HYDROSTATIC TEST REPORT

Project: _____ Date: _____

Engineer of Record witness (print): _____

BSU Inspector (print): _____

Type of Line: ☐ Water Main ☐ Force Main

$D_{1,2,3}$ = Nominal diameter of the pipe (inches): D_1: ____ D_2: ____ D_3: ____

$L_{1,2,3}$ = Length of pipe section being tested (feet): L_1: ____ L_2: ____ L_3: ____

Required Test Pressure (psi): _____ *(150 psi – Water Mains, 100 psi – Force Mains)*

TEST

Start time: _____ Start pressure (psi): _____

Stop time: _____ Stop pressure (psi): _____

P = Average test pressure during the hydrostatic test (psi): 0.0

A = Amount of makeup water used (gallons / 2 hours): _____

Q = $Q_1 + Q_2 + Q_3$ = Allowable quantity of makeup water (gallons / hour):

$$Q = \frac{L_1 D_1 \sqrt{P}}{148{,}000} + \frac{L_2 D_2 \sqrt{P}}{148{,}000} + \frac{L_3 D_3 \sqrt{P}}{148{,}000} = 0.00 \text{ (gallons / hour)}$$

Q x 2 = 0.00 (gallons / 2 hours)

(A) < (Q x 2) → Pass ☐ (A) > (Q x 2) → Fail ☐

Engineer of Record (signature): _____

BSU Inspector (signature): _____

(The BSU Inspector will not sign the form until all of the information has been properly completed)

A signed and sealed copy of the completed form shall be submitted to BSU within one (1) week after the successful test. A copy of the form shall be required to be submitted with the turnover package.

March 2016