

Fire Hydrant Flow Test Form

HYDRANT
BROKEN



Test form to be filled out and returned in PDF format.

Click to **Reset Fields** in II. Flow Test Data and III. Calculations.

Hover cursor over fields to display ToolTips.

I. Project Information (To be completed by Applicant)			
Name:	V.K. Knowlton Construction & Utilities, Inc.	Phone:	(210) 651-6860
Company Address:	18225 FM 2252, San Antonio, Texas 78266		
Project Name:	VERAMENDI PRECINCT 18, UNIT 1		
NBU Work Order Numbers:	W-226995 / WW-226996		

TEST #6

II. Flow Test Data (To be completed by Applicant)				
Test Hydrant	NBU FH ID #: Existing FH	Plan Sheet/Hydrant #: Exhibit - Existing FH	Private: No	
	Location Description: Alley 1 off Primaria and Hill Country Drive			
	Size and Material of Main: 16" main C-900 PVC (200)			
	Manufacturer: CLOW		OEM Year: 2025	
	Static PSI:	Residual PSI:	% Pressure Drop:	Date and Time: 5/15/2026 9:34 am
Flow Hydrant	NBU FH ID #: 363 F/H	Plan Sheet/Hydrant #: Exhibit - 363 F/H	Diameter: 2.5	
	Size and Material of Main: 8" main C-900 PVC (200)			
	Pitot PSI:	Observed Flow (GPM):	Mins Flowed:	Date and Time: 5/15/2026 9:34 am
	Total Water Loss:			
Flow Hydrant	NBU FH ID #: 363 F/H	Plan Sheet/Hydrant #: Exhibit - 363 F/H	Diameter: 2.5	
	Size and Material of Main: 8" main C-900 PVC (200)			
	Pitot PSI:	Observed Flow (GPM):	Mins Flowed:	Date and Time: 5/15/2026 9:34 am
	Total Water Loss:			

III. Calculations (Auto-populated)	
Residual Flow $Q_r = 29.83 \times c_d \times D^2 \sqrt{P_p \times H_f}$	Fire Flow at 20 PSI $Q_f = Q_r \times ((P_s - 20) / (P_s - P_r))^{0.54}$
Cd = 0.9	Qr = 0
D = 2.5	Ps = 0
Pp = 0	Pr = 0
Hf = 0	Qf =
Qr =	NFPA 291 Standard Color Code : <input style="width: 100px;" type="text"/>

IV. Tester/Company Information (To be completed by Applicant)	
Flow Test Conducted by: Protection Development, Incorporated	Phone: (210) 828-7533
Business License #: Texas Registered Engineering Firm (F-2816)	
Company Address: 8620 N. New Braunfels Avenue, Suite 100, San Antonio, Texas 78217	
Signature: Geoff Owens & Alex Akeroyd	Date: 05/15/2026

V. NBFD Fire Hydrant Flow Requirements (To be completed by Fire Department)		
Print Name:	Title:	Accepted: <input type="checkbox"/>
Signature:	Date and Time:	



