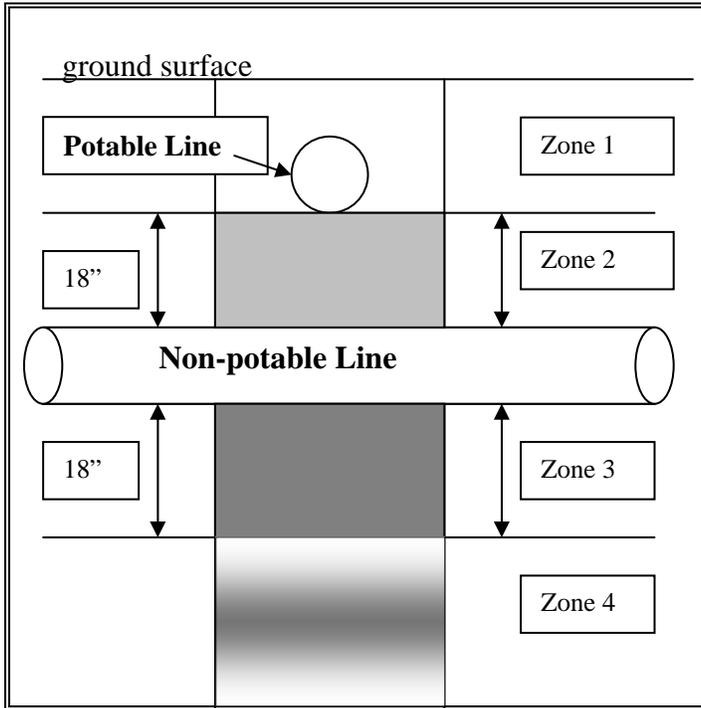


Potable and Non-Potable Line Crossings

Vertical Separation Requirements

June, 2010

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



Zone 1:

A) Potable Water and Non-Potable Mains and Service Lines separated by at least 18 inches **and**

B) One full, uncut length of Potable pipe must be centered on the crossing so that the joints are as far as possible from the crossing.

Zone 2: Potable line <18" over top of Non-Potable line.

A) One full, uncut length of Potable Water pipe must be centered on the crossing so that the joints are as far as possible from the Non-Potable line **and**

either B) Non-Potable line must be constructed to Potable water pipe standards and pressure tested for water tightness for a horizontal distance of 10 feet on both sides of the crossing,

or C) Non-Potable or potable line must be cased in a larger diameter carrier pipe for a horizontal distance of 10 feet on both sides of the crossing, with no joints.

Zone 3: Same requirements as Zone 2 and the Non-Potable line must also be supported above the crossing to prevent settling.

Zone 4: Same requirements as Zone 2 item A) only, and the Non-Potable line must also be supported above the crossing to prevent settling.

Sewage force mains shall have at least eighteen inches of clearance from Potable Water mains and Zone 2 and 3 placements are prohibited. Separation requirements also apply to Potable and Non-Potable service lines controlled by the system owner and extending to the property line, service meter, or cleanout. Refer to IDAPA 58.01.08.542.07: Idaho Rules for Public Drinking Water Systems and IDAPA 58.01.16.430: Idaho Wastewater Rules.