



Cedar Key Water & Sewer District  
April 24, 2023

Suzy Folsom, Executive Director

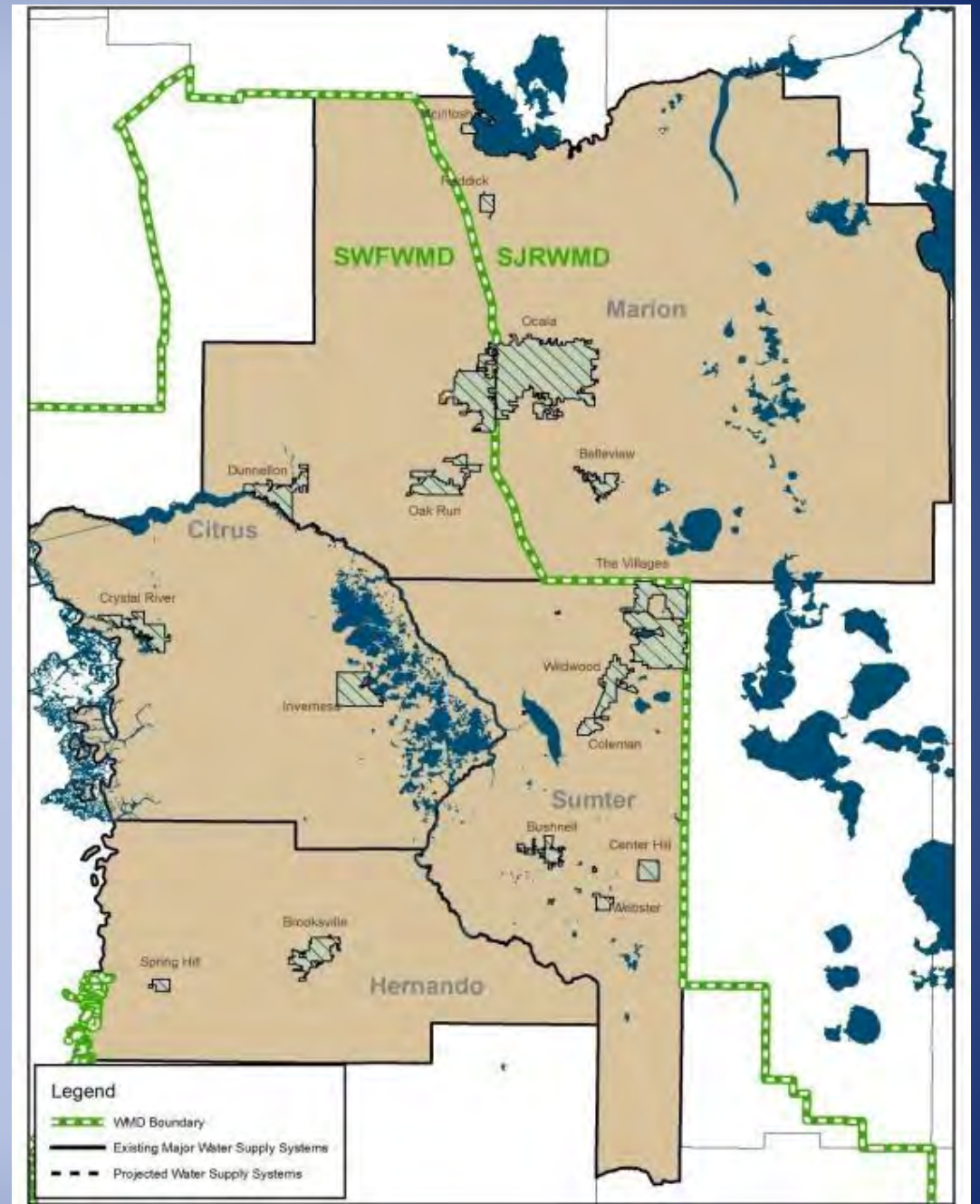
# WRWSA Formation

- Created in 1977
- Authorized by Chapter 373.713, F.S

373.713(1) . . . regional water supply authorities may be created for the purpose of **developing, recovering, storing, and supplying water** for county or municipal purposes in such a manner as will give priority to **reducing adverse environmental effects of** excessive or improper **withdrawals** of water from concentrated areas.



