

Medina County Sanitary Engineers
Medina County Southern Water District
PWS #OH5260712
Lead Map Creation Narrative

Pursuant to HB512 the *Medina County Southern Water District PWS #OH5260712* has created a map of the areas in the district that possibly contain lead solder and/or plumbing fixtures containing lead alloy. Using the color coding recommended by the Ohio EPA, only those locations constructed in 2014 or later are color coded green indicating the absence either lead solder or plumbing fixtures containing lead alloy.

The methodology employed in the construction of the lead map for this water district is as follow:

- The SWDA stipulates a lead-free threshold at 0.25 percent effective in 2014. With the amendments to regulations in effect at this time for potable water service connections, *PWS #OH5260712* lead mapping considers locations of connections since then to be lead-free.
- The distribution system for *PWS #OH5260712* was reviewed in entirety utilizing permit applications, installation drawings where necessary and tax map records to differentiate service locations where lead solder and lead alloy bearing fixtures were likely to be present. The color code for these locations on the map is yellow.
- The map for *PWS #OH5260712* was created, as recommended by Ohio EPA, utilizing major streets, highways and bodies of water as obvious markers for orientation.
- Obvious borders were included to show the limits of the distribution system with neighboring CWS.
- A legend, directional arrow showing North, title and logo were also included in the map.
- The lead map for *PWS #5260712* is formatted in .PDF for ease of electronic transmission and may easily be printed in color to a suitable size.

MEDINA COUNTY SANITARY ENGINEERS
SOUTHERN WATER DISTRICT



2017

