

Clay Battelle
Public Service District
Pressure Reducing Valve (aka Pressure Regulator)
Customer Policy (last updated 4/2022)
On Customer's Side of Water Meter

1. In most situations, CBPSD will NOT install a PRV on the utility side of the meter setting. CBPSD will never install a PRV on the customer side.
2. It is documented on service applications that customers should install a PRV to regulate the water supply pressure. An example of an exception is when the customer lives near the end of a small main line (such as 2 inch)- it is unlikely then a customer will need a PRV.
3. The customer is to decide whether to install the PRV inside the residence at the location the service line enters the premise OR outside the utility's meter pit setting. The customer CANNOT install the regulator in the meter pit with the meter. The customer CAN install a PRV in the same pit as their privately owned shut off valve for their side of the service line- it is recommended not to just buy the shut off and/or PRV in the ground without being in a weather protected device (such as plastic/fiberglass pit similar to what CBPSD uses (corrugated drainpipe works).
4. If CBPSD should install a PRV in a high-pressure meter setting before the meter; it is to protect the meter and CBPSD materials from high pressure. It is in no circumstances to be considered protection for the customer service line/plumbing/appliances/etc.
5. In situations where both CBPSD and the customer installs PRVs the PRVs need to be set at least 10 pounds difference. The PRV for CBPSD should be set at least 10 pounds higher than customers. This is a precaution against damage to a water meter when multiple PRVs are set at the same pressure and the PRVs are close in elevation to each other. In addition, if the PRVs are set to close together or the customer's is set higher than the utilities then the customer could experience low pressure issues (example: customer's set at 70 psi and CBPSD's set at 50 psi).

Notes:

- a. Most household PRVs are preset at 50 psi and this setting is usually fine.
- b. CBPSD advises purchasing a quality PRV from a plumbing store. These seem to last longer than from big box stores. PRVs can and DO go bad – usually notice by sudden fluctuation in pressure or complete loss of water.
- c. CBPSD has a wide variety of pressures in our water supply because of all the variations in terrain and in customer's proximity to storage tanks.