

Figure: 30 TAC §217.164(e)(2)(C)

Equation F.13.

$$MLSS_{pf} = \frac{UR_{T11} * RSSS_{T11}}{OR_{pf} + UR_{T11}}$$

Where:

UR_{T11} = Underflow rate (UR) (gallons per day per square foot (gpd/sf)) from Table F.11 in Figure 3: 30 TAC §217.164(e)(2)(I)

OR_{pf} = Weir overflow rate at peak flow (gpd/sf)

$MLSS_{pf}$ = Diluted mixed liquor suspended solids during peak flow (milligrams per liter (mg/l))

$RSSS_{T11}$ = Maximum return sludge concentration for the selected UR (mg/l) from Table F.11. in Figure 3: 30 TAC §217.164(e)(2)(I)