



$$Q = CA [64.34(H_1 - H_2)]^{0.5}$$

NOTE: 1. $C = 0.52$ FOR 6 INCH OR LESS DIAMETER OPENINGS
 $C = 0.82$ FOR 8 INCH OR LARGER DIAMETER OPENINGS

$$A = \frac{\pi D^2}{4}$$

C = COEFFICIENT
 Q = FLOW IN CFS
 A = A IN S.F. = $\frac{\pi D^2}{4}$
 H_1 = UPSTREAM HEAD, FT.
 H_2 = DOWNSTREAM HEAD, FT.