETTES	0.75
INSTITUTIONAL (SHOOLS, etc.)	0.75
COMMERCIAL and INDUSTRIAL	0.85
PARKS and OPEN SPACE	0.30

FOR THE DEVELOPMENT OF COMPOSITE RUNOFF COEFFICIENTS
THE FOLLOWING COEFFICIENTS ARE RECOMMENDED:

CHARACTER OF SURFACE	RUNOFF COEFFICIENTS
ASPHALT, CONCRETE and ROOFS	0.90
LAWNS – FLAT SLOPE, 2% and UNDER	0.13 – 0.17
– AVERAGE SLOPE, 2% TO 7%	0.18 – 0.22
– STEEP SLOPE, 7% and OVER	0.25 – 0.35

IN ORDER TO ACCOUNT FOR ANTECEDENT PRECIPITATION CONDITIONS FOR THE LESS FREQUENT, HIGHER INTENSITY STORMS, THE DERIVED RUNOFF COEFFICIENTS SHOULD BE MULTIPLIED BY 1.1, 1.2, AND 1.25 FOR STORM FREQUENCIES OF 25, 50 AND 100 YEARS RESPECTIVELY. THE PRODUCT HOWEVER SHOULD NOT EXCEED 1.0

APPROVED J. Edwardson DIRECTOR OF ENGINEERING DATE: Feb. 17/99	CITY OF BURLINGTON ENGINEERING DEPARTMENT	METRIC SCALE: N.T.S.
	SEWER DESIGN Recommended Runoff Coefficients	DWG. NO. S-3D