

Village of Tiltonsville

Public Water System Lead (Pb) Components

PWS ID 4102712

Prepared March 2017

To comply with Section 6109.21 of the Ohio Revised Code, enacted in September 2016, the Village of Tiltonsville in Jefferson County, Ohio has created the following report and attached map to identify known and potential components of its public water system that contain lead (Pb).

Service Lines and Ownership

The Village of Tiltonsville Water Department distributes water to approximately 650 customers, and sells bulk water to the Village of Rayland, Jefferson County WSD Systems G1 and G2 in the southern part of the county, and the Yorkville Service Terminal. The Yorkville Service terminal has been turned off since 2012. The Village owns and maintains service lines from the water distribution mains up to the curb stop for each water customer. The remainder of each service line from the curb stop to the building is the responsibility of the property owner. The Village is also responsible for the meters inside the residences.

The Village of Tiltonsville is aware of 27 residences that are known to have lead or a high probability. Some of these lead lines were replaced by the private owner of these residences, Marjoto Reality Company, who is also responsible for the water main on its property. Unfortunately, the Village does not know exactly which properties were changed because the village is only responsible for the individual meters at each residence. Also, approximately 52 other connections are suspected to have a high probability of lead contamination due to possible galvanized plumbing on the private side and a 4" ductile main line.

The table summarizes the number of service lines on the private side that may have lead. If no other information was available, the year each structure was built, if known, was used to assign its probability.

Service Line Lead Probability – Private Side		
Possibility of Lead	# Service Lines	% of System
High Probability	79	13.57%
Unknown	503	86.42%

Lead and Copper Sample Sites

Tiltonsville, Ohio
Water System
Jefferson, County
PWS ID OH 4102712

Lead and Copper Sample Sites

- ★ Tier 1
- Water Mains
- Road Centerline
- Boundary
- Parcels

0 450 900 Feet



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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

This map does not verify the presence of lead in any of the lines or structures shown. This map only shows the probable or possible locations based on the year that the structure was built, historical maintenance and operation records, and customer or utility staff verification. Information and data contained or accessed within this map emanates from various public and private sources and may contain errors and omissions. This map remains under development and is subject to change with or without notice. Sources: OGRIP Jefferson County Auditor's Office, Datum Projection: NAD 1983 Ohio State Plane North, Ohio State Plane North, 308/2017 WSOS and its employees, affiliates, agents and licensors cannot and do not warrant the accuracy, completeness, non-infringement, merchantability or fitness of any information contained within this map.



Distribution System

Tiltonsville produces treated groundwater and distributes potable water at approximately 94 psi through 6.26 miles of water mains. The oldest parts of the water system were built sometime in the 1930's. None of the pipes themselves are known to contain any lead; however, there are joints within the system that may contain lead among the lines 4" or smaller. In the Village, most of the water mains consist of ductile iron and PVC (c900). The c900 has been used to replace old ductile iron lines since 1994 as small projects have taken place. The village uses orthophosphate injection to provide corrosion control. Water distribution system pipe sections which may contain lead in the joints or valves are highlighted in orange on the attached map.

The water meters at each customer location may be as old as the 1950's and may contain more than 8% lead. Meters installed after 1998 may contain up to 8% lead. Meters installed after 2014 will have less than 0.25% lead. The Village of Tiltonsville has slowly been replacing older style Buffalo, Kent and Hershey meters with new wireless Badger meters since 2006. Approximately 100 remaining old meters are expected to be replaced within the next year.

Indoor Plumbing

Buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 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 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. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

In Tiltonsville, no properties are known to have structures built since 2014, and therefore nearly all buildings in the Village may have some lead in the solder or fixtures.

Customer Self-Reporting

The information on this map regarding privately owned service lines is based on the limited information from the water system staff and Jefferson County building and parcel data. Property owners are encouraged to inspect their own service lines entering the building if these are in anyway exposed, and notify the Village of Tiltonsville Water Department if they have determined whether or not a lead service line exists. Please contact the Village Administrator by calling 740-859-4692 or sending an email to tiltonsvillewater@comcast.net. A representative from the water department will contact you to confirm and update this information for the next map release.

Contacts and Resources

If you have questions about known and potential lead components within the Village of Tiltonsville Public Water System, please contact:

Carl Sgalla, Village Administrator

740-859-4692

tiltonsvillewater@comcast.net

<http://tiltonsvillewater.com>

For more information about lead service lines and their removal, we recommend the following resources:

- **The Lead Service Line Replacement Collaborative**
<http://www.lslr-collaborative.org/resources-for-concerned-consumers.html>
- **Ohio EPA 'Learn About Lead' page**
<http://epa.ohio.gov/pic/lead.aspx>
- **US EPA Lead in Drinking Water Information Page**
<https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

Probability of Lead Services

Tiltonsville, Ohio
Water System
Jefferson, County
PWS ID OH 4102712

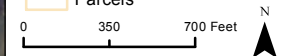
ProbLeadServices

Private/Public

- High Prob/High Prob
- High Probability/Unknown
- Unknown/No Lead
- Unknown/Unknown.

Water Main

- Ductile Iron (DIP)
- c900
- RoadCenterline
- Boundary
- Parcels



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