

# STAFF REPORT UTILITY MEETING

**AGENDA DATE:** September 26, 2023

**DEPARTMENT:** Water Utilities

**TITLE:**

Fiscal Year 2024 Resilient Florida Grant Program Application for the 9<sup>th</sup> Avenue South Pump Station Project

**SUMMARY:**

The City has applied for \$150,000 in grant funding from the Fiscal Year 2024 Resilient Florida Program for the design and permitting required for the installation of a new pump station in the 9<sup>th</sup> Avenue South easement at South Palm Way. The project will serve to address the chronic flooding in the area by improving the stormwater collection system. A local cost share of \$150,000 will be required if the grant funding is approved.

**BACKGROUND AND JUSTIFICATION:**

At present, the South Palm Park Neighborhood is adversely affected by significant flooding resulting from stormwater that collects from heavy rainfall and surge of water from the king tides that overflow from the Lake Worth Lagoon into the surrounding residential neighborhood. The existing stormwater drainage system is largely ineffective as the existing outfall that empties into the Lake Worth Lagoon has exceeded its useful life and has been subsequently compromised to a severely deteriorated condition.

The project will serve to relieve the chronic flooding in the area by improving the stormwater collection system through the installation of a new stormwater pump station and outfall pipe and check valve. The stormwater pump station will serve to collect stormwater and discharge it a short distance away by pumping the water through the new outfall pipe into the Lake Worth Lagoon. The installation of the tidal check valve will assist in the prevention of flood water resulting from high tides and ongoing sea level rise from penetrating into the stormwater system and adversely impacting the service area.

The City is requesting \$150,000 in grant funding through the FY 2024 Resilient Florida program to procure the services of a qualified consultant for the design and permitting of the 9<sup>th</sup> Avenue South Pump Station project. The City will be required to provide a local cost share of \$150,000 if the grant funding is approved. The source of the local cost share will be the Stormwater Enterprise Fund.

According to the Stantec Financial Sustainability Analysis of the Stormwater Enterprise Fund, there are enough reserves in the fund balance to meet the requirements if Lake Worth Beach were to receive this grant opportunity.

**MOTION:**

Move to approve/disapprove submission of the City's application for \$150,000 in Fiscal Year 2024 Resilient Florida grant funding for the design and permitting of the 9<sup>th</sup> Avenue Pump Station project.

**ATTACHMENT(S):**

Fiscal Impact Analysis – N/A  
FY 2024 Resilient Florida Application