



Figure 2A2.1 The solutions to Equations (2A2.1) and (2A2.8). (A) The volume of water, V , in the pool as a function of time; V_{pool} is the final value when the pool is full. (B) The relative concentration, C , of *E. coli* in the pool as a function of time. C_{in} is the concentration in the inflow and C_0 is the concentration at time $t=0$. Renewal times, τ , are indicated for both models.