



Hillsborough & Burlingame Fire Flow Data for Fire Sprinkler System Design Calculations

To: Fire Sprinkler System Designers

CCFD has been informed by the Hillsborough and Burlingame Public Works Departments that, as a result of the Governor's Office Executive Order calling for statewide drought response measures including a voluntary 15% reduction in water usage, the cities have temporarily suspended non-emergency water flushing activities that result in the loss of potable water. This voluntary suspension also includes the flowing of fire hydrants in order to determine current fire flow data required for the design of fire sprinkler systems. Due to the cities' suspension of water flushing activities, fire flow calculation data may exceed the 12-month limit for current information.

In recognition of the cities' water-reduction efforts, CCFD has developed the following temporary conditions when receiving requests for fire flow information:

1. City Public Works staff will assess a fire flow request, including evaluation of the water line and any fire flow tests performed at neighboring fire hydrants.
2. Existing fire flow data older than 3 years requires a current flow test. Existing fire flow data between 1 year – 3 years old will not require a current fire flow test however will require the fire sprinkler design calculation to include a 15% calculation cushion above the required sprinkler system pressure demand.
3. Turnaround time for CCFD's receipt of fire flow data is 3 weeks to allow Public Works staff more time to collect information.

Once the cities resume non-emergency potable water flushing activities, fire flow tests will return to testing parameters to meet stated national fire sprinkler design and installation requirements.