



**NOTES/DISCLAIMER**

- In 1986 the Safe Drinking Water Act (SDWA) banned lead solder in excess of 0.2% lead for residential and human consumption and lead free pipes and fittings were considered to have no more than 8.0% lead.
- The lead ban provisions of the act became effective in the Ohio Plumbing Code on March 30, 1998. Thus, primarily residential and commercial buildings built after this date are NOT LIKELY to contain lead piping or fixtures. Buildings built before this date are more likely to have a higher risk to exposure of lead.
- Buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8.0% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998.
- Buildings built and plumbing materials manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to the drinking water.
- Although prohibited, some use of lead solder or lead components may have occurred after the prohibitions became effective.

LORAIN MUNICIPAL CODE: 911.486 - TAPS - SERVICE SIZE - MATERIALS  
ORDINANCE 174-09, PASSED 12/07/09

Services two inches and smaller shall be Type "K" soft copper or plastic that complies with American Water Works Association (AWWA) Standard C-901, and services over two inches shall be ductile cast iron, or Type "K" copper, or plastic that complies with AWWA standards C-900 or C-905, the quality of both equal to that used by the Division of Water. No other type of material such as iron, steel or galvanized iron shall be used from the curb stop or control valve to and including the meter

**REFERENCE SOURCES**  
City of Lorain GIS  
City of Lorain Construction of water main replacement records  
City of Lorain - Utilities Department Water Distribution crew field books (1921 - 1993)  
City of Lorain - Utilities Department receipt books through 1991 to establish use of copper in water system service lines  
City of Lorain - Utilities Department Water Distribution staff interviews

Services designated as "Likely" are based on either actual field observations and/or similar construction era. These are from year 1950 installation or before.

Information contained in this Figure is not intended to identify specific water services, homes, and/or buildings, but rather is to identify general areas of potential for lead based materials.

The materials in this map are provided "as-is" and without express or implied warranties of any kind as to the accuracy, reliability, timeliness, utility, or completeness of the information.









