Potable and Non-Potable Line Separations

Horizontal Separation Requirements
All distances are horizontal.
June, 2010

The term “line” applies to both main lines and service lines.

Site specific approval by the Department is required before separation less than 6 feet (Zone 3) is installed.

**Zone 1: (More than 10 feet apart):** No special requirements.

**Zone 2: (From 6 to 10 feet apart):**
- Lines must be in separate trenches.
- Potable and Non-Potable mains separated by at least 6 feet at outside walls and
- Bottom of Potable mains higher in elevation than the top of Non-Potable mains and
- Non-Potable mains constructed to with Potable water class pipe and pressure tested for watertightness.

**Zone 3: (Closer than 6 feet apart):**
- For Mains and Services, Design Engineer to submit data to Department for review and approval that this installation will protect public health and environment and non-potable line constructed with potable water class pipe.

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For details refer to IDAPA 58.01.08.542.07: Idaho Rules for Public Drinking Water Systems or IDAPA 58.01.16.430: Idaho Wastewater Rules.

Sewage force mains shall have at least ten feet of horizontal separation from Potable mains - Zone 2 and Zone 3 placements are prohibited.

Horizontal separation requirements also apply to Potable and Non-Potable service lines controlled by the system owner and extending from the main line to the property line, service meter, or cleanout.