



**CITY OF BLOOMINGTON**  
**Fire Prevention Division**

**STATEMENT OF POLICY**

Policy #: BFP-0002	<b>Water Supplies for Fire Protection Systems</b>		
Reviewed and Approved By: Gene Dugal	Title: Fire Marshal	Effective Date: September 1, 2008	Revised Date:

**PURPOSE:**

The purpose of this policy is to establish a Standardization of water supply requirements for Automatic Sprinkler Systems reviewed by the City of Bloomington Fire Prevention Division.

**WATER SUPPLY POLICIES**

The following list contains the policies of the City of Bloomington Fire Prevention Division concerning fire sprinkler systems. The list is not all-inclusive. Unique situations can be reviewed on a case by case basis.

- A) Double backflow prevention is only required by the State Plumbing Code when there is a risk of cross-contamination with a non-potable source (i.e. lake, pond, etc.). However, the City of Bloomington Public Works Department has requirements that are more restrictive and they should be consulted prior to the request for permit.
  
- B) The City of Bloomington Fire Prevention Division may approve a combined domestic/fire service line if the size of the domestic connection does not exceed one-fourth the size of the combined service line, **or** the domestic water demand is added to the sprinkler water demand at the point of connection and hydraulically proven to the municipal street main.

Consult the City of Bloomington Fire Prevention Division **prior** to the request for permit should you have any questions.

- C) Water flow data used for hydraulically designed fire protection systems shall be no more than three (3) years old\*.

\*When an existing fire pump is the primary source of supply, a copy of the fire pump test no more than one year old shall be provided in the submittal package. The system design shall be based on the actual pump test plus the city supply pressure and flow, adjusted for the system demand, at the pump's discharge flange.