

Water Matters Month - District Overview

March 9, 2021

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Southwest Florida
Water Management District



Areas of Responsibility



Water Supply



Water Quality



Natural Systems



Flood Protection

MISSION

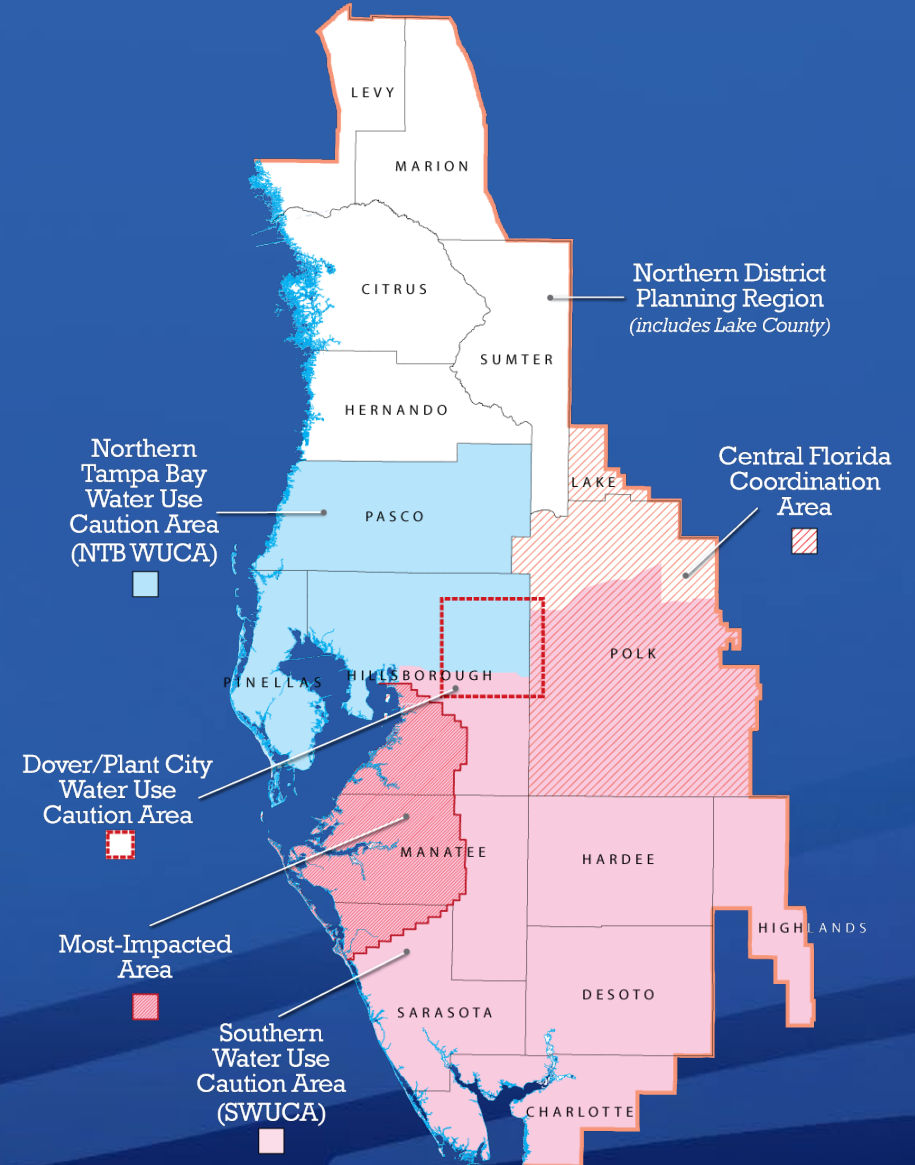
To Protect Water Resources

