



September 2021

## IMPROVING OUR WATERWAYS

### George English Lake Restoration Project Completed



*Photo of dredging during the George English Lake Restoration Project*

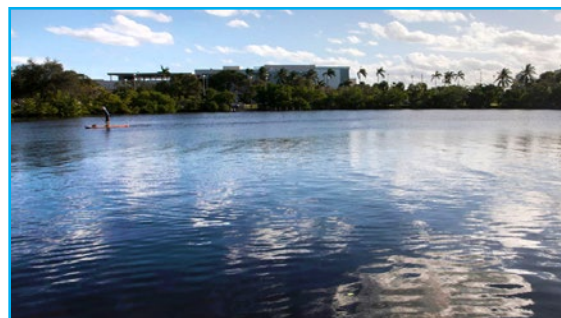


*Photo showing area where crews pumped the dredged sediment for processing*

The City is dedicated to ensuring that Fort Lauderdale waterways are clean and safe. Dredging is one of the actions that can be taken toward this commitment whereby sediment and debris are removed from the bottom of a waterway.

The City completed the dredging of George English Lake last month with support from Gator Dredging. As part of this project, crews removed the stormwater sediments and silts that were deposited in early 2020 during the sewer force main breaks at George English Park and completed a surface water enhancement project per the Florida Department of Environmental Protection's amended consent order. Using hydraulic dredging equipment, approximately 480 cubic yards of sediment were removed from this site.

All accessible soft sediments were removed within the project area from the bed of the lake, exposing lime rock as the remaining substrate. The dredged material was piped to a designated area and dewatered using geo-synthetic tubes (filtration bags). The water was then disinfected with an ultraviolet system before it was returned to the lake. In addition, the aeration systems that operate within the lake provided additional oxygen to the waterway throughout the operation. Water turbidity, a measure of water clarity, was monitored by Wood Environmental throughout the duration of the project and met all permit conditions as outlined by regulatory agencies.



*Photo showing standup paddleboarding in George English Lake*

The eastern boat ramp of George English Lake remained open while the project was underway to minimize disruption to this active waterway access point. Improvements to George English Park are ongoing as the boat ramps are being replaced. To learn more about this project, visit [ftlcity.info/gepimprovements](http://ftlcity.info/gepimprovements).

The City continues to work on surface water enhancement projects in other waterways. Permit applications were submitted to various agencies in early September for a dredging project in the Himmarshee Canal. The Tarpon River dredging project is also moving forward with contractor bids due at the end of September.