



Before



After



Case Study: State Park Village

At the time of acquisition, the State Park Village wastewater system was severely failing—evidenced by a two-mile sludge blanket extending through the receiving stream. The severity of the issue posed significant risks to both the community and the surrounding environment, underscoring the urgent need for a comprehensive overhaul.

To address these challenges, the facility underwent a series of targeted upgrades. Flow equalization was added to balance influent fluctuations, a screw screen was installed to prevent nuisance solids from entering the treatment basins, tankage was expanded to improve storage and treatment capacity, and an Integrated Fixed-Film Activated Sludge (IFAS) system was installed to dramatically improve treatment and nutrient removal delivering both suspended and attached growth treatment in a hybrid process, an innovative application for facilities of this size.

As a result of these enhancements, the plant's operations were transformed. What was once a failing and environmentally harmful system is now performing reliably and in compliance with regulatory standards. The upgraded system better protects local waterways and positions State Park Village for improved service and operational resilience.