



Utility Department - Distribution System

Fire Hydrant flow Test

Date of Test: 7/24/2024 Hydrant Tested: TC-082 Main Size: 10"

Location: Town Center & Royal Palms

Special Circumstances: _____

Test results: Time of Test: 9:15am

Static Pressure (SP) 58 @ Hydrant No. TC-082

Residual Pressure (RP) 50 → during test.

Flow During Test (Q) 1060 GPM @ Hydrant No. TC-046

Test Performed by: Bill Deitrick Dusty Holloway

Calculation of flow availability

Calculation: $h_r = SP - DR$ (Pressure drop to desired residual (DR), normally 20 PSI)
 $h_i = SP - RP$ (Pressure drop during test)
 $Q - Available = Q \times h_r / h_i$

Q-Available 2459 @ 20 PSI (DR)

Calculated By: Terry Schweers Date: 7/25/2024