Hampton Roads Sanitation District

Engineering Department

Design and Construction Divisions

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 = 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 |
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Remarks:

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Signatures:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| Inspector | Contractor Individual | HRSD Individual |

**Distribution:**  HRSD / Engineer / Contractor