## Winesburg Area Development Corporation Public Water System Lead (Pb) Components

PWS# OH 3801412 Prepared February 2017

To comply with Section 6109.21 of the Ohio Revised Code, enacted in September 2016, the Winesburg Area Development Corporation (WADC) in Holmes County, Ohio has created the following report and attached maps to identify known and potential components of its public water system that contain lead (Pb).

RCAP staff and WADC representatives met on February 6<sup>th</sup>, 2017 to review possible presence of lead in the service area. Few applicable historical maintenance, or operational records, tap cards were available to identify lead component locations. However, operators with extensive experience and knowledge of the system were present to provide the best knowledge of the system. Lead component findings were identified by WADC and recorded in a GIS database.

### **Service Lines and Ownership**

The WADC distributes water to approximately 500 customers. The system owns and maintains service lines from the water distribution mains all the way up to the meter. The majority of the meters in the WADC water distribution system are inside the residences and businesses. The entire service line from the main, through the curb stop, and into the meter is owned and maintained by WADC. Since the original construction of the water system in 1974, it has been standard procedure for the water system operators to use 3/4" (or larger) 'polyline', CTS plastic (rated for 200 psi), for the entirety of the service line construction.

While the water distribution system existed before official lead mandates were put in place, there are not any lead service lines within the WADC water distribution system. Contractors approved to install service lines have only installed plastic service line. The long-time operator of the system has been there to witness the vast majority of installations and served as the inspector. While there are not many remaining records to document past service line installations, he can guarantee that all service lines were installed using plastic. No lead, galvanized, or copper lines were used for service lines.

### **Distribution System**

The WADC produces treated ground water and distributes potable water through approximately 28 miles of water main lines. The water distribution system was constructed between 1974 and 2017. The entire system was constructed using plastic water line. Both SDR 12 and c900 PVC plastic pipe (between 1 ½" and



10") have been used. No metallic pipes were used in the construction of this relatively young water distribution system.

### **Water Meters and Indoor Plumbing**

None of the customer water meters are believed to contain lead. While some of the meters are original to the 1970s, the meters have plastic and magnetic components. Newer meters are complete plastic construction.

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. Less than 10 structures have been built since 2014. Therefore, nearly all buildings in the service area may have some percentage of lead in the plumbing components except those that used all plastic materials.

### **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 Holmes 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 WADC Water Department if they have determined whether or not a lead service line exists. Please contact the Water Billing Clerk by emailing <a href="WADC@frontier.com">WADC@frontier.com</a> or calling (330)359-6330. 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 WADC Public Water System, please contact:

WADC Water Department
Phone (330) 359-6330
Email WADC@frontier.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 <u>http://epa.ohio.gov/pic/lead.aspx</u>
- US EPA Lead in Drinking Water Information Page
   <a href="https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water">https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water</a>
   water



# WADC Public Water Distribution System Lead Components and Lead Service Lines Map

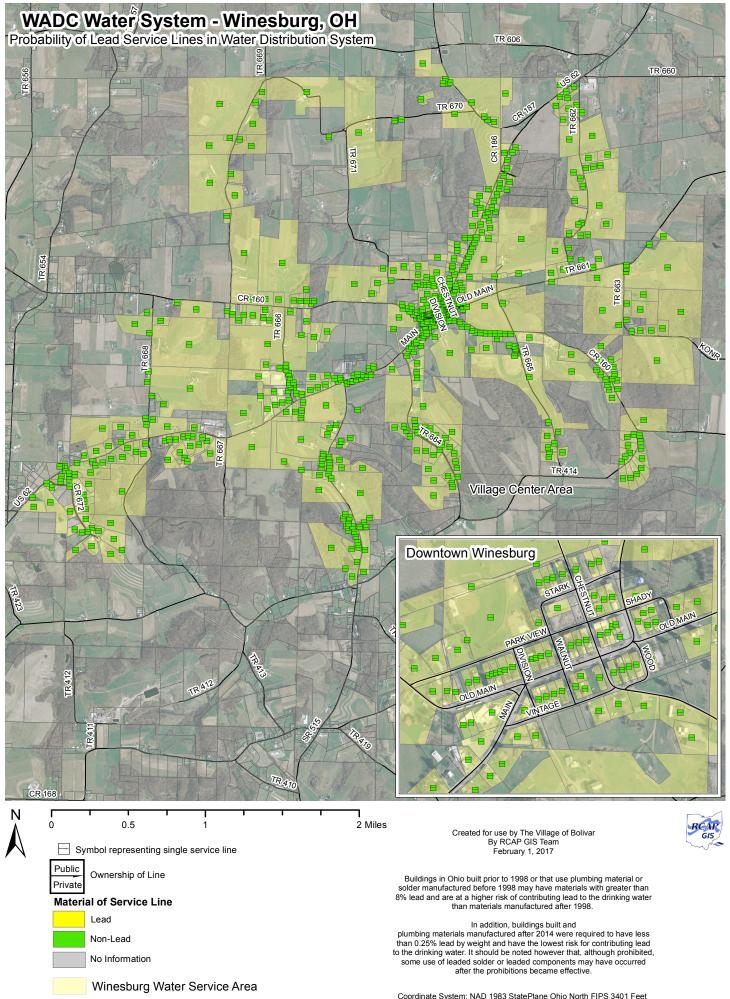
The following map(s) does not verify the presence of lead in any of the lines or structures shown. This map only shows the probable or possible locations based on the year that the structure was built, historical maintenance and operation records, and customer or utility staff verification.

