

WATERWAY QUALITY (WQ) IS A COMMISSION TOP PRIORITY

2020 Accomplishments

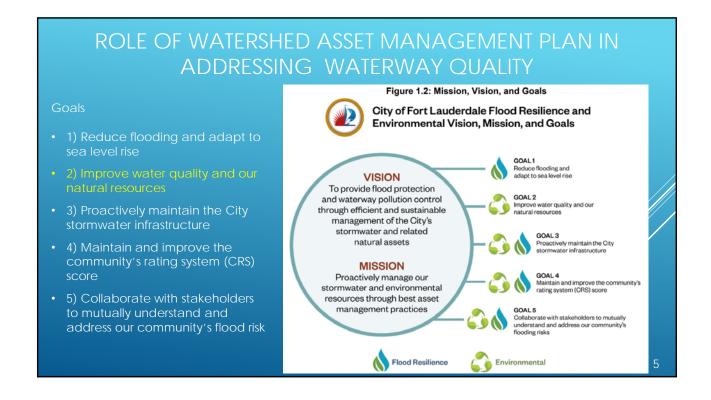
- Initiated recreational WQ monitoring
- Adopted a restriction on fertilizing during the rainy season
- Prevented 1,000 tons of debris from entering the waterway through catch basin cleaning and street sweeping
- Installed 57 pollution control devices
- Researched algal bloom mitigation

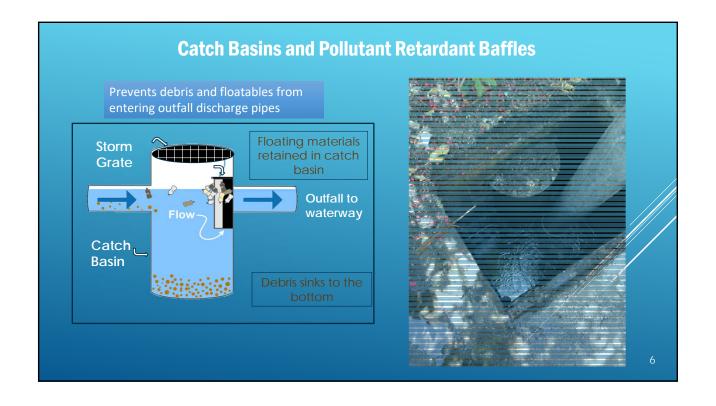


WATERWAY QUALITY IS A COMMISSION TOP PRIORITY

2021 Accomplishments

- Completed National Pollutant Discharge and Elimination System (NPDES) Implementation and Reporting (Non-Point Source Pollution)
- Performed weekly WQ monitoring at 10 sites
- Piloted protein skimmer technology
- Initiated remediation of water bodies impacted by 2019-2020 wastewater discharges
- Initiated installation of aerator at four (4) sites
- Initiated algal bloom prevention pilot







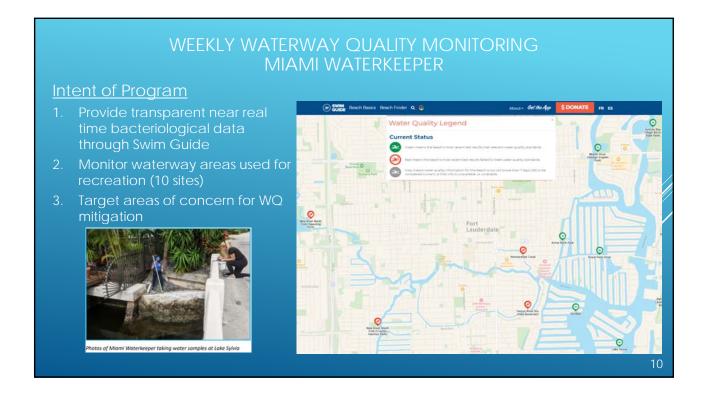
FY 2021 STORMWATER OPERATIONS POLLUTION PREVENTION ACTIVITIES

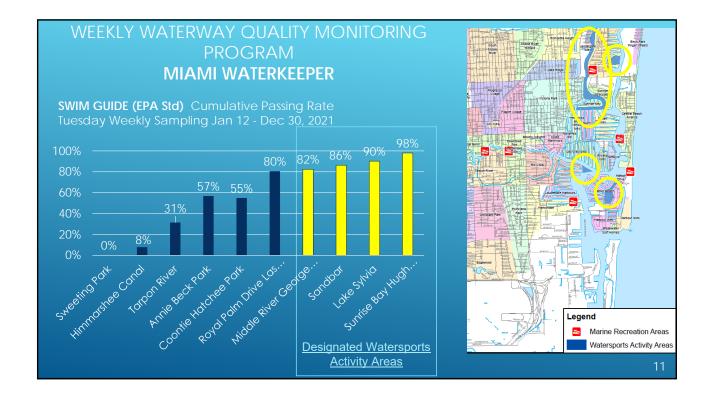
- Proactive maintenance of the stormwater system helps prevent pollutants from being discharged into waterways.
- ▶15,604 Proactive Inspections:
 - Generates repair work orders
 - ► Generates catch basin cleaning work orders
- ▶ 5,488 Catch basin cleaned and 22,782 miles of curbed streets swept:
 - ▶1,489 tons of debris captured
- ▶Four (4) Pollution control devices cleaned

