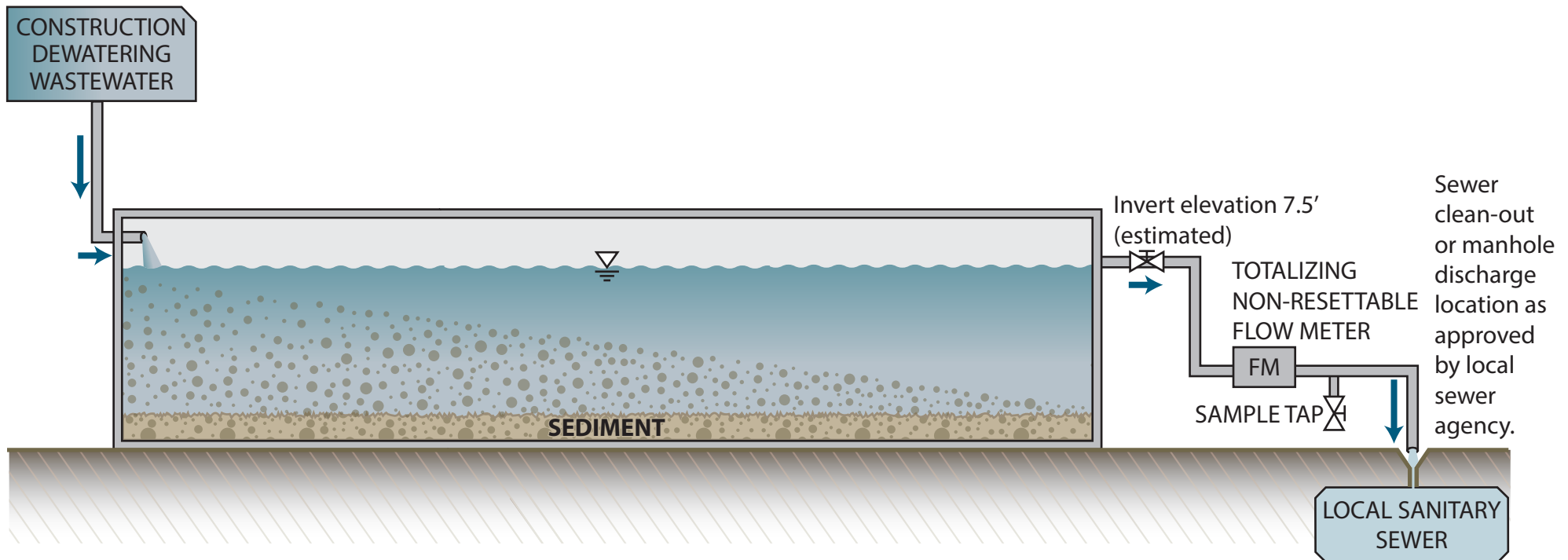


# Rectangular Sedimentation (Settling) Tank - Open-top Configuration - Flow-through Discharges Gravity Discharges



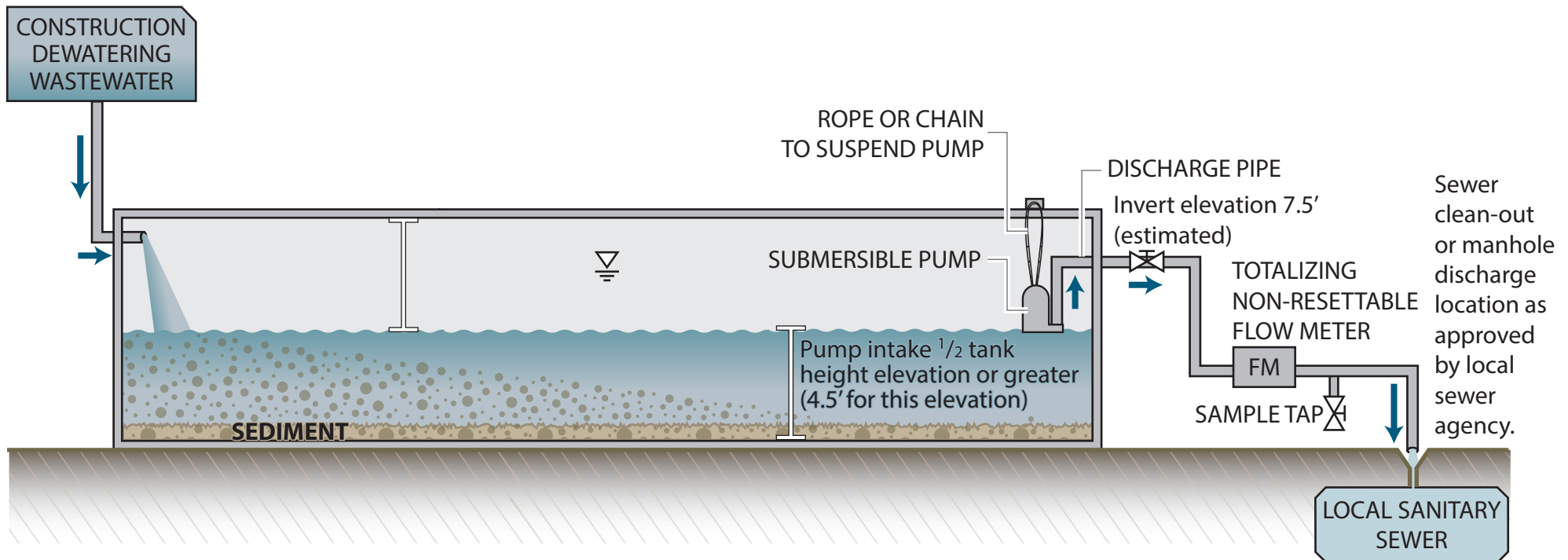
Tank dimensions (hypothetical): 8' (W) x 9' (H) x 40' (L)

Working dimensions (hypothetical - at water level): 8' (W) x 7.5' (H) x 40' (L) = 2,400 ft<sup>3</sup> ≈ 18,000 gal

Maximum discharge rate at 90 minute retention time: 18,000 gal/90 min = 200 gal/min  
(Based on empty tank working dimensions)

Scale: NTS

# Rectangular Sedimentation (Settling) Tank - Open-top Configuration - Flow-through Discharges Pumped Discharges



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

Working dimensions (hypothetical - at water level): 8' (W) x 4.5' (H) x 40' (L) = 1,400 ft<sup>3</sup> ≈ 10,800 gal

Maximum discharge rate at 90 minute retention time: 10,800 gal/90 min = 120 gal/min  
(Based on empty tank working dimensions)

Scale: NTS