

SLUDGE PROCESSING

Solids Loading:

Solids Loading = (Sludge Flow × % Solids × 8.34) ÷ Area

Units: lbs/day/ft²

Digester Loading:

Volatile Solids Loading = (VS lbs/day) ÷ Digester
Volume

Units: lbs VS/day/ft³

Dewatering:

Cake Solids = (Feed Solids × Recovery) ÷ Cake Flow

Polymer Dose = (Polymer lbs/day) ÷ (Sludge Flow ×
8.34)