



San Juan County
Community Development & Planning

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POLICIES/PROCEDURES/INTERPRETATIONS

Expansion Tank on Community Water Systems

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ISSUE: When should expansion tanks be required on water supply systems pursuant to requirements of Section 608.3 of the 2006 Uniform Plumbing Code?

ANALYSIS: New regulations on Community water supply systems require that each individual water connection into such system be protected against back flow. This has resulted in the requirement that all new service lines on these systems be provided with water meters capable of backflow protection or the installation of a separate backflow prevention device.

Section 608.3 of the 2006 UPC states, in part:

“Any water system provided with a check valve, backflow preventer, or any other normally closed device that prevents dissipation of building pressure back into the water main shall be provided with an approved, listed, and adequately sized expansion tank or other approved device having a similar function to control thermal expansion. Such expansion tank or other approved device shall be installed on the building side of the check valve, backflow preventer, or other device and shall be sized and installed in accordance with the manufacture’s recommendation.”

POLICY: All individual water distribution systems which are connected to a community water supply system shall be protected by a properly installed and approved expansion tank.