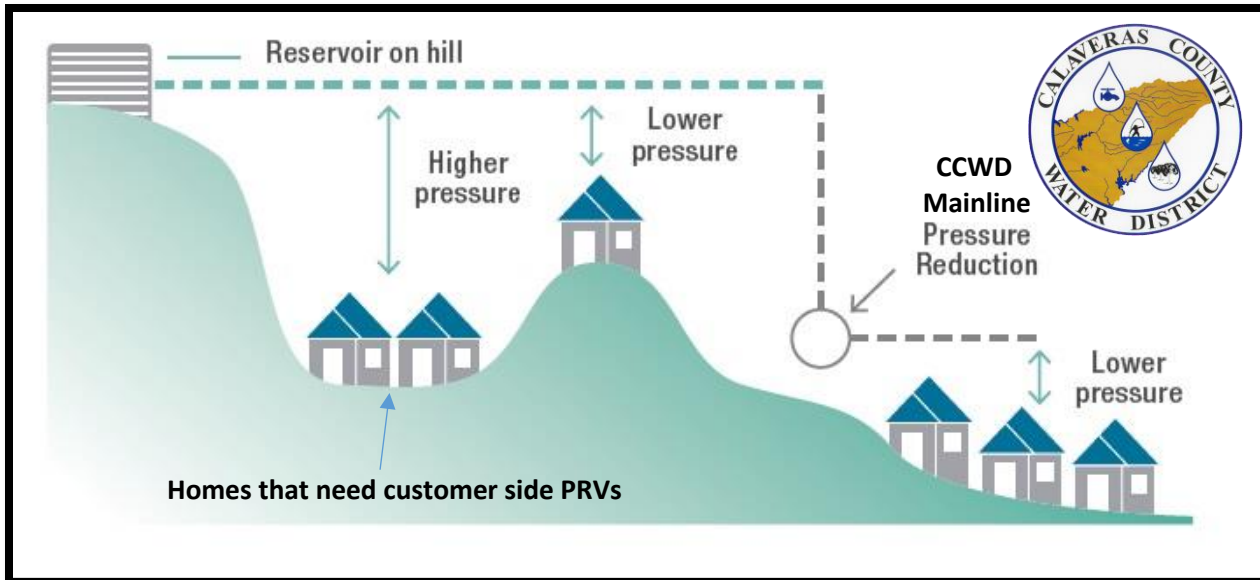


How to Protect Your Home from High Water Pressure



Due to diverse topography in Calaveras County, the Calaveras County Water District’s water distribution system operates at a wide variety of water pressures. While the District strives to maintain pressures between 30 and 80 psi throughout its water systems, pressures in some areas are in excess of 150 psi. Go to www.ccwd.org/protect-home-high-water-pressure for detailed information about protecting your home from high water pressure.

To avoid potential water pressure damage to personal plumbing systems, it is the customer’s responsibility to install a pressure reducing valve (PRV), on their property between CCWD’s water meter and the house. Not all PRVs are created equal, so the District strongly encourages customers to take a water pressure reading at their properties using a pressure gauge and purchase a PRV that is designed to handle that level of pressure. The District recommends installing a PRV that is rated for up to 400 psi. Customers can also call the District at (209) 754-3543 to request a water pressure estimate for their properties.

Pressure Reducing Valve



Pressure Gauge

The District recommends customers hire a professional, certified plumber to install a PRV. In many cases, it is most effective to install two PRVs – one near the water meter by the street and another where the water line enters the house. After the installation of a PRV, ongoing maintenance, repairs and replacement costs are the property owner’s responsibility.

A PRV protects customer plumbing from high water pressure and from infrequent pressure surges. In order to help regulate pressure, CCWD has installed large PRVs on distribution lines throughout its systems. While these mainline PRVs are made of high quality materials, they can fail. When a District PRV fails, it does so in the “open” position to ensure fire flows are maintained. If a failure occurs, the water pressure delivered to customers’ properties could be much higher than normal. While such failures are unpredictable and rare, the resulting pressure surge from a failure could damage customers’ water lines, hot water heaters, appliances, etc. The District recommends that all customers install two PRVs on their personal water lines (one near the water meter at the street and a second where the water line enters the home) to protect from pressure surges, even if normal, day-to-day water pressure is not usually above 80 psi.

The District is not liable for any damage arising from high pressure, per CCWD Resolution 2001-22. Customers who decide not to install appropriately rated PRVs on their personal water lines assume responsibility for the risks and liabilities for any damages that may occur.

Questions?

Contact CCWD Customer Service at customerservice@ccwd.org or (209) 754-3543.