RE: Kelleys Island Village
Report
Drinking Water Program
Erie County
PWS ID: OH2201111

Village of Kelleys Island
Public Water System Lead (Pb) Components

PWSID# OH22001111 Prepared February 2017

To comply with Section 6109.21 of the Ohio Revised Code, enacted in September 2016, the Village of Kelleys Island in Erie 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 Kelleys Island Water Department distributes water to 630 customers. The Village owns and maintains service lines from the water distribution mains up to the curb stops for most of its water customers. The remainder of each service line from the curb stop to the building is the responsibility of the property owner. There are just a few places where the customer owns up to the meter.

The table below provides information about the possibility of lead service lines and use of leaded plumbing materials to the customers Kelleys Island serves. The year each structure was built determines the probability assignments.

Service Line Lead Probability				
Possibility of Lead	**Public**	**% of System**	**Private**	**% of System**
Very High	0	0%	0	0%
High	5	0.7%	179	28.4%
Moderate	175	27.8%	103	16.3%
Low	4	0.6%	209	33.2%
No lead/Very Low	447	70.9%	139	22.1%

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Distribution System & Corrosion Control Measures

When creating the probably for lead in the public side of the systen the community used the install dates from their records to identify what the likilihood of lead is in their systems. This is shown in the map as the top part of each square. Their probability takes into account the joints and solder as well.

The Village does take steps to counter any corrsion that may occur within their system by treating it with potassium hydroxide.

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.

Customer Self-Reporting

The information on this map regarding privately owned service lines is based on the information from the water system staff and Erie County building 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 Kelleys Island Water Department if they have determined whether or not a lead service line exists. Please contact the Water Superintendent by calling 419-746-2555. 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 Kelleys Island Public Water System, please contact:

Superintendent- Brandon Evans - 419-746 -2555

Water Operator- Scott Krzynowek- 419-746 -2555

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

Kelley's Island Lead Service Line Probabilty
ID: OH2201111
Probability of Lead
Service Point
Public
Private
Lead
High Probability
Moderate Probability
Low Probability
No Lead
Unknown
0
1,500
3,000 Feet
N

Kelleys Island Sampling Sites
ID: OH2201111
LC201
LC202
LC203
LC204
LC205
LC206
LC207
LC208
LC209
LC210
0 1,000 2,000 Feet
Sampling Sites Tier Levels
1
3
N
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community