

APPENDIX F

WATER CONSUMPTION ESTIMATOR

Total Play Product Flow (GPM)	
Manifold Capacity (GPM)	
Sequencing Factor	
Sequenced Flow Rate	
Average Sequence Flow Value	
System Flow after Downtime between Activation	
Maximum Flow per Hour (GPH)	
Hours per Season	
Consumption per Season (gallons)	
Average Daily Consumption (GPD)	
Average Daily Consumption (m ³)	
Cubic Meters per Season (m ³)	
Estimated Evaporation / Bather Load Loss	Assume 5%
Water Meter Cost per M ³	\$
Sewer Cost per M ³	\$
Total Cost per Season	\$

ANTICIPATED WATER CONSUMPTION

Water Management Option	Flow Through
Splash Pad Area (ft. ²)	
Total Play Feature Flow Rate (GPM)	
Design Flow Rate (GPM)	
Operational Days/Year	Assume 60
Water Usage per Season (m ³)	
Water Cost per Season	\$
Operating Staff (monitoring), incidentals	\$1500 (estimated)
Electrical Service Costs	\$
Total Annual Operating Cost	\$

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