



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

#17-1457

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

FROM: Lee R. Feldman, ICMA-CM, City Manager

DATE: December 19, 2017

TITLE: Motion to Approve an Interlocal Agreement with Broward County for Water Quality Monitoring Associated with National Pollutant Discharge Elimination System (NPDES) Permit Compliance for \$232,903 (five year cost)

Recommendation

It is recommended that the City Commission approve an Interlocal Agreement with Broward County for the duration of the NPDES permit five year cycle. The County will perform water quality monitoring in the City's surface waters in compliance with the City's National Pollutant Discharge Elimination System (NPDES) under permit No.: FLS00017.

Background

The City of Fort Lauderdale holds an NPDES permit with the Florida Department of Environmental Protection (FDEP) for our municipal separate storm sewer system (MS4) under the Federal Clean Water Act. This permit contains requirements that the City must meet to minimize the amount of pollution that enters the waterways from stormwater. The permit requirements are rather extensive and require other services from many of the City's Departments and Divisions. Parks, Sanitation, Facilities, Engineering, Public Affairs, Department of Sustainable Development, Fire, and others all contribute to the annual reporting and compliance in support of the Clean Water Act and NPDES permit. One of the permit requirements is to institute a water quality-monitoring plan. These tests and analysis of the results are summarized into an annual report that is part of the Broward County water quality monitoring plan.

The County has two permanently deployed monitoring stations in Fort Lauderdale continuously providing water quality data for the City's waterways. The County also collects monthly samples for nutrients and bacteria tests. In addition, this Interlocal Agreement (Exhibit 1) includes City specific outfall evaluations and analysis that are now required under the City's new NPDES permit issued January 4, 2017.

FDEP has approved Broward County's water quality monitoring plan, which has data that will allow the City to improve the health of its waterways. Because Broward County has trained staff and the equipment necessary to complete the monitoring, and to be consistent with current sampling and data collection in the County, approving this Interlocal Agreement is the most cost effective way to comply with the water quality-monitoring requirement.

Staff recommends that the City Commission approve an Interlocal Agreement with Broward County for water quality monitoring for the duration of the NPDES permit five year cycle.

Resource Impact

There will be a fiscal impact to the City in the amount of \$44,309 in FY 2018. Future expenditures are contingent upon approval and appropriation of the annual budget and are estimated as follows:

Fiscal Year	Payment Dates:	Service Period	Amount
2017/2018	01/04/2018	January 4, 2017 – January 3, 2018	\$44,309
2018/2019	01/04/2019	January 4, 2018 – January 3, 2019	\$45,417
2019/2020	01/04/2020	January 4, 2019 – January 3, 2020	\$46,552
2020/2021	01/04/2021	January 4, 2020 – January 3, 2021	\$47,716
2021/2022	01/04/2022	January 4, 2021 – January 3, 2022	\$48,909
	Total		\$232,903

<i>Funds available as of November 17, 2017</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
470-PBS690603-3199	Stormwater Environmental Resources	Services/Materials/ Other Professional Services	\$70,760	\$70,760	\$44,309
TOTAL AMOUNT ►					\$44,309

Strategic Connections

This item is a *Press Play Fort Lauderdale Strategic Plan 2018* initiative, included within the Infrastructure Cylinder of Excellence, specifically advancing:

Goal 2: Be a sustainable and resilient community.

Objective 5: Improve air and water quality and our natural environment.

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

Attachment

Exhibit 1 – Interlocal Agreement

Prepared by: Larry Teich, Public Works

Department Director: Paul Berg, Public Works