



Before



Case Study: Oakcrest Villas

CSWR-Florida completed critical upgrades to the Oakcrest Villas water treatment facility, addressing significant safety and compliance issues to ensure reliable service for the community.

At acquisition, the facility faced several challenges: the hydropneumatic tank was severely corroded with a patched leak, no exterior coating, and no sight glass for level monitoring. Exposed wiring on the well pump violated Florida Administrative Code by leaving the casing vulnerable to contamination. The site also lacked proper chemical containment and had no protective building to house sensitive equipment like logbooks or chemical pumps.

Additionally, concerns included no floodlights for nighttime access, no emergency generator for backup power, and no remote monitoring system to track performance or alert staff to issues.

CSWR-Florida implemented a comprehensive plan to address these deficiencies. The corroded hydropneumatic tank was replaced, exposed well pump wiring was repaired, and a continuous chlorine analyzer with remote monitoring was installed for real-time water quality, equipment monitoring, and proactive management. Electrical systems were upgraded to meet safety codes, floodlights were added for improved security, and chemical containment systems were installed to prevent accidental releases, ensuring regulatory compliance.

These improvements have transformed the Oakcrest Villas facility into a safer, more efficient operation. The community can now depend on a water treatment system designed for safety, reliability, and sustainability.

After