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

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.

GIS Data Sources: OGRIP, OSIP, Holmes County Auditor, RCAP GIS. Datum/Projection: NAD 1983 Ohio State Plane North (ft) Date: 2/23/2016





# VERIFICATION FORM FOR COMMUNITY PUBLIC WATER SYSTEMS CLAIMING NO LEAD SERVICE LINES

The owner or operator of all community public water systems must identify and map areas of their distribution system that are known or are likely to contain lead service lines. Systems must submit a copy of the applicable map to the Ohio Department of Health and the Ohio Department of Job and Family Services. Systems must also submit a report to the director containing at least both of the following: (1) The applicable map with narrative, and (2) A list of sampling locations used to collect samples as required by Ohio Revised Code (ORC) Section 6109.121 and any rules adopted thereunder, including contact information for the owner and occupant of each sampling site.

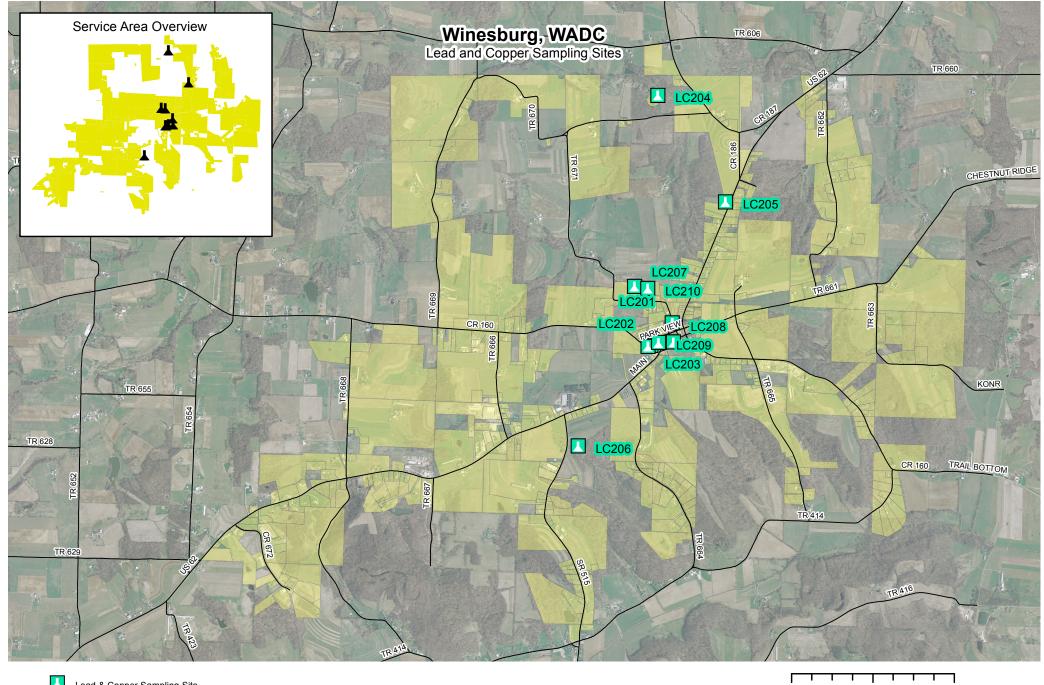
Should a water system determine no lead service lines exist in their distribution system, they must provide information stating they reviewed, at the minimum, historical permit records and local ordinances, distribution maintenance records and information pertaining to installation dates or materials for all services lines. This information must be verified below.

I HEREBY CERTIFY THAT THE FOLLOWING METHOD(S) WERE USED TO DETERMINE NO LEAD SERVICE LINES EXIST IN THIS WATER SYSTEM'S DISTRIBUTION SYSTEM, AS REQUIRED BY ORC 6109.121(F):

# LEAD SERVICE LINE VERIFICATION This PWS states they have no lead service lines and has reviewed the following information (select one or more of the following): ☐ Historical permit records and/or local ordinances ☐ Distribution maintenance records (i.e. meter replacement, waterline break repairs) ☐ Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned) ☑ Service line material of all service lines is known (i.e. all service lines are known to be PVC)

| 2/27/17        |                        |
|----------------|------------------------|
| Date PWS NAME: | WADC                   |
| PWS ID:        | OH 3801512             |
| 0001111.       | Holmes                 |
| ۰              | Date PWS NAME: PWS ID: |

| For Ohio EPA use only:   |  |
|--------------------------|--|
| Date Verification Rec'd: |  |





Mount Eaton PWS Service Area



1,250 2,500 5,000 Feet

Created for use by Winesburg Area Development Corporation By RCAP GIS Team February, 2017