

The Minden Water System serves approximately 5,519 customers from the City of Minden population of 13,082 (according to the 2010 census data). All of the wells in the system pump water from the Sparta Aquifer. The Distribution system utilizes cast iron, ductile iron, PVC, and HDPE for the mains and copper, galvanized pipe, PVC, and HDPE for the services. We are not aware of any lead pipes or connectors in the system.

There are two additives contained in the water. First we add Chlorine, to disinfect the water and ensure it is clean and safe to drink. Second, we add Sodium Hydroxide to raise the pH level of the water to protect the pipes in the system.

The Louisiana Department of Health and the Minden Water System conduct several tests on the water each month. First, the water plant computer continuously monitors the Chlorine and Sodium Hydroxide levels. The operators test the water entering the distribution system on an hourly basis to ensure the correct level of Chlorine is present. Then, once each day we test the water at the location farthest away from the water plant to ensure we maintain the correct level of Chlorine throughout the system. We also calibrate the water plant equipment each day of use (the main plant is calibrated every day because it is used continuously, the Clerk Street plant is only calibrated on days it is used). Each month we test 15 different locations throughout the system, first for the Chlorine level then the samples are taken to the Shreveport lab for further testing for contaminants. The Department of Health tests samples from 4 locations every quarter to check for disinfectant by-products (contaminates resulting from adding Chlorine to the water). The Department of Health also tests the water at the entry points (leaving the water plants) to ensure we are producing high quality and safe drinking water. ALTEC Environmental is a company that monitors the water to ensure our system is free of petroleum based contaminants. The Department of Health tests the water from each well periodically. Finally, every three years we test the water at specific locations for any possible lead or copper contamination. All of these tests are performed regularly and records are maintained to ensure safe, clean drinking water for the public. In addition, the annual water quality report (Consumer Confidence Report) is available for viewing on the city website (mindenusa.com).