

VILLAGE OF SOMERSET POTABLE WATER DISTRIBUTION SYSTEM

SERVICE NARRATIVE

Community Public Water System

The Village of Somerset potable water distribution system is comprised of ductile iron, PVC, and HDPE pipeline materials of various age. Service lines are predominately HDPE, but a few galvanized and copper services lines do exist. Somerset has worked over the last few years to replace much of the original system. Newer installations and/or replacements have utilized HDPE service lines. These newer installations are lead free.

The sections of line that have not been replaced are ductile iron. While none of the original ductile iron mains have been found to have leaded joints or service lines, it is possible they may exist. See the attached Lead Service Location Map for detailed locations of water mains and services with possible lead materials.

Characteristics of Buildings

The Village of Somerset was established in 1810 and has many older and historic structures still occupied. These older homes and businesses could have possible lead sources in the private plumbing and fixtures. Buildings constructed prior to 1998 have a higher risk of lead piping, solder, or fixtures. To identify the locations of possible lead contamination, the Village has identified any homes built before 1998. See the attached map identifying areas of construction prior to 1998.

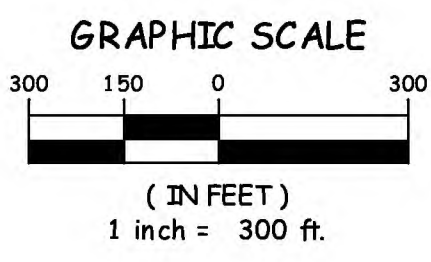
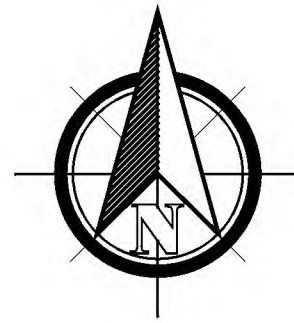
Prevention and Detection

To reduce the risk of lead contamination in the distribution system, the Village of Somerset feeds caustic soda at the water treatment plant. These additives coat the distribution system and reduce the risk of lead leaching into the system. The Village has had no elevated lead or copper levels detected at any of their sampling locations. The sampling locations are indicated on the Lead Service Location Map.



VILLAGE OF SOMERSET

WATER SYSTEM MAP



- LEGEND**
- WATERLINE NON-LEAD
 - WATERLINE POSSIBLE LEAD
 - HYDRANT
 - XXX BUILDING CONSTRUCTION PRIOR TO 1998
 - XXX BUILDING CONSTRUCTION AFTER 1998

