

# EXECUTIVE BRIEF REGULAR MEETING

**AGENDA DATE:** October 19, 2021

**DEPARTMENT:** Water Utilities

**TITLE:**

Resolution No. 73-2021 – authorizing the submission of a State Water-quality Assistance Grant Application for the Wellesley and 18<sup>th</sup> Avenue North Stormwater System Improvements Project

**SUMMARY:**

This resolution authorizes the submission of an application to Florida Department of Environmental Protection (FDEP) Division of Water Restoration Assistance to request State Water-quality Assistance Grant (SWAG) funding for the Wellesley Drive and 18<sup>th</sup> Avenue North Stormwater System Improvements Project in the amount of \$250,000.

**BACKGROUND AND JUSTIFICATION:**

Resolution No. 73-2021 authorizes the submission of an application for \$250,000 in funding under the FDEP Division of Water Restoration Assistance Nonpoint source SWAG 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 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.

**MOTION:**

Move to approve/disapprove Resolution No. 73-2021 to authorize the submission of a grant application to Florida Department of Environmental Protection for a State Water-quality

Assistance grant requesting \$250,000 in funding assistance for the Wellesley Drive and the 18<sup>th</sup> Avenue North Stormwater System Improvements

**ATTACHMENT(S):**

Fiscal Impact Analysis  
 Aerial View  
 Resolution 73-2021

**FISCAL IMPACT ANALYSIS**

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

<b>Fiscal Years</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Capital Expenditures	\$500,000	0	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	\$250,000	0	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
<b>Net Fiscal Impact</b>	<b>\$250,000</b>	<b>0</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	Storm Grant Fund	N/A	\$0	\$0	\$0	\$250,000	\$250,000
428-5090-538.63-15	Storm Infrastructure	N/A	\$450,000	\$0	\$50,000 pending grant	\$500,000	\$0