

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

