

# ALGAEWHEEL WWTP INSTALLATION

## Lake View Estates, Florida



The Lake View Estates/Buckhead Ridge area has many residences on septic systems that are providing inadequate wastewater treatment and contributing to pollutant loads in the Lake Okeechobee watershed. The new Algaewheel plant will replace an old failing activated sludge plant and will serve existing residences, as well as conversion of homes on an adjacent street from septic to sewer. The Lake View project is designed to provide total nitrogen reduction, not currently required by the permit, and will serve as a model for treatment elsewhere in the State of Florida.

**Project Name:** Lake View Estates, New Sanitary Sewer System and WWTP

**Project Location:** Buckhead Ridge, Florida

**Project Type:** Septic to Sewer Conversion

**Flow:** Average Daily Flow: 13,500 GPD  
Peak Daily Flow: 27,000 GPD

**Effluent Targets:** 10 mg/l BOD, 8 mg/l TSS, 12mg/l TN

**Discharge:** Treated water is discharged to a subsurface disposal system

**Completion:** August 2022