



## **FIRE PREVENTION MANUAL**

### **CONSTRUCTION REQUIREMENT**

#### **404.002 TEMPORARY WATER SUPPLY FOR MODEL HOMES**

**EFFECTIVE: MAY 2008**

## SCOPE

This policy clarifies the Fresno Fire Department (FFD or Department) requirements for temporary water supply for model homes in single-family residential developments.

## PURPOSE

This policy has been established to provide direction for the minimum, temporary, firefighting water supply requirement when public water mains and hydrants are not available for model homes in single-family residential developments. The Fire Marshal (or designee) may permit the use of temporary firefighting water supplies for single-family residential developments that wish to begin construction of model homes before the municipal water supply is available.

## REQUIREMENTS

A scaled (or dimensioned) site plan shall be submitted to the Fresno Fire Department for approval before temporary water tanks are placed at the site. The site plan shall indicate the location of the model homes, required access roads, the proposed water tanks (including capacity), and the closest in-service, existing municipal fire hydrant(s).

The following requirements shall apply:

1. Model homes, as approved by the DARM Early Model Home Permit Agreement, may be served by approved tank(s) while under construction.
2. A maximum of six homes are allowed per group.
3. Groups of homes shall be a minimum of 250 feet apart, as measured from the closest edge of construction in each group.
4. A minimum of one, 10,000 gallon elevated suction tank (trailer) shall be required for each group of model homes.

5. Tanks shall be located within 200 feet of the furthest portion of all model homes.
6. Tanks shall not be located closer than 50 feet from any model home or other exposure.
7. Tanks shall have a 4½ inch National Hose Thread (NHT) male suction outlet with access directly to outlet facing the access road. The outlet shall be capped.
8. A minimum 4 inch control valve that is locked with an approved X1 padlock.
9. Fire apparatus access roads shall be provided within 10 feet of the suction outlet. The road shall have an approved all-weather surface that shall be in place and maintained year round.
10. A sign stating "For Fire Department Use Only" shall be installed at the control valve.
11. If the travel distance to the closest in-service, existing municipal fire hydrant is within 800 feet of the furthest portion of all model homes, it may be used in lieu of the required tank, subject to Fire Marshal (or designee) approval.
12. All of the requirements shall be in place and approved prior to the delivery of combustible materials to the site.

Additional requirements may be required and the determination shall be made at the sole discretion of the Fire Marshal (or designee).