



Case Study: Terre Du Lac Water

In the Terre Du Lac community the drinking water system was in a state of disrepair at the time of acquisition. The well sites had faced major deficiencies—outdated disinfection systems, corroded equipment, and exposed electrical wiring posed serious safety risks and left the system vulnerable to failure. One well had even been taken offline after testing revealed unsafe levels of radionuclides. Meanwhile, the community's elevated storage tanks, some dating back to the 1960s, were significantly deteriorated and missing key safety features.

Confluence Rivers initiated a full-scale rehabilitation of the system. Two well houses were demolished and rebuilt from the ground up, equipped with upgraded pumps and motors, new chlorination systems, modernized electrical infrastructure, and remote monitoring capabilities. Flow meters and chlorine analyzers were added to improve real-time oversight of water quality, and backup generators were installed to maintain service during power outages. Both elevated storage tanks were inspected, recoated, and brought up to current safety standards to extend their useful life.

Today, the Terre Du Lac drinking water system is significantly stronger, safer, and more reliable—ensuring that families in the community have consistent access to clean, safe water they can trust.

Before



After

