Water and Force Main Pressure Test Report
(PVC Pipe)

Choose One:
____ Water Main
____ Force Main

Date:_____

Project Name: _____

Approval Number:_____ Location:_____ _____ _____

_____

Starting Time of Test:_____ Starting Pressure (psi): _____(150 psi min.)

Ending Time of Test:_____ Ending Pressure (psi): _____(150 psi min.)

Duration of Test (Minutes): _____(120 min.)   Average Test Pressure (psi):_

Computation for Allowable Leakage	Pipe Diameter				
	(Use separate column for each pipe size)				
	1	2	3	4	5
D = Diameter of tested pipe (inches)					
N = Number of Joints					
P = Average test pressure (psig)					
Allowable pipe leakage (gal/hr) $L = (N*D*(P^{1/2})) / 7400$					
N_v = Number of closed valves in tested pipe					
Allowable valve leakage (gal / hr) $V = 0.0078*D*N_v$					
Allowable Leakage (gal / hr) $T1 = L + V$					
Allowable Leakage (gallons) $T2 = 2*T1$					

Total Allowable Leakage equals Sum of Columns 1+2+3+4+5 = _____ gallons.

Measured Leakage =_____ gallons

The above test (does) / (does not)   meet the requirements.

Remarks:_____

_____ _____

Test Witnessed By: Inspector:_____
                                    Engineer:_____ _____
                                    Utility/ Contractor:_____ _____

Return Form to: Environmental Engineering
                          2090 E. Clower St.
                          Bartow, FL 33830   **October 15, 2007**