

# Inland Empire Brine Line Hydraulic Design Criteria

Facility	Criteria
Gravity Mains	$d/D \leq 0.75$ for PWWF  Velocity > 2.0 fps
Siphons	No siphon may cause an upstream gravity main to exceed design criteria for PWWF (Gravity main designed for pressure flow with sealed manholes are excepted)
Reach V Force Mains	The pressure in any force main shall not exceed the manufacturer's design pressure under PWWF.

