

Village of Archbold

Drinking Water Notice Additional Information

The Village has been under NOTICE for violating the maximum contaminant level (MCL) for TOTAL TRIHALOMETHANES (TTHM) for the past year.

There is no need to use an alternate water supply and there is no impact on food preparation or food safety.

Background: Archbold has two EPA-approved testing locations for TTHM. One is in Elmira and the other is in Pettisville. Water age is a major contributor to the formation of TTHMs; therefore, locations within the Village of Archbold would test lower for TTHM compared to the required test locations. Archbold has taken an aggressive stance to improve water quality, including, but not limited to assessing storage tank operations, study of excess storage capacity, frequency of distribution system flushing, extra scrutiny of changes in sources or source water quality, and treatment changes or problems that may contribute to the formation of TTHMs.

A project that was completed in March 2020— aeration and mixing of Archbold’s Million-Gallon Storage Tank (MGT)— is making a significant reduction in TTHMs. In-house test samples show a substantial reduction of TTHMs since the aeration and mixing was installed.

The Village completed a pilot study to determine the best material for removing precursors of TTHM. Final design to implement a Granular Activated Carbon (GAC) removal system is currently underway. A GAC removal system will be bid in 2020 and constructed in 2021. This project will reduce TTHMs throughout the water system below the standard level .080 mg/L. However, it will take at least another year before the Notice of Violation is removed. This is due to the EPA-approved test sites located at the furthest point of our water system, as well as an EPA required four-quarter averaging of test results.

The Village is also in the design phase for a new Elevated Storage Tank that will include aeration and mixing. The new tank will impact water quality throughout Archbold’s water system. This project is expected to be completed in 2022.

The efforts listed will reduce TTHMs to satisfy the Ohio EPA; however, the Village is committed to continuing efforts beyond EPA requirements to ensure that the very best quality water is delivered throughout our water system.