Levy County withdrew in 1982



# 373.713, F.S., Powers

- Develop water supply
- Ad valorem taxes up to .5 mills
- Receive Water Management District Funding
- Issue revenue bonds
- Borrow money & incur debt
- Not engage in local distribution

# WRWSA Interlocal Agreement

- Chapter 163, F.S.
- 13 Member Board of Elected Officials

## Funding

- Water sales
- \$0.19 annual per capita assessment
- SWFWMD Co-funding

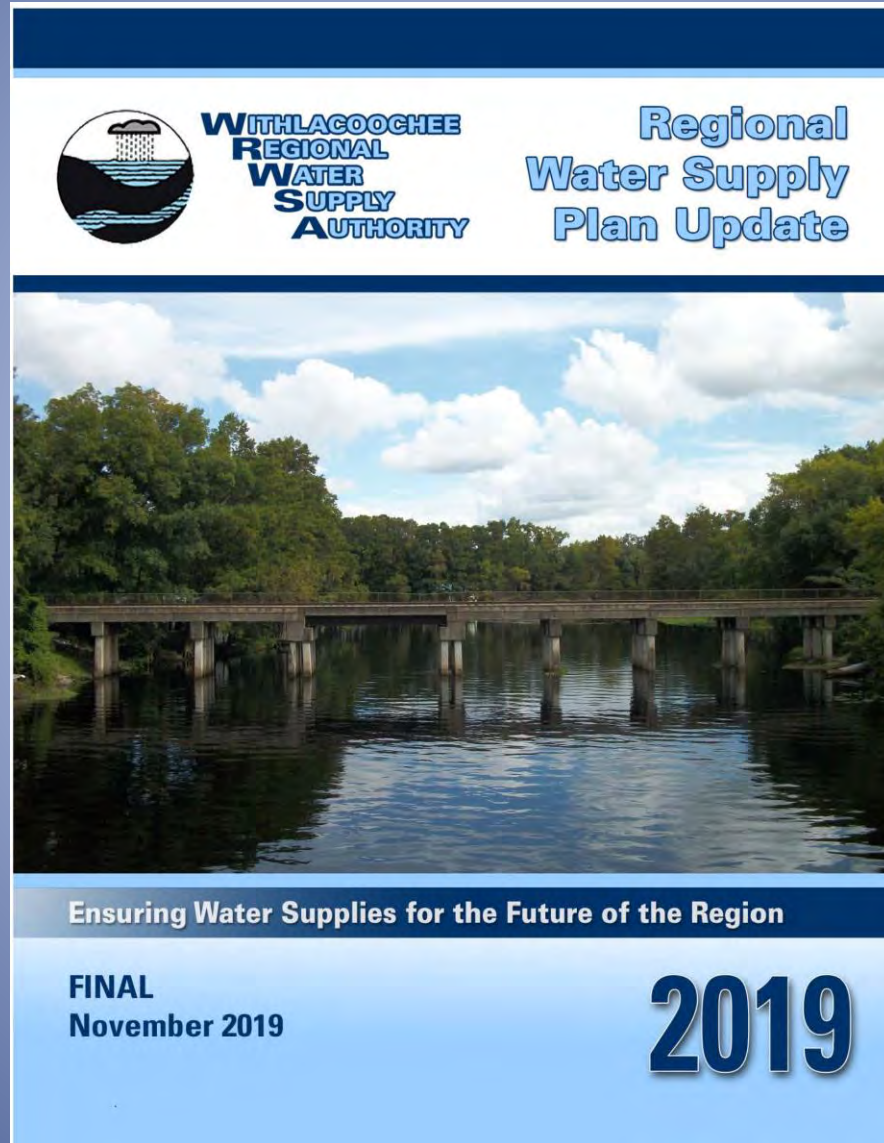
2022-2023 BOARD OFFICERS		
<b>Chair</b>  Kathy Bryant, Commissioner <u>Marion County</u> Elected Term of Office: November 2026 <a href="#">Send an Email</a>	<b>Vice-Chair</b>  Jeff Kinnard, Commissioner <u>Citrus County</u> Elected Term of Office: November 2024 <a href="#">Send an Email</a>	<b>Treasurer</b>  Eliza-BETH Narverud, Commissioner <u>Hernando County</u> Elected Term of Office: November 2024 <a href="#">Send an Email</a>

# Charles A. Black Wellfield

- Constructed in 1988-1992 - SWFWMD grant
- SWFWMD Permitted Capacity – 4.6 MGD Annual Average
  - In renewal process for 6.6 MGD
- FDEP Rated Capacity – 14.5 MGD
- Serves Citrus County Utilities



