



VILLAGE OF BEAVER

BOARD OF PUBLIC AFFAIRS

Water System Lead Probability Report

Beaver Public Water System

Water Supply Serial Number: 69272
SDWIS System ID: OH6600012

The Village of Beaver Public Water System (the system), serves approximately two hundred customers primarily within the Incorporated Village of Beaver in Pike County. The two hundred services of the system provide potable water to approximately five hundred people plus the Eastern Local Schools campus which has a student/staff population of one thousand.

SYSTEM HISTORY

The Village of Beaver was founded in 1839 and incorporated in 1900. A public water system was not constructed until 1955. Prior to that time all citizens obtained their water by way of private wells. That system consisted of a 40,000 gallon wood storage tower and single well. A small filtering station was included as a part of the original system. In 1980 much of the original water distribution lines were replaced. A new full treatment water plant was constructed in 1981.

The system consists of the water treatment plant located at 6939 State Route 335, two pedestal water storage towers, and two wells. The oldest storage tower, located in the center of the village, was constructed in 1978. The new tower is located on Beaver Pike near the Eastern Local School Campus and was constructed in 2002. Both wells are located behind the water treatment plant and extract water from the buried Teays River Aquifer. The treatment facility consists of dual sand filters, ***. The system operates two wells that pump approximately 57,000 gallons of water per day from the Teays sand and gravel aquifer (water-rich zone). Depth to water in this aquifer is approximately 35 feet below the ground surface.

BUILDINGS SERVED

The system serves the following types of structures:

- 40% Structures constructed prior to 1950 and have a high probability of containing lead service lines and/or solder. These structures are primarily located along the village's two original streets, Main and Church. These structures mostly date to circa 1900.
- 35% Structures constructed between 1950 and 1980 and high a moderate probability of containing lead service lines and/or solder. These structures

- are primarily located in the residential section of the community with homes constructed in the 1950's-1960's.
- 7% Structures constructed between 1980 and 1997 and have a low probability of lead service lines and/or solder.
 - 18% Structures constructed after 1997 and are determined lead free. These structures include the Eastern Local Schools Campus and both multi-family housing projects.

The public system consists of all water lines and equipment up to and including the meter and the pit which contains it. The customer owns all facilities beyond the meter and assumes all responsibility therein.

Village Of Beaver Water Distribution System

2017 Lead Service Line Probability Map

- High (1840 – 1950)
- Moderate (1951 – 1980)
- Low (1981 – 1997)
- Lead Free
- Abandoned Property
- Commercial or Business
- Tier 1 Location



0 200 400 600

SCALE IN FEET

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Cartographer: D. Bruce Overly

