Figure: 30 TAC §317.4(i)(3)

$$E = \frac{1}{1 + K\left(\frac{V}{Q}\right)}$$

Where:

E = efficiency of a complete mix of reactor without recycle
K = removal rate constant, day-[1] (generally 0.5 day -1 for domestic sewage)
V = aeration basin volume, million gallons
Q = wastewater flow rate, in million gallons per day