

Force Main Pressure Test Report North Charleston Sewer District



Project: _____ Date: _____

DHEC Permit #: _____ Test Duration: _____

NCSD Representative: _____

Contractor: _____

Contractor Representative: _____

Engineering Firm: _____

Engineering Firm Representative: _____

Allowable leakage calculations based on American Water Works Association (AWWA):

$$L = 0.000007 \times S \times D \times \sqrt{P}$$

- Where: L = Allowable Leakage (gph)
 S = Length of Pipe Tested (ft)
 D = Nominal Diameter of Pipe (in)
 P = Average Test Pressure (psig)

	<u>Time</u>	<u>Pressure</u>	<u>Diameter (in)</u>	<u>Length (ft)</u>	<u>Allowable Leakage (gph)</u>
Start		PSI			
End		PSI			

1-Hour Total Allowable Leakage, L₁ = _____ gal

2-Hour Total Allowable Leakage, L₂ = _____ gal

Actual Leakage = _____ gal

Passed Failed