

Project Overview

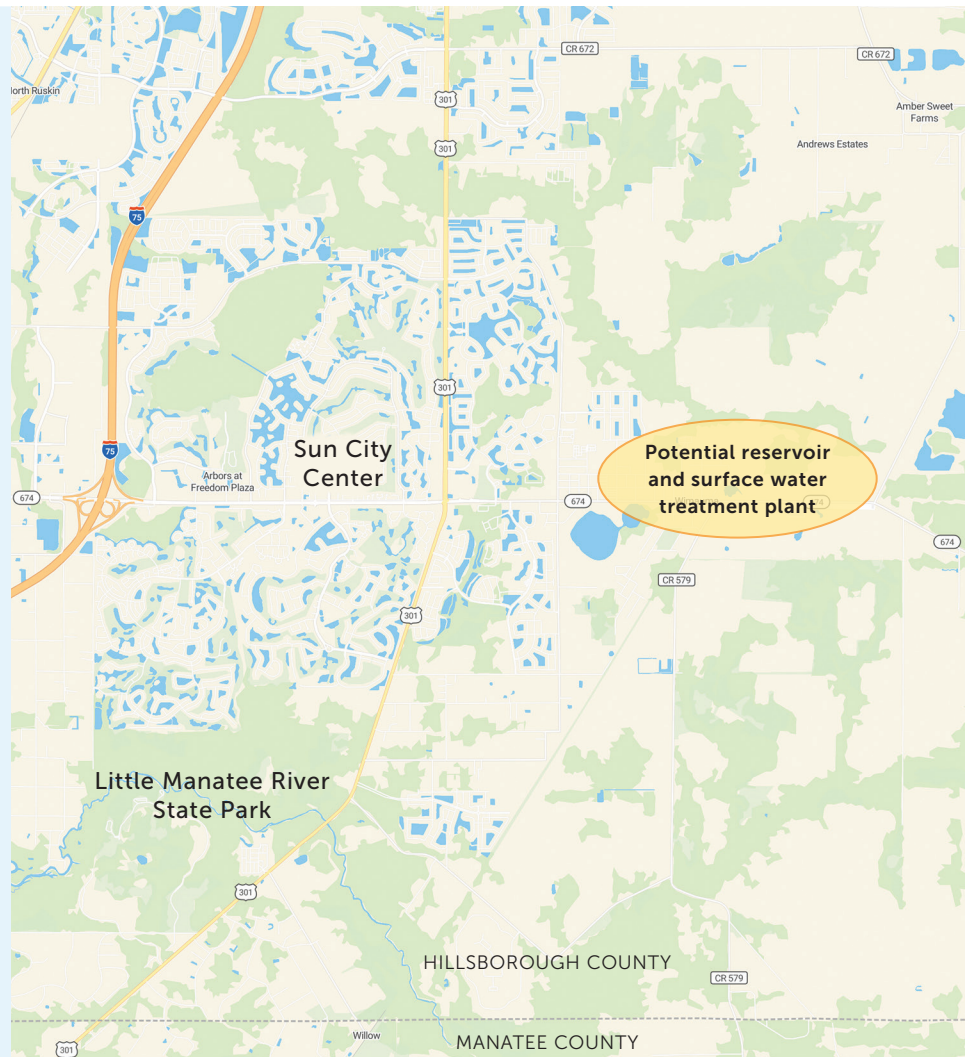
The Tampa Bay region will need 10-20 million gallons per day of additional drinking water by 2033, and this project is one of several being studied to meet that need.

This project is assessing whether water can be withdrawn from the Little Manatee River and/or Bullfrog Creek and other nearby sources in an environmentally sound manner, treated at a new surface water treatment plant and stored in a new reservoir. Scientists will analyze water quality and potential yield along with environmental considerations.

Since 2002, river water has been reliably and sustainably serving the Tampa Bay region. This project concept is modeled after Tampa Bay Water's Enhanced Surface Water System, where river water is withdrawn during wet times, treated at a surface water treatment plant and excess water is stored in a reservoir for treatment and use during dry times.

This project has an estimated annual yield of 4 million gallons per day (mgd). Yield estimates will be updated as part of the ongoing Feasibility Study

This project proposes building additional surface water supplies in fast-growing southern Hillsborough County. New pipelines would connect the supply sources to the surface water treatment plant and a new transmission main will connect to the new South Hillsborough Pipeline. Locations shown are for planning purposes only and subject to additional studies.



South Hillsborough Surface Water Treatment Plant & Reservoir Feasibility Study

Feasibility Studies

Feasibility studies are designed to determine if a proposed project is technically, environmentally and economically viable. Only those projects that are deemed feasible will be considered for future development. Studies for this project include:

- Characterizing water quality and availability, in relation to minimum flow levels and Wild and Scenic River designation
- Evaluating potential reservoir size and treatment plant capacity
- Identifying potential locations for reservoir and treatment plant
- Evaluating the benefits of a potential connection between the proposed new reservoir and the existing C.W. Bill Young Reservoir

Anticipated Regulatory Requirements

- Multiple federal and state permits
- Southwest Florida Water Management District Water Use Permit

Project Components (If Developed)

- Intake pump stations pipeline to deliver water from water sources to a proposed reservoir and/or treatment plant
- Reservoir for seasonal water storage
- Surface water treatment plant
- Storage tank for finished water
- Finished water pump station and transmission pipeline to deliver drinking water to the South Hillsborough Pipeline



Benefits

- **Reliability** – Surface water from rivers and lakes has been a reliable alternative since 2002; takes advantage of Florida’s summer rainy season. On average, the Tampa Bay region receives about 47-50 inches of rain each year.
- **Proximity** – The project is in an area where regional water demands continue to grow.
- **Co-funding** – This project may be eligible for Southwest Florida Water Management District co-funding.

Get in Touch

Tampa Bay Water provides wholesale water to the public utility systems of Hillsborough, Pasco and Pinellas counties, as well as the cities of New Port Richey, St. Petersburg and Tampa. Visit tampabaywater.org and futurewater.org to learn more about the region’s drinking water and options to meeting future needs.

TampaBayWater.org

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