# 2019 Regional Water Supply Update



# Public Supply Demand Projections (2015-2040) (mgd)

County	2015 Water Demand	2040 Water Demand	Demand Increase	% Increase
Citrus	14.7	17.2	2.5	16.7%
Hernando	21.9	26.6	4.7	21.6%
Marion	28.6	35.3	6.8	23.8%
Sumter	26.1	37.8	11.7	45.0%
<b>TOTAL</b>	<b>91.2</b>	<b>116.9</b>	<b>25.7</b>	<b>28.2%</b>



# Water Source Evaluation

- Water Conservation
- Reclaimed Water Offset
- Additional Groundwater
  - Aquifer Recharge
  - Lower Floridan Aquifer
- Surface Water -Withlacoochee River
- Seawater Desalination
- Potable Reuse

# Prioritized Funding with SWFWMD

Criteria	Highest Points Possible	Scoring Criteria
Initial Application Quality	5	All Project Types
Project Benefits	25	Project Type Specific
Cost Effectiveness	25	Project Type Specific
Past Performance	5	All Project Types
Complementary Efforts	10	Project Type Specific
Project Readiness	10	All Project Types
Strategic Goals	25	All Project Types
<b>Total Score</b>	<b>105</b>	

**Strategic Goals** - Scored 25 points if project aligns with both a Strategic Initiative and a Regional Priority or for water quality projects consistent with the Executive Order 19-12. Scored 20 points if project aligns with multiple Strategic Initiatives. Scored 15 points if project aligns with a Strategic Initiative but not a Regional Priority. If project does not meet a Regional Priority or Strategic Initiative the project will not be recommended for funding.

# Prioritized Funding with SJRWMD

## **Alternative Water Supply and Water Conservation**

The Florida Legislature have annually approved funding for development of water supply and water resource development projects. Eligible projects for consideration are construction-ready and provide an alternative water supply benefit within the District. These projects must be submitted as part of the District's annual DWCS. All projects must be vetted by the District and approved by the District's Board prior to being sent to the DEP for funding consideration. The funding priority is for regional projects in the areas of greatest need and those that provide the greatest benefit towards the protection of Florida's natural systems. The water management districts, including the District, review requests for funding in a public and transparent process. Selected projects are generally co-funded by the District and DEP.

The District will consider the following factors in the selection of AWS projects:

- Projects that provide regional benefits, including water conservation and water resource development projects
- Projects that benefit water bodies with adopted MFLs, particularly those that are in recovery or prevention
- Projects that provide dual benefits to water supply and water quality
- Projects with complementary efforts, such as AWS projects that also provide flood protection, or recreational benefits
- Cost-effectiveness

# SRWMD Cost-Share RIVER program

## RIVER COST-SHARE EVALUATION FORM

Projects will be evaluated based on the following criteria and relative to all RIVER projects received in the current application period.

1. Project Description – 20 points possible
  - a. Clear and thorough 16-20 points
  - b. Good – 11-15 points
  - c. Adequate – 6-10 points
  - d. Not clear or thorough – 0-5 points
2. Project Readiness – 25 points possible
  - a. Maximum points will be received for shovel ready projects and those that address all elements in the project schedule 1- 25 points
3. Cost Effectiveness – 25 points possible
  - a. High – 17-25 points
  - b. Medium – 9-16 points
  - c. Low – 1-8 points
4. Regional Effectiveness - 20 points possible
  - a. High – 15-20 points
  - b. Average – 8-14 points
  - c. Minimal – 1-7 points
5. Included in a Planning Document 0-10 points possible
  - a. Supports a plan – 5 points
  - b. Listed in plan - 10 points
6. Past Performance – This will be scored based on past performance of the Applicants on projects awarded in the past 3 years. Applicants with no prior history will not receive a point deduction. A total of 20 points may be deducted for the following criteria:
  - a. Failure to adhere to budget or schedule without prior notice or authorization (- 10 points)
  - b. Failure to submit complete invoices and reports in a timely fashion (-5 points)
  - c. Failure to execute an agreement in a timely fashion (-5 points)
7. Ordinance:
  - a. If the Applicant is a local government, did they provide a copy of the adopted Water Shortage Ordinance? **This must be provided prior to contract execution.**

# Water Conservation Efforts- \$2.5 Million invested since 2000

## Residential Irrigation System Audits

- Hernando County
  - Citrus County
  - Marion County
  - The Villages
- 
- SWFWMD
  - SJRWMD

## Cooperative Grants for Water Conservation

- Hernando County
- Citrus County
- Marion County
- Sumter County



**WITHLACOOCHEE REGIONAL  
WATER SUPPLY AUTHORITY**

Thank You!