

Distribution System Lead Mapping

Legend

Water Service Area

- Lead
- Non-Lead
- Lead & Copper SMP ID's

Streets

CLASS

- Interstate
- Principal Arterial-Urban
- Minor Arterial-Urban
- Secondary
- Collector-Urban
- Local
- Median Cut
- Alley
- Private
- Pkg Lots
- Railroad Tracks
- Points of Interest
- AK Steel
- School Buildings
- Middletown Airport
- Runway
- City Parks
- City Limits
- Great Miami River





CITY OF
MIDDLETOWN

February 15, 2017

Southwest District Office
401 E. Fifth St.
Dayton, OH 45402

RE: Lead Mapping of Distribution System

In an effort to determine buildings in Middletown likely to contain lead solder, plumbing, or fixtures, City of Middletown staff have been working diligently since mid-January to gather any and all available data to assist the ORC in producing the required map of our distribution system. While it is known that there are some remaining Lead service lines in the Middletown water system, no existing records have been found to indicate exact individual locations of Lead service lines.

All City departments with knowledge or data that could be used to perform Lead mapping of our water system met together on January 27, 2017 at 10am in the Public Works conference room. Representatives from the divisions of Water Treatment, Water Distribution, Water Billing, Building Inspection, and GIS, met with the water system ORC and the Director of Public Works and Utilities. The OEPA guidelines for Lead Mapping in Distribution Systems had been reviewed by all in attendance prior to the meeting.

The Building Inspector stated that he has only come across one lead service line on the private side since he has worked for Middletown. The location was not documented at the time, it was many years ago. Water Distribution and Water Billing staff agreed that they are not aware of any buildings with lead service lines on the private side but they could exist in the older parts of town. Lead solder definitely exists in the downtown area. Copper, galvanized, and PVC is the most commonly found service lines outside of downtown area. All attendees agreed that the Lead service lines that currently exist in the Middletown are (1.) located in a particular area of Middletown and (2.) typically exist from the water main to the curb stop only.

All in attendance agreed that Lead service line data needs to be collected by Building Inspection and Water Distribution staff and forwarded to the ORC from this point forward. That data will be used by the ORC and the GIS department to keep our system map updated. Water Distribution staff then outlined the areas on the system map where they believe Lead lines are known to exist. The ORC worked with GIS staff to prepare the Lead map as required by OEPA using Butler County property search information, SMP ID's worksheet data, Water Billing database, existing GIS maps, and input from all Public Works departments.

A map of the Middletown distribution system is attached to this report. The map is color coded with areas of the system known or likely to have lead service lines. Middletown will continue to collect data and update the map as individual locations with Lead lines are discovered or reported to us. The areas of the map color coded yellow contain an unknown number of Lead service lines and no data is currently available to perform Public/Private side color coding for individual buildings.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew S. Belcher". The signature is fluid and cursive, with a large initial "A" and a long, sweeping underline.

Andrew S Belcher
Operator of Record
City of Middletown

Cc: Scott Tadych, Public Works and Utilities Director
Doug Adkins, City Manager