

FORCE MAIN 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

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

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

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

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

(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: \_\_\_\_\_