Minimize Flood Risks

Ensure the Public's Water Needs Are Met

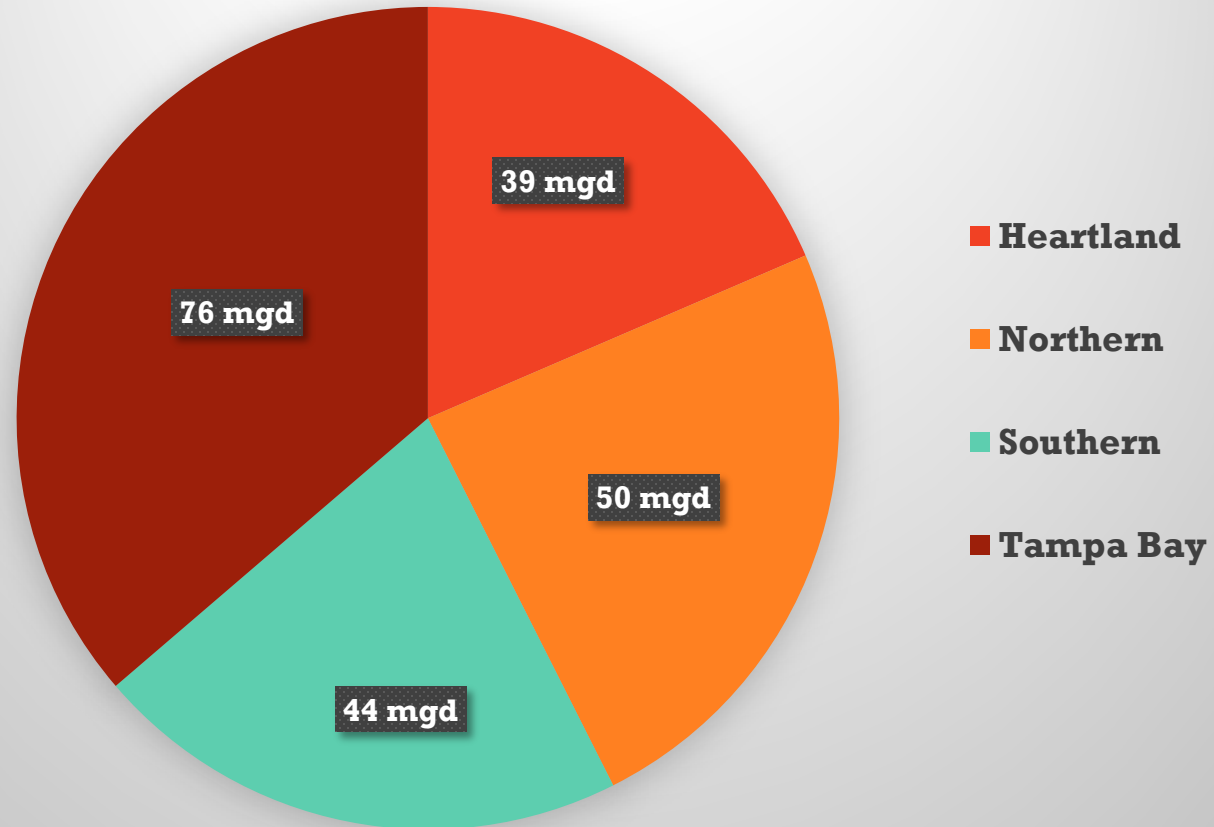
The District Today

- All or part of 16 counties
- 10,000 square miles
- Rich in water resources
- Population nearly 6 million
- FY2021 budget
 - \$183.5 million
 - 56% for projects
 - Millage = 0.2669



