

# Village of Lisbon Lead Mapping for 2017

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Village of Lisbon PWS 1501512

203 North Market Street

Lisbon, Ohio 44432

## Lead and Copper Sample Sites

1501512 - 203 North Market St	Tier 1
1501512 - 203 North Market St	Tier 1
1501512 - 203 North Market St	Tier 1
1501512 - 203 North Market St	Tier 1
1501512 - 203 North Market St	Tier 1
1501512 - 203 North Market St	Tier 2
1501512 - 203 North Market St	Tier 2
1501512 - 203 North Market St	Tier 2
1501512 - 203 North Market St	Tier 2
1501512 - 203 North Market St	Tier 2

### I. **PURPOSE:**

**This letter is in reference to the Ohio Environmental Protection Agency requirement for:**

Mapping a distribution system to identify areas that are known to contain or likely to contain lead services lines and identify homes or buildings served by community water systems that may contain lead piping, solder or fixtures.

### II. **IDENTIFYING DISTRIBUTION AREAS WITH LEAD SERVICE LINES**

The direct identification of lead service lines is very difficult and costly because water infrastructure is buried, and currently no reliable methods exist for identifying these lines other than direct observation. Any older employee, plant or service records that may have existed at the water plant were destroyed in a fire that occurred on Oct. 22, 1997. All water and sewer maps were also destroyed at that time.

The areas that we have identified as possibly containing lead lines are identified on map with red. These distribution lines are the oldest active distribution lines. They are 4 and 6 inch cast iron pipe with Lead packed seals. Over the years we have discovered many service

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lines that had 12 to 24 inch lead "jumpers" coming off of corporation tap and connecting to galvanized piping to service curb stops. Occasionally we found lead all the way to curb stop. On these occasions we replaced line with copper.

**III. IDENTIFYING CHARACTERISTICS OF HOMES OR BUILDINGS WITH LEAD PIPING, SOLDER OR FIXTURES**

Because it is practically impossible to determine the lead content of an installed fixture, fitting or pipe, it should be assumed that the manufacture or installation date is the primary indicator of the lead content. Therefore, the characteristics of buildings and piping solder or fixtures used prior to 1988 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water.

Respectfully,



Kenneth M. Ours

Operator of Record

Village of Lisbon

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