

# EXECUTIVE BRIEF REGULAR MEETING

**AGENDA DATE:** August 17, 2021

**DEPARTMENT:** Water Utilities

**TITLE:**

Resolution No. 53-2021 - authorizing the submission of an application for funding assistance under the Lake Worth Lagoon Initiative

**SUMMARY:**

This resolution authorizes the submission of an application to Palm Beach County requesting \$250,000 in State of Florida Legislative Funding assistance under the Lake Worth Lagoon Initiative (LWLI) program. These funds will be used to install nutrient separating baffle boxes at both the Wellesley Drive and the 18<sup>th</sup> Avenue North outfalls. This resolution also designates the Mayor or a Commissioner to represent the City by attending and presenting support of this project at the LWLI Selection Committee Applicant presentations on August 19, 2021. Resolution 53-2021 supports the 2021 Lake Worth Lagoon Management Plan.

**BACKGROUND AND JUSTIFICATION:**

Resolution No. 53-2021 authorizes the submission of an application for \$250,000 in funding under the Lake Worth Lagoon Initiative program. The project being submitted includes improvements that will serve to improve the quality of stormwater that is discharged into the central segment of the Lake Worth Lagoon. This segment does not have the benefit of being flushed by inlets that are located on the northern and southern segments. The geographic area that this project will serve has been designated by the Florida Department of Environmental Protection as an Impaired Water Body for copper, Chlorophyll-a, and Total Phosphorus, meaning that the lagoon does not meet water quality standards established to protect public health, aquatic life and habitat, and recreational use for these constituents. The City is required to provide a 1:1 local cost share for these grant funds if awarded.

The Nutrient Separating Baffle Box (manufactured by Oldcastle Infrastructure) is a multistage, self-contained stormwater treatment system that will treat stormwater to significantly reduce the amount of debris, nutrients, hydrocarbons, metals and solids from residential, commercial and industrial roadways from an area of greater than one hundred acres that would otherwise pollute the Lake Worth Lagoon. The installation of the baffle boxes will serve to proactively improve water quality at the source rather than reactively remediating the effects downstream.

The City is currently repairing the outfalls at Wellesley Drive and 18<sup>th</sup> Avenue North, and the associated seawalls and stormwater piping as a means to control chronic flooding of these neighborhoods and to promote resiliency to rising sea levels, king tides and severe weather events. The installation of the baffle boxes will ultimately provide important ecological and economic benefits to the surrounding community.

The Lake Worth Lagoon Initiative has received over \$22 million in funding appropriated by the Florida Legislature since 1998 for lagoon restoration. Each year, the steering committee accepts

project applicants and ranks them according to several factors and brings the list to the Legislature to request funding.

**MOTION:**

Move to approve/disapprove Resolution No. 53-2021 to authorize the submission of an application to Palm Beach County requesting \$250,000 in State of Florida Legislative Funding assistance under the Lake Worth Lagoon Initiative program for installation of nutrient separating baffle boxes at the Wellesley Drive and the 18<sup>th</sup> Avenue North outfalls and to designate the Mayor or a Commissioner to represent the City by attending and presenting support of this project at the LWLI Selection Committee Applicant Presentations.

**ATTACHMENT(S):**

Fiscal Impact Analysis  
Resolution 53-2021

**FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

<b>Fiscal Years</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
Capital Expenditures	0	500,000	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	250,000	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
<b>Net Fiscal Impact</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

Account Number	Account Description	Project Number	FY22 Budget	Current Balance	Budget Transfer	Agenda Expenditure	Balance
408-0000-207.91-80		TBD				250,000	
428-5090-538.63-15						500,000	