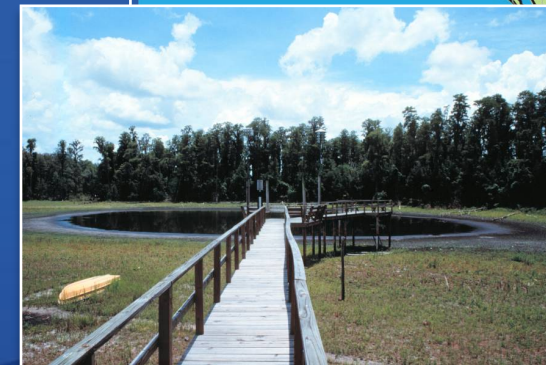
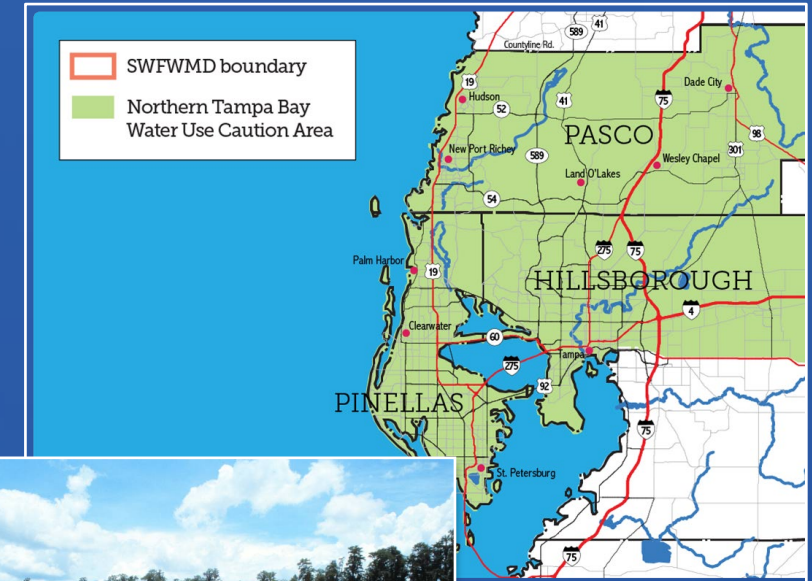
Demand Growth by Planning Region

Total Growth in Demand 2015-2040 = 210



Northern Tampa Bay Recovery Assessment

- Water Use Caution Area
- Partnership Agreement - \$183 M
- Pumping - 158 mgd to 90 mgd
- Consolidated WUP renewal
 - Application submitted Jan 2021
 - Board action mid-2021
- Recovery Strategy
 - Significant recovery
 - Board action March 2021



Strategic Plan

Water Supply

- Regional Water Supply Planning
- Alternative Water Supplies
- Reclaimed Water
- Conservation

Water Quality

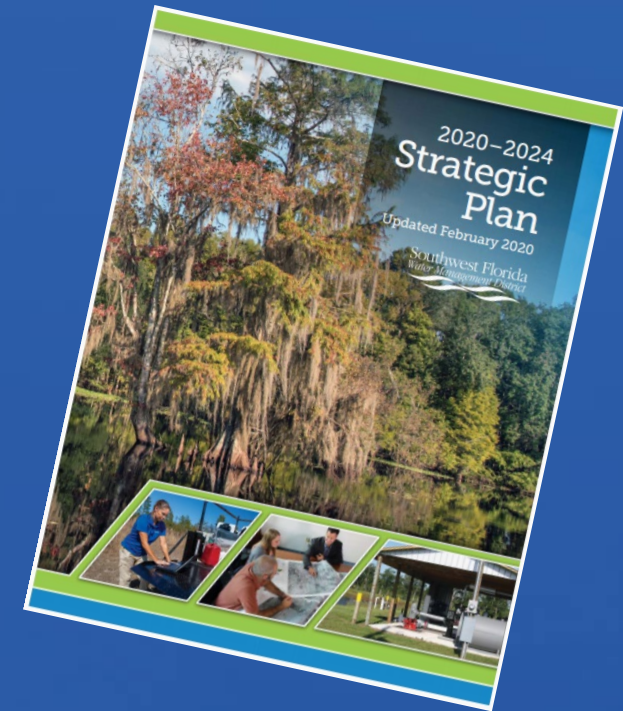
- Assessment and Planning
- Maintenance and Improvement

