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

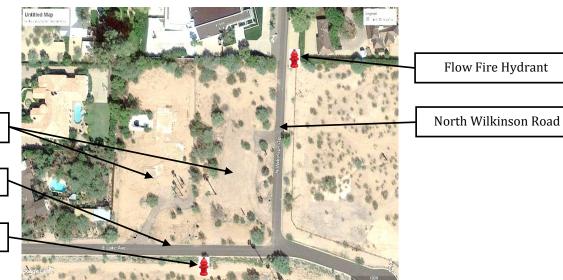
Flow Test Location

Project Sites

East Luke Avenue

Pressure Fire Hydrant

North



Arizona Flow Testing LLC 480-250-8154 www.azflowtest.com floyd@azflowtest.com