

Leakage testing must be done in accordance with AWWA C605-13, Section 10.3.

- Leakage test shall not be performed against a valve or other fitting connected to the existing District of Lake Country waterworks.
- The test pressure shall be the greater of 150psi(1035kpa) or 1.5x the operating pressure.
- No test pressure shall exceed the rated working pressure
- Test duration minimum is 2 hours

PROJECT INFORMATION

Project Name:		Project File #	
Engineer:		Contractor:	
Leakage Test Date:			

TEST DATA

Test Section Description:			
Static Pressure		Test Pressure	
Length of Main Tested (L):		Diameter (d)	
Type of Pipe:		Allowable Leakage per hour (Litres/hr)	
Measured Leakage (Litres):		(Litres/Hr)	
Duration of Test (Hr):			

ALLOWABLE LEAKAGE FORMULA

<p>AWWA STANDARD C605 Allowable Loss Per Hour</p> $= \frac{L \times D \times P^{1/2}}{795,000}$	<p>L = Length of main in meters D = Diameter in millimeters P = Test Pressure in Kilopascals (6.9kPa = 1 psi)</p>
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TEST RESULTS

Passed

I hereby certify that this test has been performed in accordance with District of Lake Country Subdivision and Development Servicing Bylaw, District Policy, and applicable standards.

Sealed and Signed by Professional Engineer

Date