Hydrant Testing Form

MARMIC FIRE & SAFETY®
888-462-7642

8301 East 51st Street
TulsaOK

DATE: 5-29-2025
WORK ORDER #:
CUSTOMER Kimley-Horn
ADDRESS
CONTACT
EMAIL
PHONE

*flowing hydrants should be opened one at a time and all points flowed simultaneously for multiple point flow tests. Readings from each flow point should be taken simultaneously and recorded

**after the readings have been taken, hydrants should be shut down slowly, one at a time, to prevent undue surges in the system

HYDRANT:

Make: AWWA
Model:
Size: 5 1/2” COLOR:
Residual Hydrant Location: 76th St North (north side of 76th - 48" main)
Hydrant Discharge Outlet Type: smooth and rounded (coef. 0.90) ✔ | square and sharp (coef. 0.80) ☐ | square and projecting into barrel (coef. 0.70) ☐

	#1	#2	#3	#4	#5	#6	#7	#8
Static PSI	120							
Residual PSI	117							
Pitot PSI	105							
Test Flow GPM	1725							
Predicted Flow @ 20 PSI	11459							

NOTE - refer to NFPA 291 - Table 4.10.1(a) for theoretical discharge rates based on pitot pressure and orifice size

Residual hydrant pressure should drop at least 25% from static during discharge for satisfactory results or flow the total demand for fire fighting purposes

COMMENTS
Pressure drop from static 3%

inspector's name	LICENSE	*inspector's signature*	
Adam Cox			I state the information on this form is correct at the time and place of my inspection,and that all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.
Owner / designated rep name	DATE	*Owner / deisgnated rep signature*	
			I state that the information on this form has been explained at my request and a copy provided to me regarding this inspection,and that all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

Calculated Flow Rate for hydrant at 76th St N - 48" main

GPM at 20 psi: 11459
Class: AA
Marking color: Light Blue
% Pressure Drop: 3%