
Recovery Permit Center (RPC) Rebuild Hydrant & Fire Code Fact Sheet

Rebuilding in California requires structures to meet specific building and fire code requirements related to fire sprinklers and water storage. An automatic sprinkler system approved by your local fire agency must be installed in your replacement structure before occupancy of the home. Fire sprinklers are designed to provide an alerting bell and arresting spray at the location of the flames to allow for your safe exit from your home during a structure fire and to keep the fire small until the fire department arrives. An approved water supply capable of supplying the required water flow and pressure for structure fire protection must be provided. This may be accomplished by various means such as municipal water supply or water tanks but must be approved by the Fire Agency in any case.

In some cases, residences served by a municipal or small water system that has not yet completed repairs to their water main may not meet the state mandated NFPA 13D Residential Fire Sprinklers water pressure requirements. In these cases, an 'alternative' water system (i.e. "closet" system, or storage and pressure systems) can be approved by local Fire Agencies provided the sprinkler contractor approves use of this alternative system.

- **Home Served by a Well:** If you live on a property with a well, you will need to supply water storage sufficient to supply 500 gallons a minute for 20 minutes or 10,000 gallons. This is primarily to supply your fire sprinkler system. This water supply may also be accessed via your hydrant to suppress structure or wildland fires. On flat or small lots, it is likely that a pressure pump and pressure tank to supply adequate pressure will be required to support both domestic demand and fire sprinklers. Typically, individual 5,000-gallon tanks can be installed on grade in accordance with the installation requirements of the manufacturer; individual tanks over 10,000 gallons require an engineered pad.
 - Guide for Fire Sprinklers – Click [HERE](#)
 - Guide for Water Storage – Click [HERE](#)

- **On a Municipal Water System or Small Water System:** If you live on a property served by San Lorenzo Valley Water, Big Basin Water, Forest Springs, or Brakenbrae Water or any other water systems you must also meet the above flow and sprinkler requirements.
 - Guide for Fire Sprinklers on Municipal Water Systems: Click [HERE](#)

- **On Big Basin Water District (BBWD):** Big Basin Water District is in the exploratory phase of a proposed consolidation with SLV Water. In the interim BBWD staff are working to restore water service as quickly as possible to support fire rebuild efforts. For more information, please contact: Jim Moore - Big Basin Water
(831) 332-6236
Bbwater197@yahoo.com

RPC Rebuild Hydrant & Fire Code Fact Sheet

- **Fallen Leaf Neighborhood**

The Fallen Leaf neighborhood is the only portion of the BBWD service area that has hydrants installed. Therefore, occupation of rebuilt structures in this area is based upon a flow and pressure test of the neighborhood hydrant system or individual water connection, conducted by an approved contractor.
- **On San Lorenzo Valley Water (SLV Water):**
 - Rebuild Contact for SLV Water:
Josh Wolff – SLV Water District Engineer
JWolff@SLVWD.com
 - Service Connection Upgrades
SLV Water is updating service connections for ALL fire rebuilds to 1” service connection from the main distribution line to your meter. All system upgrades from the meter to the house will be the responsibility of the property owner. This should in MOST cases provide adequate water supply for sprinkler systems.
 - Current projects involving new or upgraded hydrants (Summer 2022)
 - Quail Hollow Rd between W Zayante and Cumora Ln
 - Orman Rd
 - Juanita Woods neighborhood
 - Harmon St from Oak St to the west end
 - Zayante Dr from E Zayante Rd to the pump station
 - Hermosa Ave south of Glen Arbor Rd
 - Fernwood Ave south of Glean Arbor Rd
 - Oak Ave from Fremont Ave to west end
 - Ridge Dr from 325 Ridge Dr to 470 Ridge Dr
 - Alta Via Dr
 - Monan Way
 - Homeowners will need to install hydrants in locations not subject to main line upgrades. Please contact Josh Wolff, District Engineer: JWolff@SLVWD.com
- **Other Small Water Districts:**
 - Brakenbrae – Consolidation with SLV Water is in process for more information please contact: Josh Wolff, District Engineer: JWolff@SLVWD.com
 - Forest Springs – Consolidation with SLV Water is in process, for more information please contact Josh Wolff, District Engineer: JWolff@SLVWD.com