Natural Systems

- MFL Establishment/Recovery
- Conservation and Restoration

Flood Protection

- Floodplain Management
- Maintenance and Improvement
- Emergency Flood Response



Tampa Bay Regional Priorities

- Implement MFLs Recovery Strategies
- Improve Lake Thonotosassa, Tampa Bay, Lake Tarpon and Lake Seminole
- Improve Flood Protection

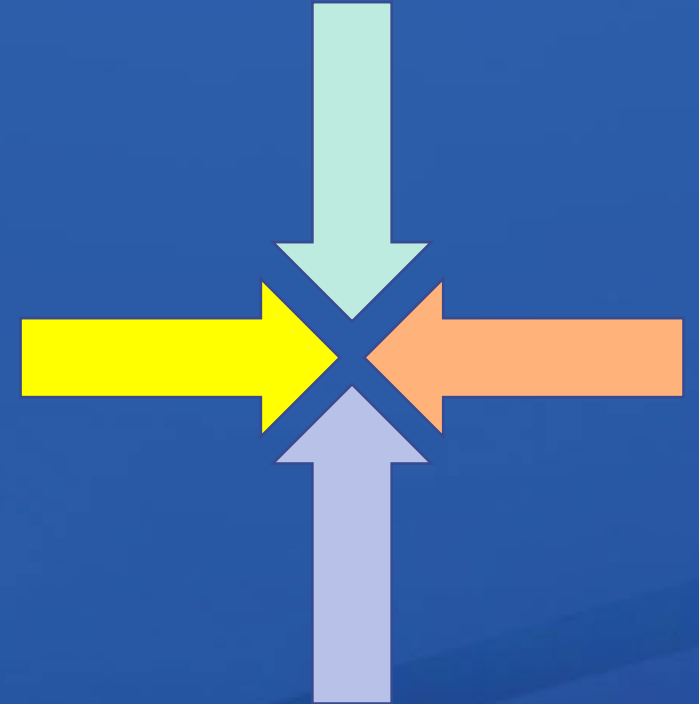
December 2019/2020 Workshop Results

- Prioritize large-scale water supply projects
 - Continue funding alternative water supply (AWS) through regional water supply authorities
- Assist PRWC to develop 30 mgd AWS
- **Assist Tampa Bay Water to develop 20 mgd AWS**
- Assist PRMRWSA to develop 21 mgd AWS
- Support potable reuse



Advantages of Regionalism

- Enhanced planning
- Cost-effective
- Equitable distribution of water
- Less litigation
- Stronger relationships
- Increased bargaining power



Future Large-Scale Projects

Project Name	Total Cost (Million \$)	District Cost (Million \$)	Yield (MGD)	Development Timeframe
Tampa Bay Water	\$509	\$254	20	FY2022-2037
Polk Regional Water Cooperative	\$479	\$240	20-30	FY2022-2040
Peace River Manasota Regional Water Supply Authority	\$455	\$228	19-21	FY2022-2040
Potable Reuse	\$100	\$50	TBD	FY2022-2041
Septic Conversion	\$480	\$120	NA	FY2022-2041

Tampa Bay Water

- Strategic Plan priority – 20 mgd
- Completed update to the Long-Term Master Water Plan in 2018
- Priority projects identified:
 - Construction of new regional feed line to serve south Hillsborough County
 - Expansion of TBW's enhanced surface water treatment facility
 - Expansion of seawater desalination facility
- TBW project selection by late 2022





**9-Year
Annual
Average
(FY13-FY21)**

Cooperative Funding

\$49.7M

- **Water Supply** **\$20.7M**
- Stormwater - Flood Protection \$12.9M
- Stormwater - Water Quality \$ 6.8M
- Watershed Management Plans \$ 2.9M
- Surface Water Restoration \$ 2.6M
- Other \$ 3.8M

