

To comply with Section 6109.21 of the Ohio Revised Code, enacted in September 2016, the Village of Powhatan Point in Belmont County, Ohio has created the following report and attached map to identify known and potential components of water service lines that contain lead (Pb).

The following information and attached map do not verify the presence of lead in any of the plumbing components or structures shown. The information and map only show the probable or possible locations based on the year that structures were built, or by the year that the plumbing component was installed.

RCAP staff and the Village of Powhatan Point Water Department met on February 10th, 2017 to review a map of the service area. No applicable historical maintenance and operation records, tap cards, or as-builts were available to identify lead component locations. Locations where it is known that service lines are not lead were identified by the Village of Powhatan Point Water Department and recorded in a GIS database. Operators Paul Mcloud and Larry Kinney, who have a combined total of 35 years of experience, have not seen or removed lead service lines in Powhatan Point.

Public and Private Ownership of Service Lines

The Village owns and maintains service lines from the water distribution mains up to the curb stops 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 tables below provide information about the possibility of lead service lines and use of leaded plumbing materials to the customers Powhatan Point serves. The year the structure was built, or the year the plumbing components were installed determines which category it falls into.

Public Service Line Lead Probability		
Possibility of Lead	Public Lines #	% of System
Non-Lead	315	8.47%
≤ 8% Lead Alloy	15	20.06%
Very High (1825-1920)	58	15.25%
Moderate (1921-1950)	142	1.41%
Mild (1951-1980)	108	2.12%
Very Low (1981-1997)	10	44.49%
No Data	60	8.19%

The GIS data showed that there was a very high probability in 58 Village owned services. Those services were installed from 1825 to 1920 and have not been replaced since. It was standard to use lead as a service line or solder during that time period. If Powhatan Point has any lead service lines it would more than likely be in those 58 services.

This report errs on the side of caution since it cannot be concluded that there is or is not lead in a service. The number of “very high” probability lead services shown above is likely to be lower as the operators have not seen any lead lines. During replacement projects in the older sections of town, galvanized lines were usually observed throughout.

Services installed before 1998 may have leaded pipe, solder, or fittings that contain more than 8% lead, which would result in elevated lead levels.

Private Service Line Lead Probability		
Possibility of Lead	Private #	% of System
Non-Lead	0	0%
≤ 8% Lead Alloy	21	2.97%
Very High (1825-1920)	93	13.14%
Moderate (1921-1950)	268	37.85%
Mild (1951-1980)	184	25.99%
Very Low (1981-1997)	16	2.26%
No Data	126	17.80%

The Village of Powhatan Point does not keep record of what type of pipe is installed on the customer side. Village staff has not seen any private lead service lines when replacing meters. Private services installed before 1998 may have leaded solder or fittings that contain more than 8% lead.

Distribution System

Within the distribution system, none of the pipes themselves are known to contain any lead; however, there are joints, valves, and fittings within the system that may contain lead.

The Village of Powhatan Point has approximately 12 miles of water main lines. The table below shows which lines may or may not have lead solder, valves, or fittings according to pre or post regulation.

Probability of Lead Solder and Fittings in Water Main		
Lead in Water Main Materials	Feet of Pipe	% of System
Improbable (material typical post-1998)	31197.62	50.12%
Probable (material typical pre-1998)	31048.8	49.88%

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.

According to county auditor records, 0 structures have been built since 2014. Therefore, nearly all buildings in Powhatan Point may have some percentage of lead in the plumbing components.

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 Belmont 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 Powhatan Point Water Department if they have determined whether or not a lead service line exists. Please contact the Water Billing Clerk by calling (740)-391-0105 or sending an email to powhatansewer@windstream.net. A representative from the water department will contact you to confirm and update this information for the next map release.

EPA Test Sites

The table below lists the OEPA locations used for lead and copper sampling. The Map ID column is used to identify testing sites in the OEPA Test Site Map that follows this report.

Map ID	Address	Tier
1		1
2		1
3		1
4		1
5		1
6		1
7		1
8		1
9		1
10		1

Contacts and Resources

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

Village of Powhatan Point Water
104 Mellott Street
Powhatan Point, OH 43942
(740) 795-4750

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>

Powhatan Point, OH Lead Service Line Probability

PWS OH-0701412

Symbol representing single service line

Ownership of Line

Public

Private

Parcel Outline

Material of Service Line Known

Non-Lead

≤ 8% (1998-2013)

Probability of Lead Service Line
Determined by year structure was built

Very High (1825-1920)

Moderate (1921-1950)

Mild (1951-1980)


Very Low (1981-1997)

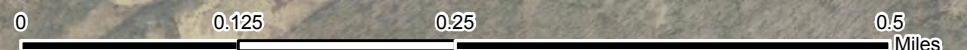
No Data

0 0.125 0.25 0.5 Miles

RCAP
Real Community Assistance Program

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. 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 330-329-9951 or by email at bdbeyerle@wsos.org. NAD 1983 Ohio State Plane S. (R). Source: Belmont County Auditor, OGRIP, RCAP GIS, February 2017

 No Data



Powhatan Point OEPA Lead and Copper Test Sites

PWS OH-0701412



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