

Sample

Pressure Test / Leakage Test Report

(Please print all information)



Project Name: Jones Road Waterline
Contract DX-7

Date of Testing: Sept 20, 2016

Inspector Name: Jonathan Smith

Firm: ECWA

Location: #407-620 Jones Road

Watermain Diameter: 8 inches

Diameter of Reservoir: 12 inches

Watermain Type: DIP PVC PCCP

Starting Depth: 4 inches

If Reservoir is greater than 15" in diameter, the test shall be run for a minimum of four (4) hours.

Ending Depth: 7 inches

Length of Main: 1,456 linear feet
(Maximum distance of 2,000 LF)

Volume Loss: 0.196 cf x 7.48 gal/cf = 1.47 gallons

Leakage Rate Allowed: 0.53 g/hr/1000 LF x 1456 LF x 2 hrs divided by 1000 = 1.54 gallon

Time (hrs:min)	Pressure Reading (psi)	Repressurized To (psi)	Pressure Loss (psi)	Cumulative Pressure Loss (psi)	Leakage Recorded (gal)
0:00	171	—	0	0	0
0:15	170	171	1	1	0.88
0:30	170	171	1	2	0.59
0:45	171	—	0	2	—
1:00	171	—	0	2	—
1:15	171	—	0	2	—
1:30	171	—	0	2	—
1:45	171	—	0	2	—
2:00	171	—	0	2	—
If the cumulative pressure loss is 3 psi or greater, run test for another 2 hours.					
2:30					
3:00					
3:30					
4:00					
Total Recorded Leakage (gal):					<u>1.47</u>
Total Allowed Leakage (gal):					<u>1.54</u>

- Before the test, did you witness all the line valves opened, and all the end valves closed? Yes / No
- Does the mainline, and every tee branch, have 2" or larger blowoffs for proper flushing? Yes / No
- Did you witness the pressure gauge dropping to zero when the pressure was released? Yes / No
- Was the total pressure loss recorded less than 5 psi? Yes / No
- Do you believe the test passed per all current ECWA and Erie County Health Dept specifications? Yes / No

Jonathan Smith
Inspector's Signature and Date