

Narrative to Lead Risk Map

The City of Canton claims to have no known lead service lines. The mapping for potential lead contamination was broken down by date. Historical records were used to ascertain build date, installation/repair made to services, and plumbing permits. These records were used to categorize the potential age and type of plumbing fixtures used at a service. We found galvanized, plastic, and copper service lines. We found no lead service information, thus we filed the Lead Mapping Verification form 2/14/17.

The Lead Map consists of the area served highlighted on a grey background, based on the Stark Co GIS system. The map has three significant time frames using the Safe Drinking Water Act as a guide. The high potential services are marked in blue. These are pre 1988 services when leaded solder or plumbing of greater than 8% lead content was permissible to use. The low potential services are marked in green. These have a service date or plumbing permit between the years of 1989-2013 when no leaded solder and plumbing fixtures with 8% lead content were permissible. The minimal potential services are marked in yellow. These have a service date or plumbing permit after 2014 where no leaded solder and plumbing fixtures with 0.25% lead content are permissible.



Service Area of the City of Canton Water Department

Potential Lead Risk Map

"Buildings built prior to 1988 or that use plumbing material or solder manufactured before 1988 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1988. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than 0.2% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective."
- Guidelines for Lead Mapping in Distribution Systems, Ohio EPA 09/06/2016

Potential Lead Risk

HIGH (Structures built before 1988)

LOW (Structures built from 1989 - 2013)

MINIMAL (Structures built from 2014 - 2017)

