



City of Kent Lead Containing Service Connections and Sampling Locations PWS ID # OH6701812 March 2017



CITY OF KENT, OHIO

Department of Public Service
PWS ID # OH6701812

LEAD PLUMBING AND FIXTURES MAPPING

March 2017

On January 6, 2017, The OEPA Division of Drinking and Ground Waters first issued a document requiring the mapping of suspect and known areas of the drinking water distribution system, which are known or likely known to contain lead service lines. These systems are also required to identify and provide a description of the characteristics of buildings served by the system that may contain solder, fixtures or pipes that contain lead.

The City of Kent has information on the distribution system, as it relates to the age of the watermain supply network. This has been mapped for areas that may contain lead service connections on the public property side. The effort to identify each structures individual service is a much larger task than can be performed by the requested deadline of March 9, 2017.

The City of Kent will continue to update it's mapping with respect to identifying individual service lines. The possibly of customer self-reporting as a way to identify areas with lead service lines is being considered as one way to obtain the information for future reporting, however given the large rental community, the reliability and ability to obtain residential reporting is questionable. The preferred method would be for City staff to report the material observed when servicing the lines. The City will begin updating mapping as information is obtained from self-reporting and City staff field observations. The service line from the property line into the home is under the ownership of the property owner. The service line may or may not be the same service line material as on the water utility-owned side. The City typically owns from the main to the right of way or curb box. The City of Kent has not historically documented line material information on the private property side in the past. We will begin capturing this data in order to improve the system knowledge and update our mapping.

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The areas of the system known or are likely to have lead service lines in the right of way, based on the age of the distribution mains, has been plotted on a map of the entire distribution system noted as a yellow line. Those not suspect for lead are denoted in green. Buildings served by the Kent water system most likely to contain lead service connections in the right of way would be any structure constructed prior to 1968.

The use of lead solder in plumbing was banned by the Ohio Plumbing Code on March 30, 1998. Therefore any home constructed prior to April 1998 would be suspect for lead containing solder. There may be instances where plumbing contractors could have installed lead containing fixtures or piping after this date.

Areas of the community where buildings meet these characteristics, are located throughout the city and are not concentrated in one specific area. The brass used in all water meters installed after 2002 is lead free.