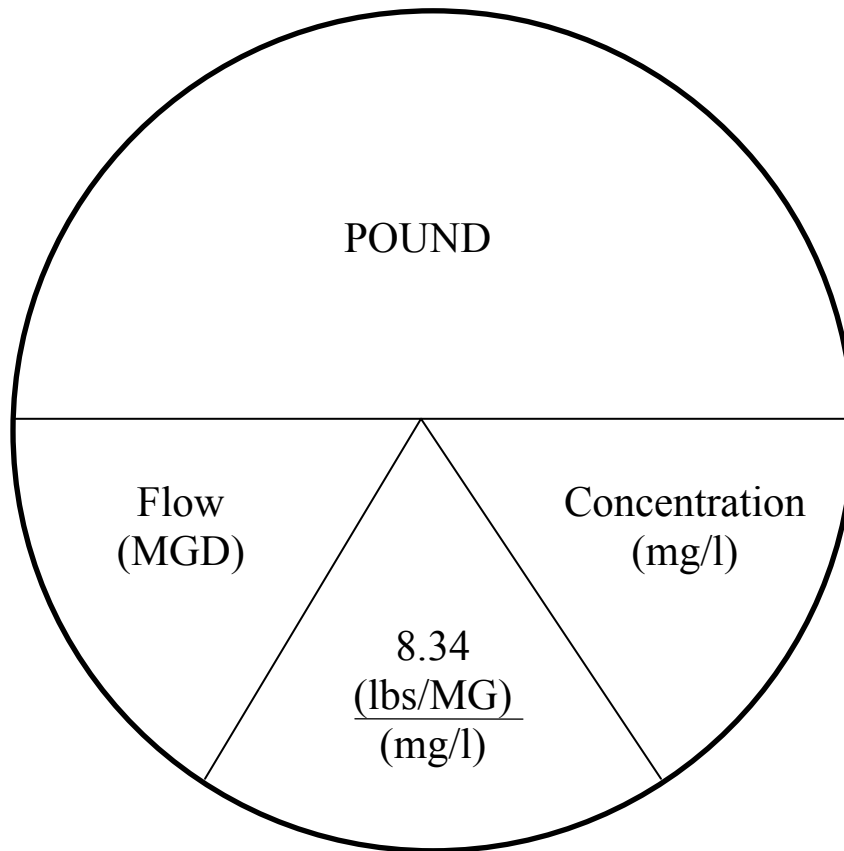


WW II-IV Pie Chart



Pump Rate (gpm) = Influent Rate – Rise Rate w/pump running

Pump Rate (gpm) = Volume/Time = Volume divided by Time

Total Residual Chlorine = Dosage – Chlorine Demand

Volume of Chemical Added = $\frac{(\text{Final Volume} \times \text{Final Concentration})}{(\text{Concentration of Chemical Added})}$

Time for 100% Settling = (Depth) / (Settling Rate)

Tank Length Required = (Velocity) x (Time for 100% Settling)