



Memorandum

Memorandum No: 22-109

Date: September 29, 2022

To: Honorable Mayor, Vice Mayor, and Commissioners

From: Greg Chavarria, City Manager *GC*

Re: Broward County Oyster Restoration Study

An update on the use of oysters to improve waterway quality was requested at the September 6, 2022, Commission Conference meeting. City staff are aware of a 2020 study of oyster deployment at an estimated 86 locations throughout the City (see attached map). The project was initiated by Coastal Conservation Association (CCA) Florida, a non-profit organization dedicated to the conservation of Florida's marine resources.

According to a short summary of the project on CCA's website, volunteers placed 100 Oyster Catcher™ patties and rope on almost 100 docks in the Ft. Lauderdale area. The patties were placed in the intertidal zone where the local oyster species would naturally been found. The summary notes that the study was intended to gather important data including salinity, temperature and oyster species to identify areas that may sustain healthy oyster growth but was "not designed to fix the current water quality issues" with the hope that ultimately adding natural filtration would help restore water quality. Tidal stage and select water quality parameters were recorded monthly.

As of the writing of this memo, no study report was available on their website and staff is not aware if the results of the study have been shared with the City.

Attachment

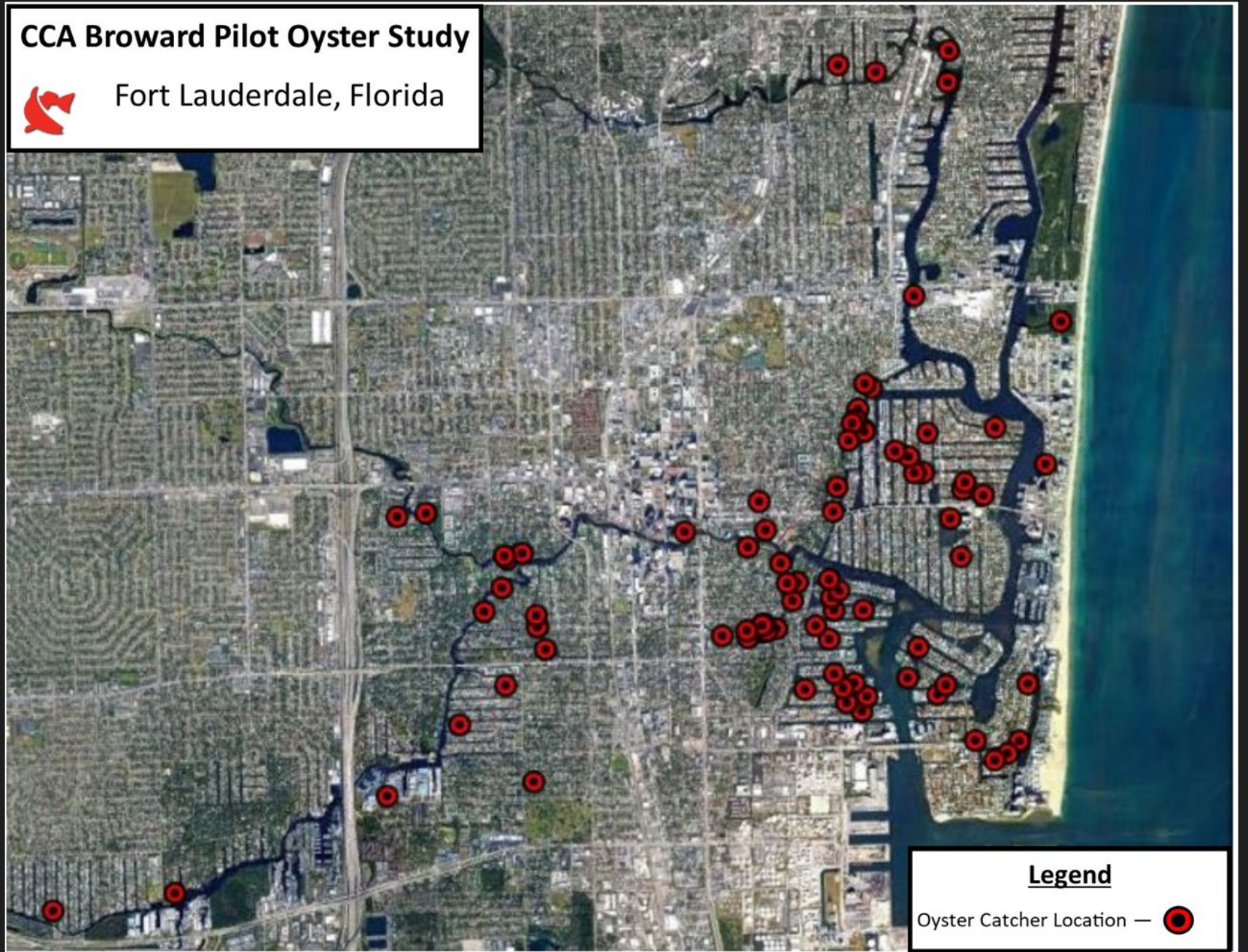
Map of Oyster Deployment

c: Anthony G. Fajardo, Assistant City Manager
Susan Grant, Assistant City Manager
Alain E. Boileau, City Attorney
David R. Soloman, City Clerk
Patrick Reilly, Interim City Auditor
Department Directors
CMO Managers

CCA Broward Pilot Oyster Study



Fort Lauderdale, Florida



Legend

Oyster Catcher Location — 