

Arizona Flow Testing LLC

HYDRANT FLOW TEST REPORT

Project Name:	Core Center SBC
Project Address:	15333 North Hayden Road, Scottsdale, Arizona 85260
Client Project No.:	Not Provided
Arizona Flow Testing Project No.:	22762
Flow Test Permit No.:	C70509
Date and time flow test conducted:	October 26, 2022 at 8:40 AM
Data is current and reliable until:	April 26, 2023
Conducted by:	Floyd Vaughan – Arizona Flow Testing, LLC (480-250-8154)
Coordinated by:	Aaron Roby – City of Scottsdale-Inspector (480-407-7022)

Raw Test Data

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

Residual Pressure: **66.0 PSI**
(Measured in pounds per square inch)

Pitot Pressure: **36.0 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: **2,578 GPM**
(Measured in gallons per minute)

GPM @ 20 PSI: **6,536 GPM**

Data with 10% Safety Factor

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

Residual Pressure: **58.4 PSI**
(Measured in pounds per square inch)

Distance between hydrants: Approx.: 680 Feet

Main size: Not Provided

Flowing GPM: **2,578 GPM**

GPM @ 20 PSI: **6,041 GPM**

Flow Test Location

North ↑

