



Lead Line Mapping Narrative

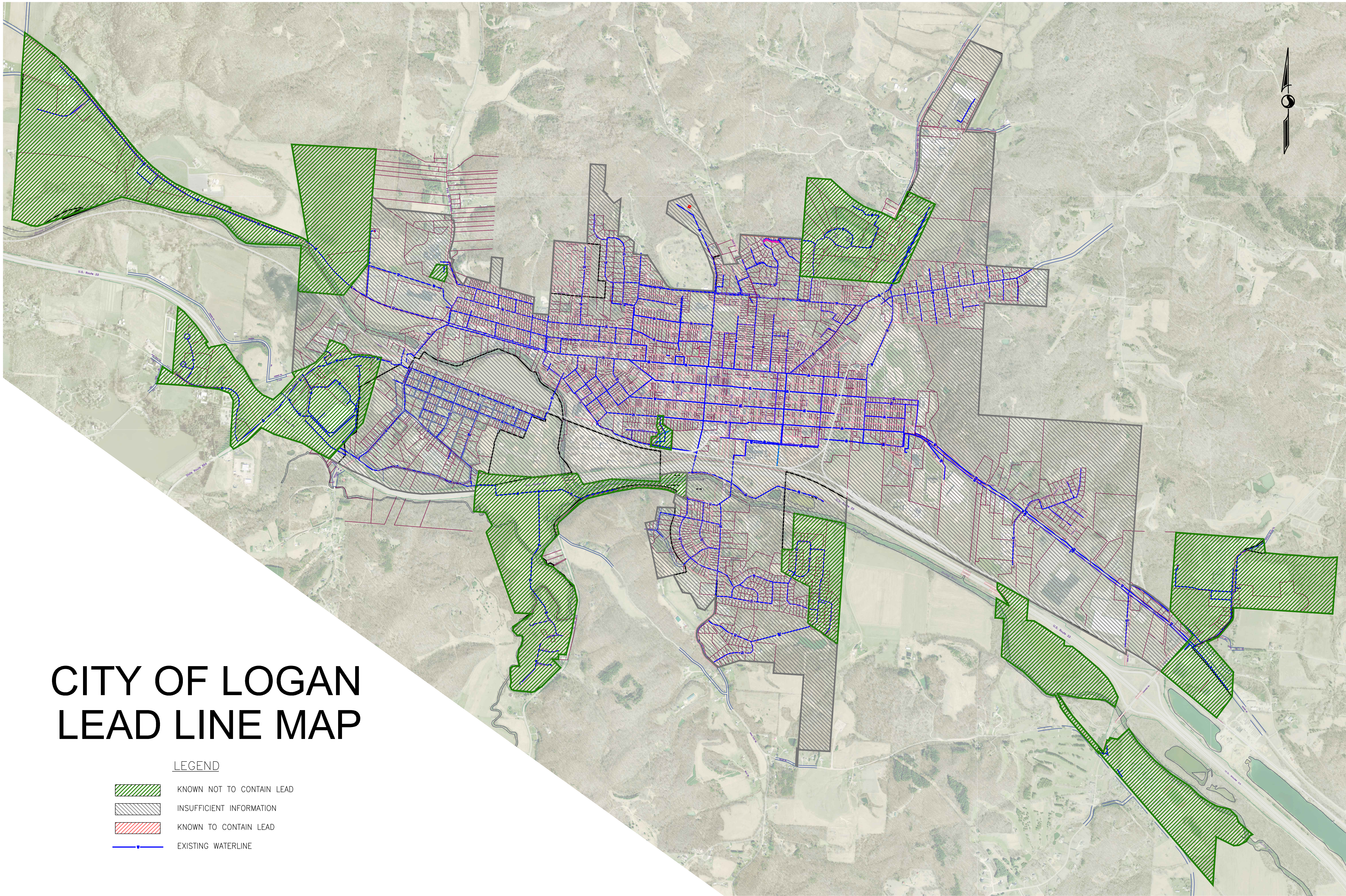
The City of Logan owns and maintains a public water system that serves approximately 3,300 customers. The system varies widely in age and condition with the oldest portions being in the central portion of the City while the newer sections are on the outer areas. The system contains a variety of main line and service line materials as well. New or recent construction projects utilize pvc main line and pe service line and therefore can be classified as not containing lead.

The City lacks sufficient records to accurately determine areas within the system containing lead service lines or main line joints. They do not have a building department or permit records. The as-built drawings on file do not indicated the material utilized for service line installation for the various projects. Their existing operation and maintenance records do not contain information about the material of existing lines that were repaired. The City does not use tap cards for new installations nor do they have any historic tap card records. The City has not implemented a customer self-reporting program to identify lead lines within the distribution system. Due to the lack of adequate record information, the only basis of determination for preparation of the lead line map is age of the building.

Because it is practically impossible to determine the lead content of an installed fixture, fitting or pipe, it is 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 would be 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. In addition, 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.





For the mapping purposes, any buildings or areas constructed prior to 1998 were classified as “no information available”, while buildings or areas constructed in 1998 or after were classified as “no lead”. The age of the building and area was obtained from waterline construction plans and the knowledge of City staff.

The City is not aware of the presence of any lead service lines or main line joints within the system, but cannot rule out the possibility. Upcoming construction project will replace the entire public portion of the system in the project area, so it will be possible to verify the lack of lead lines on the public side in additional areas as projects are completed.



CITY OF LOGAN LEAD LINE MAP

LEGEND

-  KNOWN NOT TO CONTAIN LEAD
-  INSUFFICIENT INFORMATION
-  KNOWN TO CONTAIN LEAD
-  EXISTING WATERLINE



PREPARED BY:

Stantec

1311 W. HUNTER STREET LOGAN, OHIO 43138
(740) 380-2828 T-866-558-2828
FAX (740) 380-3535

PROJECT NO. 173408988

SHT 1 OF 1

FALLS TOWNSHIP, HOCKING COUNTY, OHIO

CITY OF LOGAN WATER SYSTEM

2017

LEAD LINE MAP

UNDERGROUND UTILITIES

Two Working Days

BEFORE YOU DIG

OHIO UTILITIES PROTECTION SERVICE

Call 811 (Toll free)

NON-MEMBERS

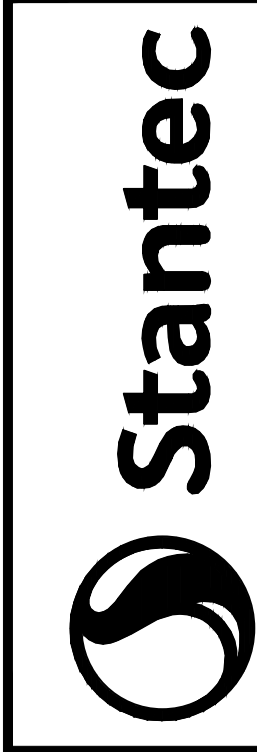
MUST BE CALLED DIRECTLY

OGPUPS

Ohio Oil & Gas Producers Underground Protection Service

Call (800) 925-0988

REVISIONS			
DATE	DESCRIPTION	BY	



1311 W. HUNTER STREET LOGAN, OHIO 43138
(740) 380-2828 T-866-558-2828
FAX (740) 380-3535

DESIGN	
DRAWN	RMc
SCALE:	NONE

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N:\73-08988\Drawing\Logan Water System Improvement\W. Replacement\Lead Sampling Index Map.dwg LEAD SAMPLING INDEX MAP Jan 06, 2017 - 1:51:00pm rgmcdaniel



PROJECT NO. 173408988

1 OF 1

FALLS TOWNSHIP, HOCKING COUNTY, OHIO
CITY OF LOGAN
WATER SYSTEM
PWS ID No. OH3700612
2017
LEAD & COPPER SAMPLING INDEX MAP

UNDERGROUND UTILITIES
Two Working Days
BEFORE YOU DIG
Call 811 (Toll free)
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(740) 380-2828 F-666-556-2828
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DESIGN	GDS
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SCALE:	NONE

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