

Date Test Performed:

WATER SYSTEM PRESSURE TEST

PROJECT NAME: _____

Description or Location of Section Tested: _____

(1) Length of Pipe = _____ ft.

(2) Pipe Diameter = _____ inches

(3) Maximum Allowable Leakage = 10 gallons per inch of pipe diameter, per mile of pipe per 24 hours.

or

$$\frac{[(\text{Item (1)} \times \text{Item (2)} \times 10)]}{5280} = \text{Allowable Leakage in Gals./24 hours}$$

$$\left[\left(\frac{\quad}{5280} \right) \times \left(\quad \right) \times 10 \right] = \quad \text{Gallons per 24 hours}$$

(4) Maximum Allowable Leakage Per Hour = Item (3) ÷ 24

$$\quad \div 24 = \quad \text{Gallons Allowable Per Hour}$$

(5) Test Procedure:

a) Fill pipe with water until all air is exhausted.

b) Raise pressure to rated working strength of pipe by pumping from a container.

c) Refill container and pump to maintain pressure for duration of test.

d) At the end of test period measure water required to refill container to preset level.

(6) Amount of Water Used to Refill Container: _____

(7) List Equipment Used:

Name of Persons Applying Test:

Signed by Inspector Supervising Test: _____