

Arizona Flow Testing LLC

HYDRANT FLOW TEST REPORT

Project Name:	Not Provided
Project Address:	7801 East San Miguel Avenue, Scottsdale, Arizona, 85250
Client Project No.:	Not Provided
Arizona Flow Testing Project No.:	22503
Flow Test Permit No.:	C69516
Date and time flow test conducted:	July 21, 2022 at 7:30 AM
Data is current and reliable until:	January 21, 2023
Conducted by:	Floyd Vaughan– Arizona Flow Testing, LLC (480-250-8154)
Witnessed by:	Ray Padilla –City of Scottsdale-Inspector (602-541-0586)

Raw Test Data

Static Pressure: **76.0 PSI**
(Measured in pounds per square inch)

Residual Pressure: **64.0 PSI**
(Measured in pounds per square inch)

Pitot Pressure: **33.0 PSI**
(Measured in pounds per square inch)

Diffuser Orifice Diameter: One 4-inch Pollard Diffuser
(Measured in inches)

Coefficient of Diffuser 0.9

Flowing GPM: **2,468 GPM**
(Measured in gallons per minute)

GPM @ 20 PSI: **5,671 GPM**

Data with 10% Safety Factor

Static Pressure: **68.4 PSI**
(Measured in pounds per square inch)

Residual Pressure: **56.4 PSI**
(Measured in pounds per square inch)

Distance between hydrants: Approx.: 470-Feet

Main size: Not Provided

Flowing GPM: **2,468 GPM**

GPM @ 20 PSI: **5,242 GPM**

Flow Test Location

