

Hydrant Flow Test

Hydrant Address: 837 S Main St

Weather

sunny

Hyd ID# 119-9H

Temp

82

Test Date 9/8/2016

Test time

2:40 PM

Conducted by Lee, Rich

Static pressure 109

Main Diameter:

6

Residual pressure 105

Pitot 1 24

822

Pitot 2 26

856

0

Pitot 3 0

0

Pitot 4 0

0

Pitot 5: 0

0

Pitot 6: 0

0

QT

1678

Q@20 psi

8959

hT Pressure drop at Static hydrant

4

hA Pressure drop available to residual of 20 psi

89

d Diameter of hydrant nozzle (inches)

2.5

C Estimated discharge coefficient of hydrant nozzle

0.9

837 Main

NOTES: