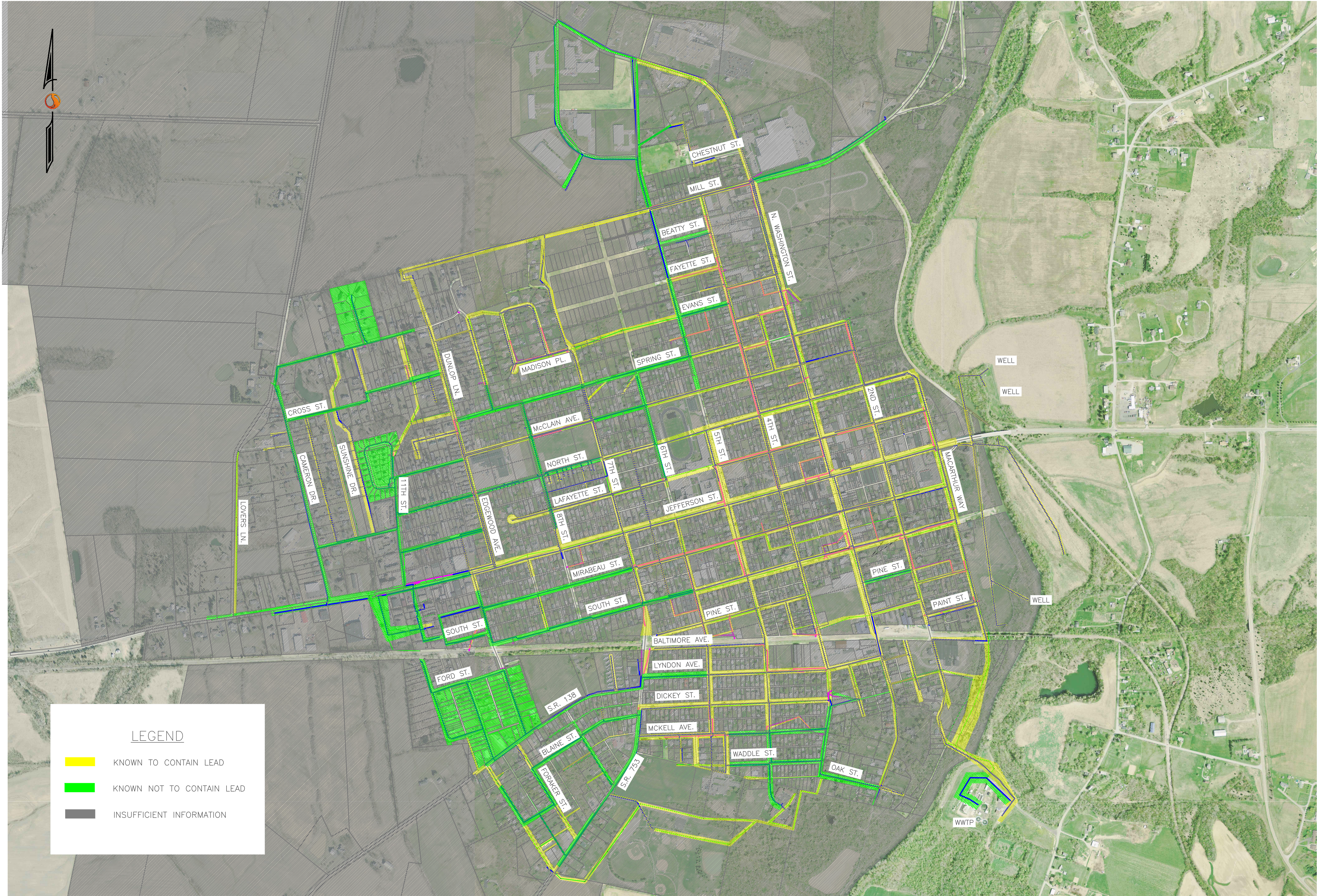


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PROJECT NO. 173409252

1 OF 1

HIGHLAND COUNTY, OHIO  
VILLAGE OF GREENFIELD

LEAD LINE MAP  
PWS ID# OH3600312

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#### REVISIONS

DATE	DESCRIPTION	BY

**Stantec**

1311 W. HUNTER STREET LOGAN, OHIO 43138  
(740) 380-2828 1-866-658-2828  
FAX (740) 360-3656

DESIGN: GDS  
DRAWN: EZS  
SCALE: 1" = 500'

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### Lead Line Mapping Narrative

The Village of Greenfield owns and maintains a public water system that serves approximately 2,292 customers. The system varies widely in age and condition with the oldest portions being in the central portion of the Village 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 Village lacks sufficient records to accurately determine areas within the system containing lead service lines or main line joints but did feel that there is a potential of some of the original mains containing lead joints based on repairs they have made. They contract with the Ross County Building Department but do not have any 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 Village does not use tap cards for new installations nor do they have any historic tap card records. The Village 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 and interviews with staff who have worked on the system.

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 Village staff.

The Village is aware of the presence of main line joints that were replaced as they were found but does not have a record showing where they were removed so they cannot rule out the possibility.