



**City of Greensboro**  
**Water Resources Department**  
**Engineering Division**  
2602 S Elm-Eugene St  
Greensboro, NC 27406

**Fire Flow & Pump Tracking/Acceptance Request for  
Water Extension Permit Application**

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

Project Applicant Name: \_\_\_\_\_

Project Name for which fire flow is being requested: \_\_\_\_\_

**I.** Provide the site address of the project area: \_\_\_\_\_

Provide an 11"x17" copy of the overall utility plan

**As a condition of receiving a water permit, the applicant must certify that the proposed extension shall be able to sufficiently produce the flows required for the projects fire and/or sprinkler demands. This includes, but is not limited to any necessary pumping or storage throughout the proposed extension without negatively impacting the existing distribution system.**

**II.** Provide what the maximum fire suppression system demand requirement is for the project at the point of connection to the public water system. *\*\*Note: "N/A or To be Determined" is not an acceptable answer.*

Maximum Flow Required: \_\_\_\_\_ psi @ \_\_\_\_\_ gpm

**III.** Fire Hydrant Information:

Hydrant flow test information obtained from the City is for reference only, and is only valid for a period of 1 year from the date of test. The City does not guarantee the quality, quantity or pressure of its water supply. It is hereby made a portion of the terms on which the City furnished water to consumers that the City shall in no case be liable to any consumer for any defect in quality, quantity or pressure.

Hydrant Flow Test Information can be obtained from the Water Resources Operations Division at (336) 433-7389.

Provide a copy of the hydrant flow test report

Hydrant ID: HY \_\_\_\_\_ - \_\_\_\_\_

Date of Test: \_\_\_ / \_\_\_ / \_\_\_

Static: \_\_\_\_\_ psi

Residual: \_\_\_\_\_ psi

Flow: \_\_\_\_\_ gpm

Provide what the residual flow is at 20 psi: \_\_\_\_\_ gpm

**IV. Fire Pump Information:**

Will a fire pump be installed as part of the fire suppression system? Yes  No

Pump Rating = \_\_\_\_\_ psi @ \_\_\_\_\_ gpm

Provide a copy of the Pump Curve clearly showing its Rated Pump Capacity at 150%.

**V. Water Supply Information:**

Provide a copy of the Water Supply Curve clearly showing the following information:

Note: If Item Number IV is checked No, then C-E below can be omitted:

- A. City Water Supply (Hydrant Flow Test Data)**
- B. Sprinkler Demand**
- C. Pump Data (Rated Flow and Pressure & Maximum Flow and Pressure)
- D. City Residual Flows based at 0 psi, 20 psi, & 150% of the Pumps Rated Capacity
- E. City Water Supply Adjusted to Pump Inlet

Water Modeling Information can be obtained from the Water Resources Engineering Division at (336)373-2055.

This form is not required for TRC approval; however it is required before a water permit can be issued for the above referenced project. Please fully complete all required fields before submitting the application and allow 10 business days for review.

**VI. Fire Suppression System Designer Contact Information:**

Name and Title:		
Company:		
Mailing Address:		
City:	State:	Zip:
Phone:	Fax:	E-mail:
Signature:		Date:

**FOR CITY OF GREENSBORO USE ONLY:**

The submitted Fire Suppression System Demand is:

- Permitted for utility construction approval
- Denied due to the negative impacts placed upon the distribution system

\_\_\_\_\_  
(Signing Official)

\_\_\_\_\_  
(Date)

Approval Code – FFPTAR - \_\_\_\_\_ - \_\_\_\_\_  
(Year) (Case No.)