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# George Cox Water System

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December 20, 2022

**County:** Fresno

**Population:** 40

**Challenges:** Dibromo-3-Chloropropane MCL violation

**Consolidation date:** March 2022



*Source: DDW inspection*

George Cox Water System is located in Reedley, CA in Fresno County and serves a population of 40 people, previously through a single ground well. The well was drilled in 1960 and was nearing its useful life. The well failed to provide sufficient water supply to meet the maximum day demands of community resulting in system pressure deficits. Additionally, George Cox Water System was issued Compliance Order 03\_23\_16R\_004 for exceeding the 1,2, Dibromo-3-Chloropropane (DBCP) maximum contaminant level in 2016.

The long-term solution was consolidation with the City of Reedley through a water purchase agreement. Self-Help Enterprises (SHE) was assigned as a technical assistance provider in 2016 to complete planning work under the technical assistance contract. The construction

application was submitted in January 2018, and included a technical memo, dated December 2017. Although changes in funding source caused a project delay, the project funding approval was received on January 25, 2021, for \$397,180.

The construction project included a 4-inch diameter water service intertie with backflow preventer and a master meter that connects the George Cox Water System to the City's existing 10-inch diameter water main. Once connected to the City, the well on the George Cox Water System was physically disconnected. An agreement between the City and George Cox Water System for the extension of potable water service was signed December 12, 2017. As of March 2, 2022, the George Cox Water System has been receiving drinking water from the City through a master meter connection.