

## Project Overview

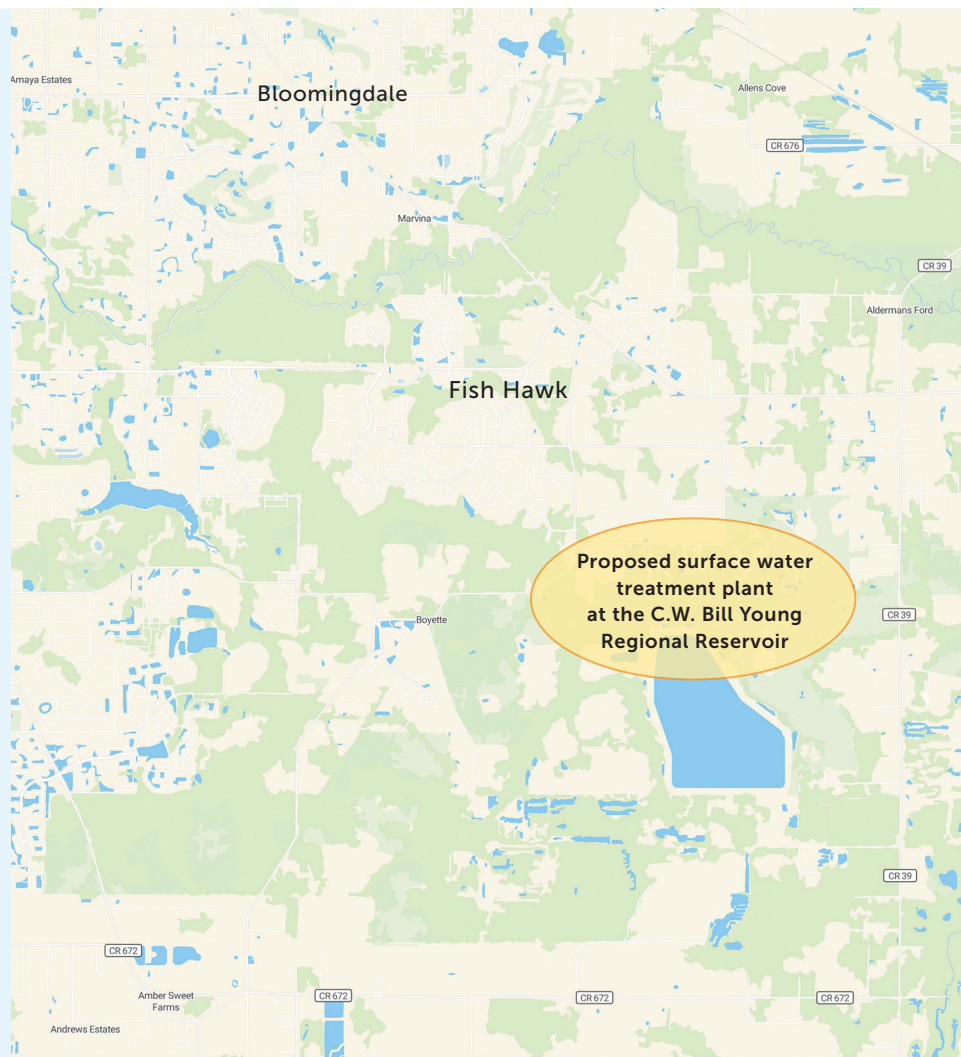
The Tampa Bay region will need 10-20 million gallons per day of additional drinking water by 2033, and this project is one of several being studied to meet that need.

Tampa Bay Water's existing surface water system has reliably and sustainably served the region since 2002. This project includes expanding that system by increasing withdrawals from the Alafia River and studying the feasibility of a second surface water treatment plant and reservoir in the vicinity of the C.W. Bill Young Regional Reservoir.

In July 2025, the Southwest Florida Water Management District approved increasing Tampa Bay Water's permitted withdrawals from the Alafia River from 10% to 19% of available flows, once the river is flowing above its minimum flow. Permitted withdrawals vary with available river flows to protect both low and high flow river conditions. No water is withdrawn below a designated low-flow amount and withdrawals are capped at 75 million gallons per day (mgd) to protect high flow conditions.

This proposed project has an estimated annual yield of 2.5-8.5 mgd. Yield estimates will be updated as part of the ongoing feasibility study.

This project is investigating a possible new surface water storage and treatment facility near Tampa Bay Water's existing reservoir.



# Enhanced Surface Water System Expansion 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, including determining minimum flow levels for the Alafia River's North Prong and South Prong basins
- Evaluating the viability of a potential new reservoir, its size, and capacity of a new water treatment plant
- Identifying potential locations for reservoir and treatment plant

## Anticipated Regulatory Requirements

- Multiple federal and state permits

## Project Components (If Developed)

- Upgraded pumps at the existing Alafia River intake pump station
- New surface water treatment plant
- Finished water storage tank
- 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.
- **Affordability** – The new water treatment plant would require no land acquisition costs as it would be located on Tampa Bay Water property.
- **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](http://tampabaywater.org) and [futurewater.org](http://futurewater.org) to learn more about the region's drinking water and options to meeting future needs.

[TampaBayWater.org](http://TampaBayWater.org)

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