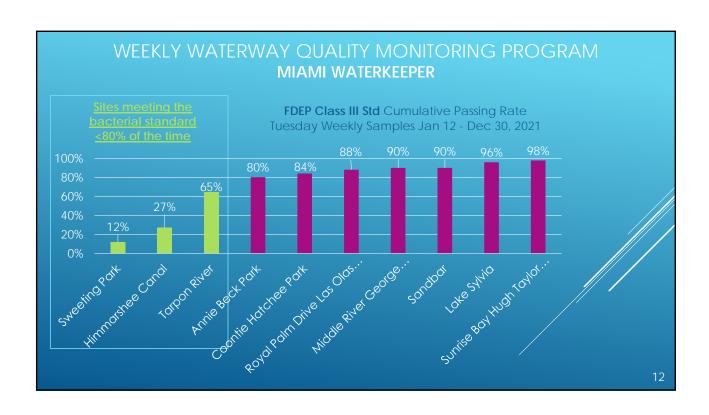
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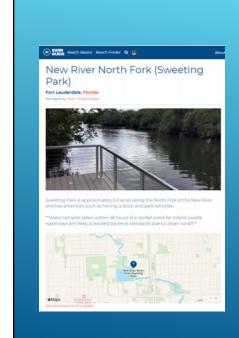
CANAL CLEANING The City has substantially increased its effort to remove debris from our waterways. Canal Cleaning Disposal Tonnage 116.89 68.6 6.13 15.41 20 Example of a Canal FY 18 FY19 FY20 FY21 Cleaning Vessel Track











ADDITIONAL ACTIVITIES TO IMPROVE WATERWAY QUALITY IN THE NORTH FORK BASIN

- ► Completed Initiatives
 - ▶ Reviewed all discharge points (Walk the WBID)
 - ► Submitted grant application to accelerate Durrs Stormwater Master Plan Improvements (SMP)
 - ▶Smoke-tested the A2 basin to look for sewer leaks

▶Planned

- ► Clean City-owned drainage pipes
- ► Affect stormwater repairs on NW 21st Street
- ►Initiate construction of Durrs SMP including WØ structures
- ►Install additional pollutant retardant baffles
- ► Assess opportunities for pro-active swale replacement

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A2

Tarpon River Interests with the New Pilver at two locations. SW Bith Ave and Ponce De Law Or Deve Tors and River Interests with the New Pilver at two locations. SW Bith Ave and Ponce De Law Or Deve. The Tarpon River Interests with the New Pilver at two locations. SW Bith Ave and Ponce De Law Or Deve. The Tarpon River Interests the neighborhoods of Tarpon River. Downtown Fort Lauderdaia, and River Valta. Along the way, at 5W Bith River. In the Tarpon Core Palls, which has arrentists such at falling up and water frontage. **Whote samples taken within 4B hours of a rainfull event for inland constal vasternough are likely to exceed bacterial standards due to urban runoft.**

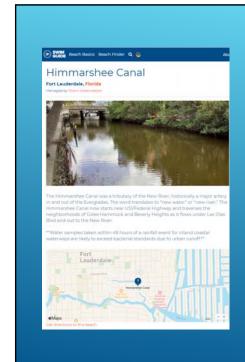
ADDITIONAL ACTIVITIES TO IMPROVE WATERWAY QUALITY IN THE TARPON RIVER BASIN

- ▶Completed Initiatives
 - ► Cleaned State and County drainage pipes with outfalls on the Tarpon River
 - ►Installed new stormwater infrastructure in Rio Vista
 - ▶Initiated WO monitoring in western Tarpon River
 - ► Submitted request for state funds for dredging entire Tarpon River

▶ Planned

- ► Clean City-owned drainage pipes
- ► Perform remediation dredging of eastern Tarpon River
- ►Install permanent aeration

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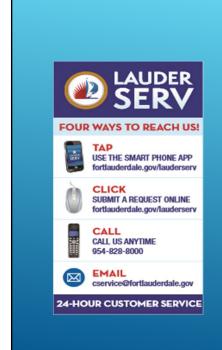
ADDITIONAL ACTIVITIES TO IMPROVE WATERWAY QUALITY IN THE HIMMARSHEE CANAL

- ► Completed Initiatives
 - ▶ Protein skimmer pilot project
 - ► Environmental Assessment and Permitting for remediation dredging

▶ <u>Planned</u>

- ▶ Clean City-owned stormwater system
- ▶ Perform remediation dredging
- ▶Install permanent aeration

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QUESTIONS

Neighbors can always report waterway quality concerns to the City's 24/7 Customer Service line at

954-828-8000

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