

# Flow Test Information

Business McQUEENY Address 520 W. 21<sup>ST</sup>. KCMO

Test Data:

Date 6 / 1 / 17

Flow at Hydrant no.	Static at Hydrant no.	Static psi	Residual psi	Pitot psi	Outlet coefficient	GPM
<u>2</u>	<u>1</u>	<u>100</u>	<u>85</u>	<u>12</u>	<u>.8</u>	<u>1322</u>



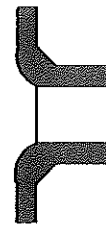
Outlet juts into hydrant

.7



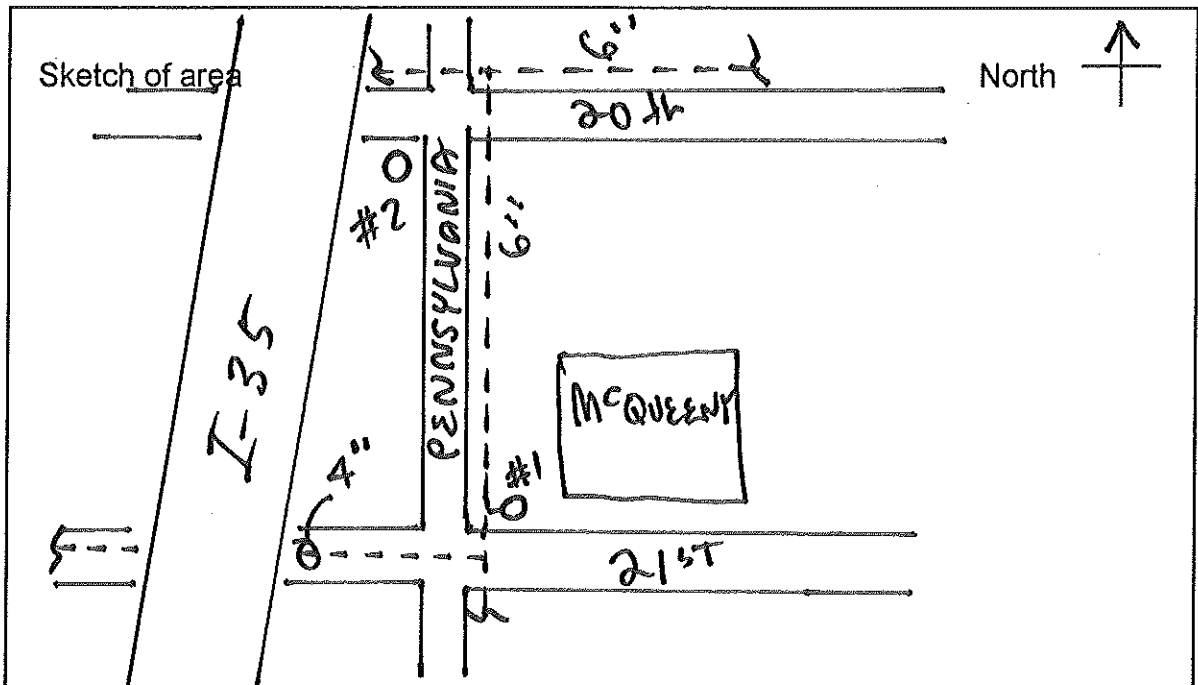
Outlet squares off with hydrant

.8



Outlet rounds out inside of hydrant

.9



$$\text{GPM} = 29.83 \times \sqrt{\text{pitot}} \times \text{outlet diameter}^2 \times \text{coefficient}$$

$$\text{GPM} = 29.83 \times \sqrt{12} \times 4^2 \times .8$$

$$\text{GPM} = \underline{1322}$$

Flow Test Done By ALLIANCE FIRE

Witness By KCMO H2O BRYAN WAGNER