CASE STUDY - GLEN MEADOWS WATER SYSTEM

When Confluence Rivers acquired the Glen Meadows water system in December 2022, it brought a neighborhood-run utility under regulated, professional operation. For years, the fully built-out community on the edge of Troy had operated its own water system outside state utility regulation. Today the system serves 226 connections and approximately 650 residents. At acquisition, the neighborhood depended on a single 1,500-foot well and three pressure tanks, with limited storage capacity, no remote monitoring, and no backup power, leaving the community with little resilience if equipment failed.

Confluence Rivers moved quickly to make the system more reliable. Within the first year, crews installed a new 60-horsepower well pump and motor, along with 441 feet of new drop pipe and new check valves, restoring dependable production from the neighborhood's only water source. The well house was renovated with new floor drains and doors. Remote monitoring was added, allowing operators to track system performance around the clock, and a new flow meter was installed on the well, giving operators accurate production data. Most recently, a new air compressor was installed for the pressure tanks, helping maintain steady water pressure for residents.

Confluence Rivers has invested over $956,000 in the Glen Meadows water system through acquisition, system improvements, and ongoing operations. With new ground storage capacity and a permanent backup generator planned for the system, Glen Meadows is continuing to build reliability and resilience. Under certified operators and a dedicated compliance team, the neighborhood now has the professional oversight and investment needed to provide safe, reliable water service for years to come.

Facility at Acquisition



Well house interior before renovation



Original wellhead, showing corrosion and wear