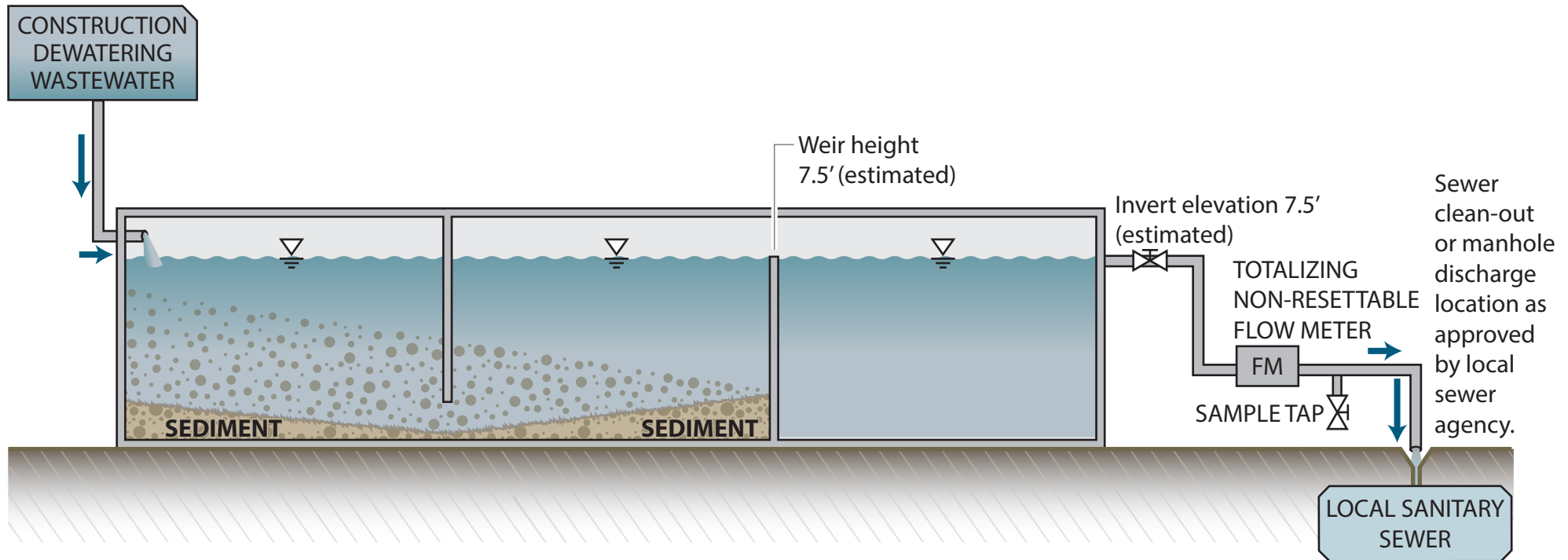


Rectangular Sedimentation (Settling) Tank - Weir Configuration - Flow-through Discharges Gravity Discharges



Tank dimensions (hypothetical): 8' (W) x 9' (H) x 40' (L)

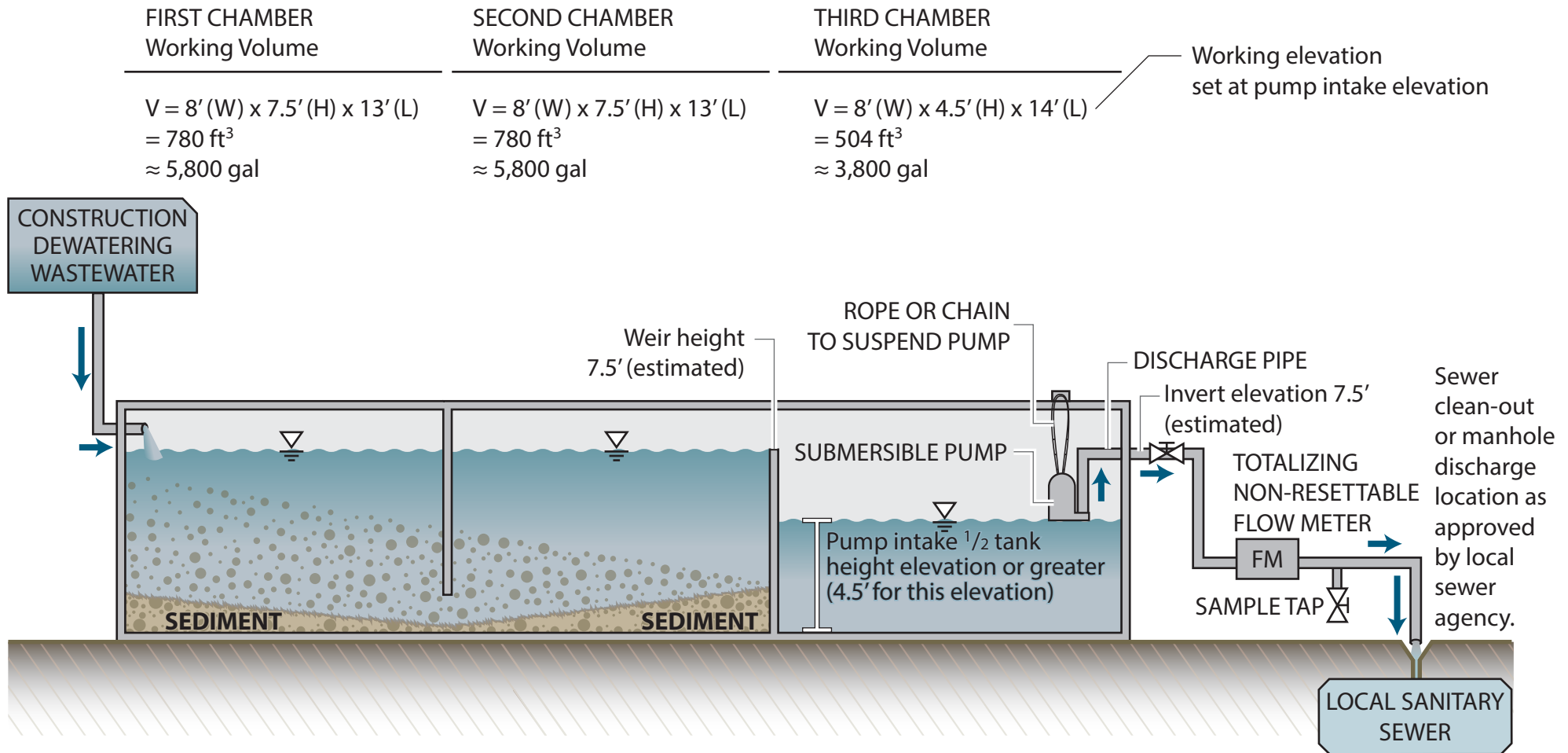
Working dimensions (hypothetical - at water level): 8' (W) x 7.5' (H) x 40' (L) = 2,400 ft³ ≈ 18,000 gal

Maximum discharge rate at 90 minute retention time: 18,000 gal/90 min = 200 gal/min

Scale: NTS

(Based on empty tank working dimensions.)

Rectangular Sedimentation (Settling) Tank - Weir Configuration - Flow-through Discharges Pumped Discharges



Tank dimensions (hypothetical): 8' (W) x 9' (H) x 40' (L)

Working dimensions (hypothetical - at water level): 5,800 gal + 5,800 gal + 3,800 gal = 15,400 gal

Maximum discharge rate at 90 minute retention time: 15,400 gal/90 min = 170 gal/min

Scale: NTS

(Based on empty tank working dimensions.)