



Windsor Hills Residential Pressure Reducing Valve Installation

The homes in the Windsor Hills neighborhood are currently served by old cast-iron water mains with an operating pressure ranging from 85 psi to 135 psi. The Windsor Hills Utility Improvements project will replace the old water mains with new 8-inch ductile iron pipes in the roadway with new fire hydrants, and new copper water service lines to the water meters. The new water mains will not change the water pressure in the area.

As part of the project, the City will install a **pressure reducing valve/regulator (PRV)** behind the water meter to protect the privately-owned water service line and the internal house plumbing and water fixtures. The Uniform Plumbing Code recommends the installation of a **pressure reducing valve/regulator (PRV)** to protect the water plumbing and fixtures in the house when the water system pressure is over 80 psi. High water pressure can damage water heaters, and cause water hammer and leaks to pipes and fixtures.

The City will pay for the installation of the PRV and will maintain it for one year. The homeowner will be responsible for the ownership and maintenance of the PRV after one year following its installation. The City will provide the manufacturer's instructions with information on the maintenance of the PRV. The PRV typically needs very low maintenance and usually last between 10 to 15 years.

Prior to the installation of the PRV, the City's water maintenance crew will be checking the water pressure by attaching a pressure gauge to the exterior hose bib of your house to determine if it is already equipped with a PRV. Water pressure checks will be performed between 9:00am to 3:00pm on weekdays.

