FORM C: ECONOMIC ANALYSIS
(See B11)

THE DESIGN AND CONSTRUCTION OF MAPLES COMMUNITY CENTRE SPRAY PAD

When the splash pad is operating, the expected flow rate will be limited to _____US GPM, which would result in a daily use of _____ cubic meters/day.

Item	**Formula**	**Label**	**Calculation**
Water management Option			Drain away system
Splash Pad Area (square metres, not incl. overspray area)			325 sm
Total Play Feature Flow rate (US GPM)		(A)	
Sequencing Factor		(B)	
Design Flow rate (US GPM)	(A) x (B)	(C)	
Design Flow per Hour (US GPH) (assume 50 min hr. operating)	(C) x 50	(D)	
Design Flow per Day (US GPD) (assume 6 hrs operating per day)	(D) X 6	(E)	
Operational Days		(F)	60
Water Usage per Season (assume combined rate is $3.69 per cubic meter)	(E) x (F)	(G)	
Water and Sewer Cost per Season (assume combined rate of $4.86 per cu.m)	(G) X 4.86	(H)	$
Operating Staff (monitoring), incidentals		(I)	$4,800.00 (estimated)
Total Annual Operating Cost	(H) + (I)	(J)	$

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Name of Proponent