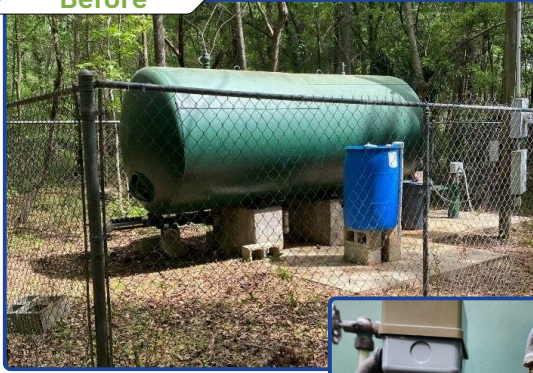


Before



After



Case Study: Sunlight Acres Subdivision

CSWR-Florida completed essential improvements to the Sunlight Acres Subdivision water treatment facility, addressing long-standing deficiencies to provide residents with safe, reliable water service.

When CSWR-Florida acquired the facility, it faced numerous challenges. The hydropneumatic tank was severely corroded, and the electrical panels were deteriorated and urgently needed replacement. The site had no fire extinguisher, floodlights, or proper chemical containment and disinfection equipment housing, leaving it vulnerable to equipment damage, safety risks and environmental violations. Additionally, the system lacked remote monitoring and an emergency generator, creating potential hazards and operational inefficiencies.

To address these issues, CSWR-Florida implemented a comprehensive series of upgrades. The corroded hydropneumatic tank was replaced with a new tank, ensuring long-term reliability. A continuous chlorine analyzer and remote monitoring system were installed, enabling real-time water quality, equipment monitoring and proactive management. Corroded electrical components were replaced to meet safety standards, and chemical containment systems were added to prevent accidental releases. A leaking blowoff valve was replaced, and a backup generator was installed to ensure uninterrupted service during power outages.

Additional enhancements included floodlights, an eyewash station, and an all-weather access road, improving site accessibility, security, and safety. The facility also underwent a tank inspection, transmitter upgrades, and infrastructure repairs to ensure long-term reliability and compliance with regulatory standards.

Thanks to these investments, the Sunlight Acres Subdivision water treatment facility now operates with enhanced safety, efficiency, and resilience, delivering the dependable water service that residents deserve.