District Projects

\$24.3M

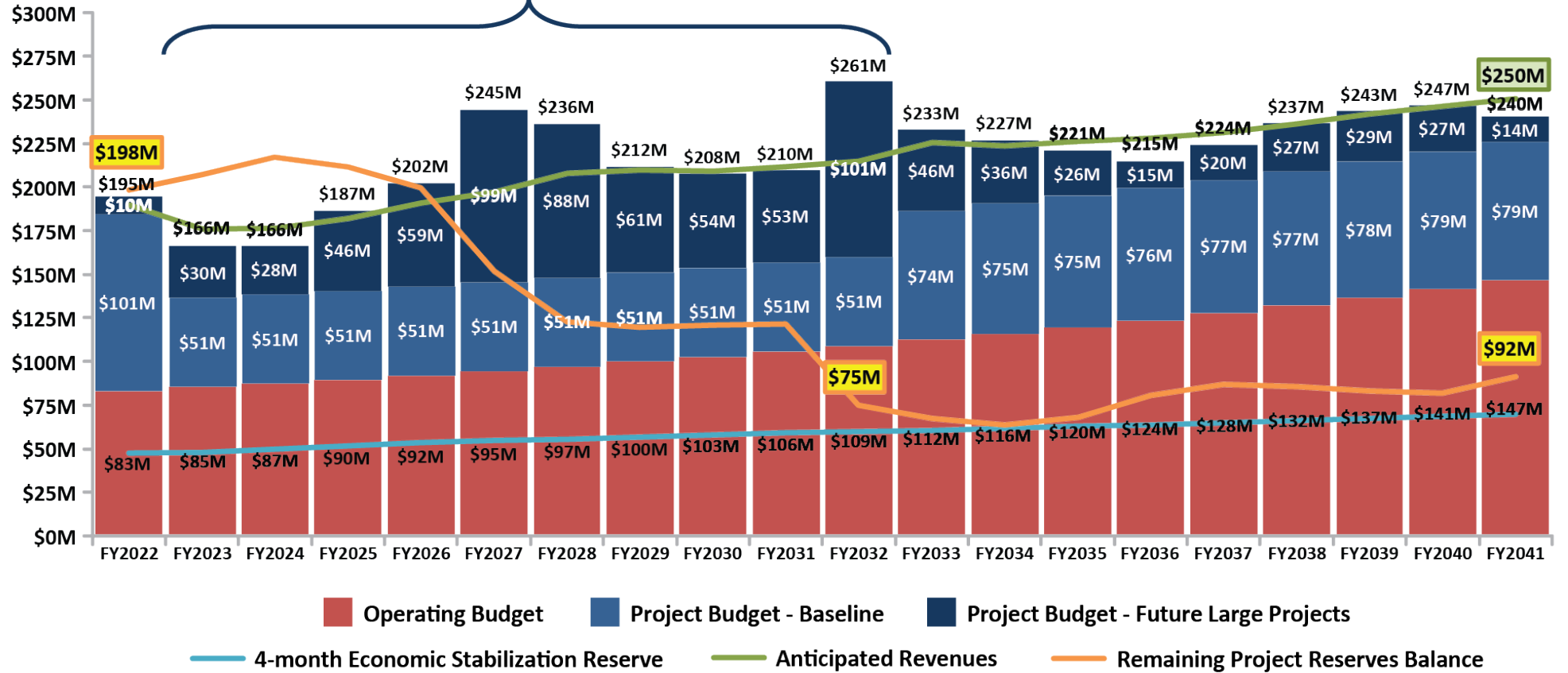
- FARMS Program \$ 6.2M
- Surface Water Restoration \$ 3.9M
- Data Collection (including Well Construction) \$ 2.8M
- Major Repairs & Capital Improvements (Facilities/Structures) \$ 2.3M
- Aquifer Storage & Recovery Feasibility and Pilot Testing \$ 1.7M
- Water Body Prot & Rstr Planning (e.g., Estuary Programs) \$ 0.8M
- Water Resource Education \$ 0.7M
- IFAS Research \$ 0.6M
- Other \$ 5.3M

Total Average Funding: \$74M

Long-Term Funding Plan

FY22 – FY41 as of December 7, 2020

Projected \$617M in Future Large-Scale Projects over 10-year period from FY23 through FY32



Questions?

