

Figure: 30 TAC §217.96(a)(3)

Equation D.4.

$$VT = VR + VN$$

Where:

VT = Total Volume

VR = Reserve Volume = 0.75 x average daily flow (ADF)

VN = Nominal Volume

Equation D.5.

$$VN = VIE + VCZ + VSO$$

Where:

VIE = Volume in gallons between elevation of a tank inlet and a tank outlet (≤ 0.165 ADF)

VCZ = Volume in gallons of the clear zone between maximum sludge depth and scum accumulation (1.0 ADF)

VSO = Volume in gallons dedicated to scum and sludge storage (1.85 ADF)