



FIRE FLOW TESTING

Property Owners, Developers & Builders,

The assessment of an adequate water supply and available fire flow is part of the fire department's plan review process. The fire department needs to know whether or not the available water supply is sufficient to support the project or if system improvements and/or project modifications might need to be made prior to approval.

Fire flow testing is required for all new commercial and residential subdivisions, new commercial buildings and all buildings to be constructed in the wildland-urban interface area. Fire flow testing conducted on a municipal water system must be coordinated with the local water department.

A Fire Flow Report must include the following items:

- 1. Fire flow testing must be performed in accordance with the latest Edition of National Fire Protection Agency (NFPA) 291.***
- 2. Calculations and results of the fire flow test shall be provided as part of the Fire Flow Report. The Fire Flow Report shall provide the following items:***
 - a. A cover sheet with the project name, date of the test, name of individual representing the development, and any other pertinent information to the test.***
 - b. A clear map indicating the location of hydrants that were used for the test. The map shall indicate which hydrant(s) was flowed and which hydrant(s) was used to gauge static and residual pressures.***
 - c. Indicate the anticipated governing structure size and construction type for the development.***
 - d. Indicate the minimum fire flow required for the development according the latest accepted version of the International Fire Code (IFC).***
 - e. Indicate if the existing water system has adequate fire suppression capacity for the anticipated development or structure.***

Please attach a copy of the Fire Flow Report with the plan submittal. The fire department must review and accept the test results as a condition of project approval and building permit release.

Local Test Providers*

Protection Consultants Inc. (PCI) (801) 596-1601

VanBoerum & Frank Engineering (801) 530-3148

Craig Blue, P.E. (801) 886-3473

J D Browning Engineering (801) 503-1821

RMC-F, Michael Christensen, P.E (801) 696-8244

Spectrum Engineers, Jeff Dubois, FPE (801) 401-8496



**Testing may be performed by the local water purveyor or any fire protection or engineering company - as long as the submitted report meets the requirements outlined above.*