

Hampton Roads Sanitation District  
Engineering Department  
Design and Construction Divisions

Report of Hydrostatic Pressure Test

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

Hydrostatic Test Formula:	Where:
$L = \frac{SD(P)^{0.5}}{148,000}$	<b>L</b> = Allowable leakage, in gallons/hr. <b>S</b> = Length of pipe tested, in feet. <b>D</b> = Nominal diameter of the pipe, in inches <b>(P)<sup>0.5</sup></b> = 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