

Figure: 30 TAC §217.206(d)

Equation H.1.

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

Where:

E = fraction of five-day biochemical oxygen demand removed in aerated lagoon

K = first order removal rate constant, day⁻¹

V = aeration basin volume, million gallons

Q = design influent wastewater flow rate, million gallons per day.