

Hampton Roads Sanitation District
Engineering Division
Design and Construction Department

Report of Hydrostatic Pressure Test

Date				
Contract				
Type of Pipe				
Pipe Diameter (inch) [D]				
Length Tested (feet) [S]				
From Station				
To Station				
Location of Test Gauge				
Line Filled for 24 Hours?	Yes		No	
Test Pressure Used (psi) [P]				
Start Time of Test		AM		PM
End Time of Test		AM		PM
Allowable Leakage (gal/hr) [L]				
Actual Leakage (gallons)				
Test Passed?	Yes		No	

Hydrostatic Test Formula:	Where:
$L = \frac{SD(P)^{0.5}}{148,000}$	L = Allowable leakage, in gallons/hr. S = Length of pipe tested, in feet. D = Nominal diameter of the pipe, in inches (P)^{0.5} = Square Root of average test pressure during leakage test, in psig

Remarks:

Signatures:

Inspector	Contractor Individual	HRSD Individual
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Distribution: HRSD / Engineer / Contractor