



# Flow Test Summary

Project Name: EJFT 23255-1 - Legacy & Miller  
Project Address: E Thompson Peak Pkwy & 76th St, Scottsdale, az 85255  
Date of Flow Test: 2023-06-16  
Time of Flow Test: 7:15 AM  
Data Reliable Until: 2023-12-16  
Conducted By: Steven Saethre & Sheila Schauble (EJ Flow Test) 602.999.7637  
Witnessed By: Vince Cusumano (City of Scottsdale) 480.312.5761  
City Forces Contacted: City of Scottsdale (480.312.5761)  
Permit Number: C72617

**Note** Scottsdale Requires a Maximum Static Pressure of 72 psi for Safety

## Raw Flow Test Data

Static Pressure: 104.0 PSI  
Residual Pressure: 90.0 PSI  
Flowing GPM: 2,645  
GPM @ 20 PSI: 6,960

## Data with a 32 PSI Safety Factor

Static Pressure: 72.0 PSI  
Residual Pressure: 58.0 PSI  
Flowing GPM: 2,645  
GPM @ 20 PSI: 5,372

## Hydrant F<sub>1</sub>

Pitot Pressure (1): 55 PSI  
Coefficient of Discharge (1): 0.9  
Hydrant Orifice Diameter (1): 4 inches  
Additional Coefficient 0.83 on orifice #1



Project Site

Static-Residual Hydrant

Flow Hydrant

Distance Between F<sub>1</sub> and R  
1149 ft (measured linearly)

Static-Residual Elevation  
1681 ft (above sea level)

Flow Hydrant (F<sub>1</sub>) Elevation  
1659 ft (above sea level)

Elevation & distance values are approximate

EJ Flow Tests, LLC

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## Static-Residual Hydrant



## Flow Hydrant (only hydrant F1 shown for clarity)



## Approximate Project Site



## Water Supply Curve N<sup>1.85</sup> Graph

