

Arizona Flow Testing LLC

HYDRANT FLOW TEST REPORT

Project Name:	Paradise Valley Lot re-orientation
Project Address:	5602 N Wilkinson & 6430 E Luke, Paradise Valley, AZ 85253
Client Project No.:	Not Provided
Arizona Flow Testing Project No.:	17217
Date and Time flow test conducted:	October 3, 2017 at 8:30 AM
Data is current and reliable until:	April 3, 2018
Conducted by:	Floyd Vaughan – Arizona Flow Testing, LLC (480-250-8154)
Coordinated by:	Eric Coppinger – EPCOR Water (602-309-1164)

Raw Test Data

Static Pressure: **72.0 PSI**
(Measured in pounds per square inch)

Residual Pressure: **65.0 PSI**
(Measured in pounds per square inch)

Pitot Pressure: **55.0 PSI**
(Measured in pounds per square inch)

Diffuser Orifice Diameter: One (2 ½ inch)
(Measured in inches)

Coefficient of Diffuser: 0.9

Flowing GPM: **1,245 GPM**
(Measured in gallons per minute)

GPM @ 20 PSI: **3,676GPM**

Data with 10 % Safety Factor

Static Pressure: **64.8 PSI**
(Measured in pounds per square inch)

Residual Pressure: **57.8 PSI**
(Measured in pounds per square inch)

Distance between hydrants: 500 Feet

Main size: Not Provided

Flowing GPM: **1,245GPM**

GPM @ 20 PSI: **3,392 GPM**

Flow Test Location

North ↑

