





Carbon Dioxide Removal Problem The flow to each aerator is: $Q = 40,000 \ persons \left[\frac{130gal}{person - day} \right] = 5.2 \times 10^6 \ \frac{gal}{day}$ $Q = \left[5.2 \times 10^6 \ \frac{gal}{day} \right] \left[\frac{day}{1,440 \text{ min}} \right] = 3,611.1 \ \frac{gal}{\text{min}}$ Four rate $Q = \left[3,611.1 \ \frac{gal}{\text{min}} \right] \left(\frac{1}{5} \right) = \left[722.2 \ \frac{gal}{\text{min}} \right]$ Flowrate/aerator





