



CALAVERAS COUNTY WATER DISTRICT

120 Toma Court • P O Box 846 • San Andreas, CA 95249 • (209) 754-3543

August 6, 2014

Mr. Jeff White,
Calaveras County Building Department
891 Mountain Ranch Road
San Andreas, CA 95249

RE: Residential Fire Sprinkler Systems

Dear Jeff,

The District is currently reviewing their Design and Construction Standards. As part of the review the District is developing Residential Fire Sprinkler Systems standards. CCWD adopted Ordinance 95-01, Control of Backflow and Cross Connection. Under the Fire Systems Section of the Ordinance, a residential dwelling would be classified as a Class 1. There are two approved manufacturers/models in the District Standards. They are a Febco 825y and 850, Watts 909 and 718. Both are readily available. Recently the District conducted some research on a Passive Purge System. They found that the fire sprinklers are incorporated as part of a multipurpose plumbing system that feeds both sprinklers and plumbing fixtures from a home cold water plumbing pipes. So the fire sprinkler plumbing is continually purged to avoid stagnant water; avoiding the backflow device requirement by the District.

On July 9, 2014 the Board of Directors authorized the staff to proceed forward with approving the passive purge system. Under Section 5.1 of the Design and Construction Standards the type of backflow device shall be determined by the District Cross-Connection Specialist based on the type of use. The District's Cross- Connection Control Specialist has determined that the use of the passive purge system meets the requirements of the District. Therefore the District will be approving Passive purge Systems for Residential Fire Sprinkler Systems.

If you need any additional information please feel free to contact me.

Sincerely,
CALAVERAS COUNTY WATER DISTRICT

A handwritten signature in cursive script that reads "Bill Perley".

Bill Perley
Director of Utility Services and Engineering

cc: Larry Diamond
Customer Service
Board of Directors