

PROJECT NAME: _____
 CONTRACTOR: _____
 WITNESS: _____
 LINE PRESSURIZED: DATE: _____ TIME: _____ am / pm
 LINE TESTED: DATE: _____ TIME: _____ am / pm

$$L = \frac{SD\sqrt{P}}{148,000}$$

LEAKAGE FORMULA

L = Testing (leakage) allowance (makeup water), in gallons per hour = _____ GPH
 S = Length of pipe tested in feet = _____ FEET
 D = Nominal diameter of the pipe, in inches = _____ INCHES
 P = Average test pressure during the hydrostatic test, in pounds per square inch (gauge) _____ PSI

*If multiple diameters of water main are being tested, separate leakage (L) calculation shall be added together.

NOTES AND CALCULATIONS

2-HOUR TEST

TOTAL ALLOWABLE LEAKAGE = L X 2 HOURS	_____ GALLONS	A
INITIAL TEST PRESSURE (MINIMUM 150 PSI)	_____ PSI	B
FINAL TEST PRESSURE	_____ PSI	C
PASS (B-C<5 PSI) OR FAIL (B-C>5 PSI)		
MAKE UP VOLUME	_____ GALLONS	D
PASS (A > D) OR FAIL (A < D)		E

LOCATION DIAGRAM AND SAMPLING MAP



Revised:
1.
2.
3.
4.

Drawing Name
**WATER MAIN PRESSURE
 TEST AND CHLORINATION
 WORKSHEET**

Drawing Number
UW-09B
 Date: 08/18/2023
 Drawn Checked
 JRG PW

