



# FLOWER MOUND FIRE DEPARTMENT

## FIRE MARSHAL'S OFFICE

3911 SOUTH BROADWAY AVENUE | FLOWER MOUND, TEXAS 75028  
PHONE (972) 874.6270 | [www.flower-mound.com](http://www.flower-mound.com)

### OPERATIONAL PERMIT APPLICATION

#### FIRE HYDRANTS AND VALVES (including Flow Testing)

PERMIT CODE #: 600.0011

**105.5.17 FIRE HYDRANTS AND VALVES.** An operational permit is required to use or operate fire hydrants or valves intended for fire suppression purposes installed on water systems and provided with ready access from a fire apparatus access road that is open to or generally used by the public.

**Exception:** A permit is not required for authorized employees of the water company that supplies the system or the fire department to use or operate fire hydrants or valves.

HYDRANT LOCATION: \_\_\_\_\_

*Flow Testing: Provide a site plan and indicate hydrants to be used for testing with this application.*

#### COMPANY PERFORMING WORK

BUSINESS NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY/STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

BUSINESS PHONE # (\_\_\_\_) \_\_\_\_\_ FAX # (\_\_\_\_) \_\_\_\_\_

CELL PHONE # (\_\_\_\_) \_\_\_\_\_ E-MAIL ADDRESS \_\_\_\_\_

AUTHORIZED PERSON MAKING APPLICATION: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**\*\*\*PERMIT EXPIRES TEN (10) DAYS AFTER DATE ISSUED\*\*\***

FIRE HYDRANTS AND VALVES PERMIT FEE:	<b>\$100.00</b>
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#### FOR OFFICE USE ONLY

Date Submitted: \_\_\_\_\_ Permit Number: \_\_\_\_\_ Total Permit Fee Due \$ \_\_\_\_\_

Paid By: [ ] Cash [ ] Check/M.O. # \_\_\_\_\_ [ ] Credit Card \_\_\_\_\_

Received By: \_\_\_\_\_ Receipt No: \_\_\_\_\_



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### Hydrant Flow Testing Procedure

**Individuals needing hydrant flow test data should follow the below procedure:**

- To obtain a plan of the water lines and hydrant locations in the area you wish to test, complete the online form found on the Engineering Website:

<https://www.flower-mound.com/FormCenter/Engineering-12/AsBuilt-Request-Form-79>

Fill this online form out completely and submit it. Your requested material will be delivered to the email that you provided. If you have any additional questions or need help with the engineering portion, please call 972.874.6315.

- Contact the utility department at 972.874.6418 or 972.874.6440 to determine the status of lines in the vicinity (repairs, out of service, excessive load, supply closed, etc...) and to advise the time and location of hydrant testing;
- Contact the Fire Department, Fire Prevention Section 972.874.6270, to advise the time and location of hydrant testing. Hydrant flow testing may depend on water conservation measures in place at the time of the request;
- Record results on a form similar to the NFPA Hydrant Flow Test Report (see NFPA 291, fig. 2-11 – attached), including a diagram as indicated on the form instructions;
- Submit a copy of the completed form to the Flower Mound Fire Department, Fire Prevention Section, 3911 S. Broadway Ave., Flower Mound, TX 75028.

**FLOW TESTS ARE ONLY ALLOWED TO BE CONDUCTED MON – THROUGH THUR, 8 A.M. – 5 P.M.**

NOTE: Please mail, hand-deliver, or email (Fire.inspections@flower-mound.com) this completed report to the Flower Mound Fire Marshal's Office at the address below. Due to the poor quality of fax transmissions, please do not fax this report.

# WATER FLOW TEST REPORT



Location: \_\_\_\_\_

Test by: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

Time: \_\_\_\_\_

## SYSTEM DATA

Size of main: \_\_\_\_\_ Dead end: \_\_\_\_\_ Looped: \_\_\_\_\_

Comments: \_\_\_\_\_

## TEST DATA

Location of test hydrants: \_\_\_\_\_ Residual hydrants: \_\_\_\_\_

Flow hydrant A: \_\_\_\_\_

Flow hydrant B: \_\_\_\_\_

Static pressure: \_\_\_\_\_

Test No.	No. of Outlets	Orifice Size (in.)	Orifice Coeff.	Residual Pressure (psig)	Pitot Pressure (psig)	Flow (US gpm)	Comments
1							
2							
3							
4							
5							

Projected results @ 20 psi: \_\_\_\_\_

Sketch of test configuration