



Blue Knob Waterline Extension Project

Clay County, West Virginia

Client: Clay Municipal Water Works

Contact: Joe Coleman, Utility Supervisor (304) 587-4233

Key Personnel:

Eric Coberly, PE (PM)
 Randall Lewis (FM)
 Joey Jude
 Todd Garnes
 Sharon Meadows

Project Cost:

\$2.32 Million Construction
 \$2.32 Million Design

Year Completed:

April 2019 Construction
 February 2018 Design

E.L. Robinson's Role

Prime Consultant
 Water Design
 Construction Inspection

The Blue Knob Waterline Extension Project was necessary to provide quality and dependable potable water and fire protection service to approximately 51 residences in the Henry Magisterial District of Clay County, West Virginia. This project tied-in to the existing system near the intersection of State Route 4 and County Route 26 and served residents along County Routes 26, 26/1, 18, and 18/1. The majority of the areas' residents utilized wells, springs, and cisterns as their source for drinking water and had no public sewage system and used on-site sewage disposal systems such as septic tanks. Poorly constructed or malfunctioning on-site sewage disposal systems risked contaminating the groundwater the residents used as their primary source for drinking water.

The Blue Knob Waterline Extension Project included the construction of approximately 17,365 linear feet of 8-inch, 3,985 linear feet of 6-inch, 2,700 linear feet of 2-inch, and 2,480 linear feet of 3/4 inch diameter water line. Additionally, one water storage tank and one booster pump station were also necessary to complete this project.