

Lake Manatee Ultra Filtration Membrane



Last Updated: November 2024

PROJECT DETAILS

Project Numbers:

6050470, 6108871

[Capital Improvement Plan](#)

Project Managers:

Albert Rosenstein

PROJECT HIGHLIGHTS AND COMMUNITY BENEFITS

The Manatee County Utilities Department has been working to improve water service to its 320,000+ customers with new and improved water filters. Crews at the County's water treatment facility are completing work on an innovative new filter system as part of the Lake Manatee Ultrafiltration Upgrade Project. The project replaces the existing surface water media filters (installed in the 1960s and 70s) with new submerged ultrafiltration membranes. The membranes form a barrier to particles which prevent solids, algae and pathogens from continuing in the purification process. This filtration system will ensure that the County will be able to meet all current and future more stringent turbidity regulations. Additionally, water quality will be more consistent because of the fixed-pore sizes and the automated process of cleaning. The completion of this project—the largest submerged ultrafiltration retrofit project in the country—means that Manatee County will now have the largest ultrafiltration plant in the state of Florida. It also means that the County is poised to maintain service as the customer base continues to grow.

PROJECT SCHEDULE

Design Start:

January 1, 2006

Design End:

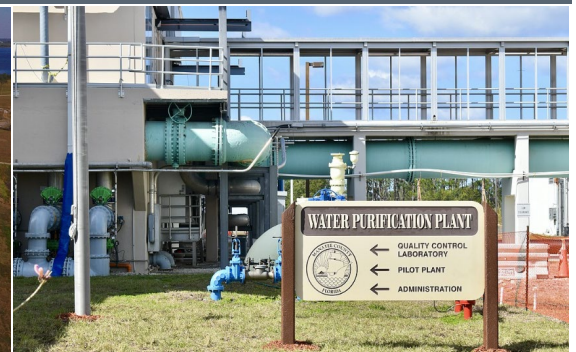
January 31, 2019

Construction Start:

February 1, 2019

Construction End:

June 30, 2025



FINANCIAL STATUS

Appropriated to Date \$69,053,440

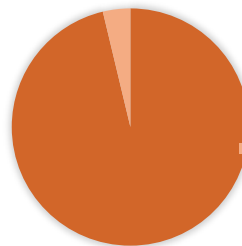
Future Appropriation \$0

Total Anticipated Costs \$69,053,440

Funds Used to Date \$66,473,193

Funds Remaining \$2,580,247

Funding Strategy General Revenue, Water FIFs, Debt



Funds Used to Date:
\$66,473,193
(96%)

Funds Remaining:
\$2,580,247
(4%)