

## VILLAGE OF CORNING

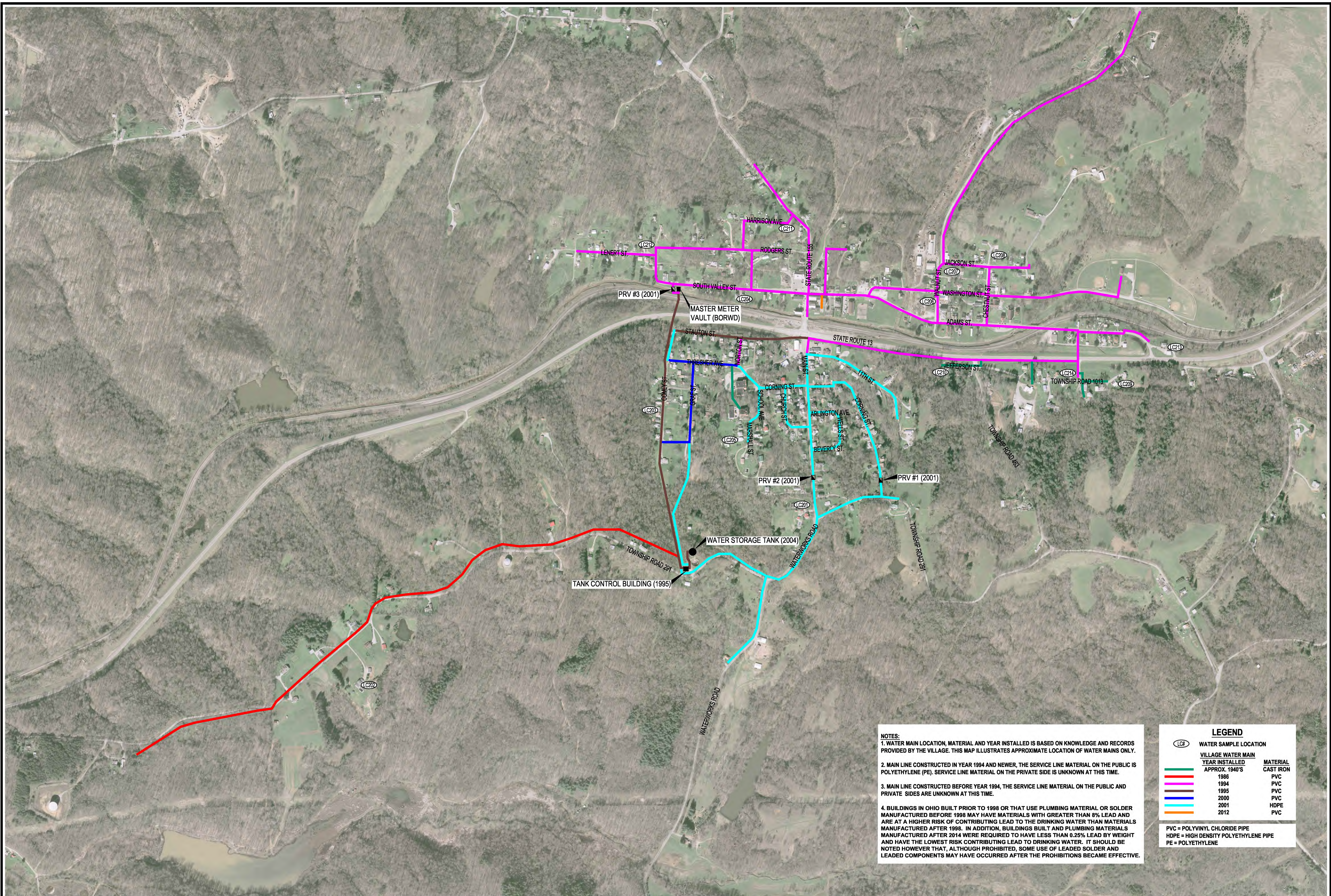
PWS #6400003  
Perry County, Ohio

In June 2016, House Bill (HB) 512 was passed to enact section 6109.121 of the Ohio Revised Code to create requirements governing lead and copper testing for community and non-transient non-community public water systems and to revise law governing lead contamination from plumbing and fixtures. The new law also requires community water systems to identify and map areas of their distribution systems that are known or likely to contain lead service lines. The community water systems must also identify and provide a description of the characteristics of buildings served by the system that may contain lead solder, fixtures or pipes.

