

Village of Tuscarawas

Public Water System Lead (Pb) Components

PWS ID OH-7901512

Prepared February 2017

To comply with Section 6109.21 of the Ohio Revised Code, enacted in September 2016, The Village of Tuscarawas in Tuscarawas 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 Tuscarawas owns and maintains service lines from the water distribution mains up to the curb stops. The remainder of each service line from the curb stop to the dwelling is the responsibility of the property owner. Line from main to curb stop at property lines are typically copper. The Village of Tuscarawas is also responsible for the meters inside the property.

The original construction of the water system was in late 1930's. The Village has consistently upgraded it since the 1970's, and lead pipe has never been installed in this distribution system. While lead solder may have been used in the installation process for some of the private copper and galvanized steel service lines, this is not un-common and there are no lead pipes used.

There is a small area in the oldest part of town on Hammersley St, Church St and South Main St., where service line materials are unknown on both the public and private side. It is believed most of these services are copper and galvanized, but the Village officials are not certain of the materials used.

The table below provides information about the possibility of lead service lines and use of leaded plumbing materials to the customers the Village of Tuscarawas serves. The year the structure was built determines which category it falls into.

Service Line Lead Probability		
Possibility of Lead	# Customers	% of System
No Leaded Services	350	84.13%
Unknown	66	15.86%

Distribution System

The Village of Tuscarawas supplies treated ground water and distributes potable water through approximately 5.80 miles of water main lines with varying pressures from 80-85 psi throughout the system. Raw water is pumped from two wells located off of Cherry Street. The wells feed a 100,000 gallon storage tank located off Hammersley Drive. The Village distributes water to approximately 416 customers. The Village also treats its water with polyphosphate to provide corrosion control.

Since the original construction in 1938 most main lines materials are PVC (c900) and DI. Within the distribution system, none of the pipes themselves are known to contain any lead. There are also no known lead pig tails or solder on the public side.

The water meters at each customer location are as old as 1980's and may contain more than 8% lead. There are also meters installed before 1998 which also may contain more than 8% lead. Meters installed after 2014 will have less than 0.25% lead. However, meters in the Village of Tuscarawas mostly consist of Sensus meters and are brass. However, there may be a few Neptune meters in some residences and businesses. Most meters are all compliant with EPA regulations by the date they were manufactured.

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 the Village of Tuscarawas, there are only 4 known structures built since 2014, and therefore nearly all buildings in the district may have some lead in the solder or fixtures. If a service line is changed and it is for a regular residential customer, it is required to have $\frac{3}{4}$ " copper or $\frac{3}{4}$ " PVC with a minimum of 200 psi. The Village of Tuscarawas inspects lines before they are covered to make sure any new services are within EPA regulations.

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 Tuscarawas 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 Tuscarawas if they have determined whether or not a lead service line exists. Please contact the Village Administrator by calling 740-922-2495 or sending an email to tuscvg@tuscvg.org . 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 Tuscarawas Public Water System, please contact:

Mike Heil, Superintendent
522 E. Cherry St
Tuscarawas, Ohio 44682
740-922-2495 (Office)

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>

Lead and Copper Sample Sites

Tuscarawas Village,
Ohio
Water System
Tuscarawas, County
PWS ID OH 7901512

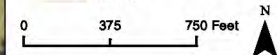
Probability of Lead Services

Private / Public

- No Lead / No Lead
- Unknown/Unknown

Water Main Lines

- Ductile Iron (DIP)
- High Density Polyethylene (HDPE)
- c900 (c900)
- Boundary
- Parcel



This map is not intended for design engineering, surveying, or construction purposes. 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. All data, information and documentation within this map are provided "as is" without warranty of any kind, either expressed or implied. The suitability of the data and information contained in this map is not guaranteed, and the user assumes all risk for such uses. WSOS, Community Action 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. All questions, comments and data errors should be directed to Ohio RCAP by phone at 330-518-2963, or by email at eapeluchette@wsos.org. Source: Midvale Staff, U.S. Census Bureau, Ohio RCAP GPS data collection. Projection: NAD 1983 Ohio State Plane North (feet)

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 importance 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: OGBIP, Jefferson County Auditor, RCAP GIS, Datum/Projection: NAD 1983 Ohio State Plane North (ft) Date: 3/2020 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.

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



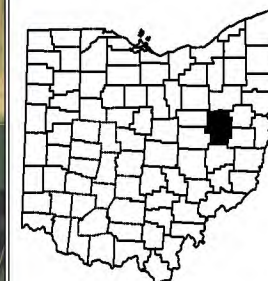
Lead and Copper Sample Sites

Tuscarawas Village,
Ohio
Water System
Tuscarawas, County
PWS ID OH 7901512

Lead & Copper Sample Sites

- ★ Tier 1
- ★ Tier 2
- ★ Tier 3
- Water Main
- Boundary
- Parcel

0 375 750 Feet



This map is not intended for design engineering, surveying, or construction purposes. 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. All data, information and documentation within this map are provided "as is" without warranty of any kind, either expressed or implied. The suitability of the data and information contained in this map is not guaranteed, and the user assumes all risk for such uses. WSOS, Community Action 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. All questions, comments and data errors should be directed to Ohio RCAP by phone at 330-518-2963, or by email at eeapeluchette@wsos.org. Source: Midvale Staff, U.S. Census Bureau, Ohio RCAP GPS data collection. Projection: NAD 1983 Ohio State Plane North (feet)



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, RCAP GIS, Datum/Projection: NAD 1983 Ohio State Plane North (ft) Data: 3/06/2017 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.

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