



Before



After



Case Study: Greenleaves Water System

After years of neglect, the Greenleaves Water System had fallen into disrepair—plagued by corroded infrastructure, outdated equipment, and insufficient protections for operators and the surrounding community. Without remote monitoring capabilities, the system operated blind to real-time performance, relying on an aging emergency generator and surrounded by damaged fencing that left the site vulnerable to unauthorized access.

At acquisition, the condition of the system presented serious reliability and safety concerns. Deteriorating tanks and piping risked service disruptions, while the lack of modern monitoring tools limited the system's ability to proactively manage operations or detect potential issues. Degraded perimeter fencing and inadequate site security left the facility exposed to unauthorized access and vulnerable to further deterioration.

Magnolia Water moved quickly to stabilize and modernize the system. A new generator was installed to ensure dependable backup power, while a remote monitoring system was added to provide the visibility needed to manage performance in real time. Damaged fencing was repaired to secure the site, and critical infrastructure—including tanks and piping—was restored to ensure safe, reliable service.

With these essential improvements, Magnolia Water brought the Greenleaves system back to a standard of safety, functionality, and accountability. The upgrades reflect Magnolia's continued commitment to strengthening infrastructure, protecting public health, and ensuring that every customer receives the quality water service they deserve.