



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#21-0585

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: June 1, 2021

TITLE: Motion Approving Agreement between Clean Waterways, LLC and the City
of Fort Lauderdale for a Pilot Protein Skimming Program in the Himmarshee
Canal - \$350,000 - **(Commission District 4)**

Recommendation

Staff recommends the City Commission approve the Agreement, in substantially the same form as attached, between Clean Waterways, LLC (“Contractor”) and the City of Fort Lauderdale (“City”) for a pilot protein skimming program in the Himmarshee Canal.

Background

The primary function of the pilot program is to have Clean Waterways, LLC conduct a protein skimming initiative in the Himmarshee Canal. Protein skimming is a filtration process that removes organic compounds from water. The filtration process is commonly used in commercial applications such as municipal water treatment and waterway clean-ups. Commercial protein skimmers work by generating a large air/water interface, which is achieved by injecting large amounts of bubbles into the targeted water. The bubbles collect the proteins and other substances, and then carry the proteins in a foam consistency to the top of the device being utilized. The foam is subsequently collected and disposed.

The Contractor is a sole source supplier of the protein skimming service and will have up to two (2) weeks to prove operational compliance with the objective laid forth in the Agreement, at no-risk to the City. If the program demonstrates discernable water quality improvements within the first two (2) weeks, then the program may continue for an additional two (2) month period. The stationary protein skimmer barge will have a maximum capacity of 1,000 gallons per minute. The Contractor’s technical staff will be available to monitor, revise, and provide testing to ensure optimum performance. The Contractor will work in accordance with the Florida Department of Environmental Protection (FDEP) and all other federal, state, and local regulations.

Resource Impact

Funds for this Agreement in the amount of \$350,000 are available in the FY 2021 Budget in the account listed below:

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
470-PBS660511-3299	Stormwater	Services and Materials/ Other Services	\$1,789,098	\$1,032,755	\$350,000
TOTAL AMOUNT →					\$350,000

Strategic Connections

This is a (Top) 2021 Commission Priority, advancing the Water Quality initiative.

This item is a *Press Play Fort Lauderdale Strategic Plan 2024* initiative, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a Sustainable and Resilient Community.
- Objective: Proactively maintain our water, wastewater, stormwater, road, and bridge infrastructure

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*

Attachment

Exhibit 1 – Agreement

Prepared by: Angela Salmon, City Manager’s Office

Department Director: Chris Lagerbloom, ICMA-CM, City Manager