In accordance with HB 512, the Village of Corning, PWS #6400003, worked with their engineering consultant to produce an overall water system map. The map includes approximate location of the distribution system with color coded lines that indicate type of main line material, approximate year of installation and other system features. The map also includes lead and copper sample site locations. Due to the short timeframe between final EPA guidance being issued and the deadline for submission of the map, the service line materials are unknown in many areas. Currently, the village believes all service lines installed as part of projects from 1994 to current have been polyethylene (PE) piping on the public side. For projects prior to 1994, the exact materials of service lines on the public side are currently unknown. The service line material on the private side are unknown throughout the village. The village is currently seeking customer input through a questionnaire to help identify service line materials, particularly on the private side of the service. In addition, village personnel will begin to collect additional service line information during repairs, replacements, service requests, etc. As information is gathered, the map will be updated accordingly.

EPA guidance provides the following: Based on amendments to the Safe Drinking Water Act (SDWA) and Ohio Plumbing Code, the age of a building or the age of a re-plumbing are indicators of the plumbing materials. **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 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.**

With that guidance in mind, it is likely that plumbing materials, especially on the private (customer) side, contain components that exceed the 8% lead and are at a higher risk. The Village of Corning was platted in 1878 with known buildings constructed in the 1880s. Again, the village is working to compile the specific information from their customers to better determine those that may be in that category.



**NOTES:**

1. WATER MAIN LOCATION, MATERIAL AND YEAR INSTALLED IS BASED ON KNOWLEDGE AND RECORDS PROVIDED BY THE VILLAGE. THIS MAP ILLUSTRATES APPROXIMATE LOCATION OF WATER MAINS ONLY.
2. MAIN LINE CONSTRUCTED IN YEAR 1994 AND NEWER, THE SERVICE LINE MATERIAL ON THE PUBLIC IS POLYETHYLENE (PE). SERVICE LINE MATERIAL ON THE PRIVATE SIDE IS UNKNOWN AT THIS TIME.
3. MAIN LINE CONSTRUCTED BEFORE YEAR 1994, THE SERVICE LINE MATERIAL ON THE PUBLIC AND PRIVATE SIDES ARE UNKNOWN AT THIS TIME.
4. 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 CONTRIBUTING LEAD TO DRINKING WATER. IT SHOULD BE NOTED HOWEVER THAT, ALTHOUGH PROHIBITED, SOME USE OF LEADED SOLDER AND LEADED COMPONENTS MAY HAVE OCCURRED AFTER THE PROHIBITIONS BECAME EFFECTIVE.

LEGEND		
WATER SAMPLE LOCATION		
VILLAGE WATER MAIN		
YEAR INSTALLED		MATERIAL
APPROX. 1940'S		CAST IRON
1986		PVC
1994		PVC
1995		PVC
2000		PVC
2001		HDPE
2012		PVC

PVC = POLYVINYL CHLORIDE PIPE  
 HDPE = HIGH DENSITY POLYETHYLENE PIPE  
 PE = POLYETHYLENE

**VILLAGE OF CORNING**  
**WATER SYSTEM MAP**  
**LEAD AND COPPER MAP**

59 Grant Street  
 Newark, Ohio 43055  
 PH: (740) 344-5451  
 www.jobshenderson.com

**Jobs Henderson**  
 A HULL COMPANY

DATE: \_\_\_\_\_  
 PLAN ISSUE/REVISION: \_\_\_\_\_  
 NO.: \_\_\_\_\_

DATE: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: **02/14/2017**

JOB NUMBER:  
**VCN**

**1**

SCALE: 1" = 800'  
 HORIZONTAL SCALE IN FEET