

# Potable and Non-Potable Line Separations

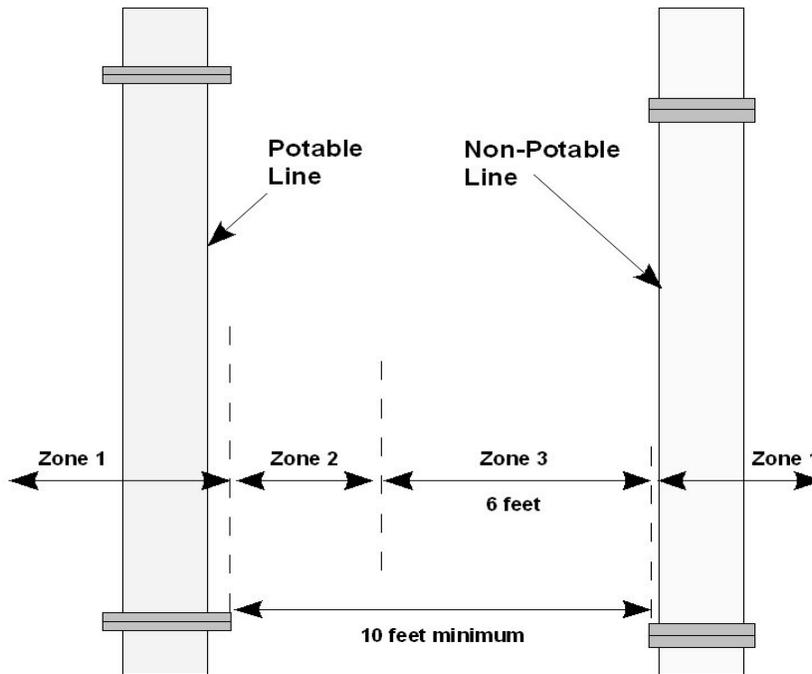
## Horizontal Separation Requirements

All distances are horizontal.

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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 water-tightness.

**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.

June, 2010

Page 1 of 2

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.