St. Johns River Water Management District

GOVERNING BOARD MEETING
AGENDA
November 12, 2025
Board Room
SJRWMD District Headquarters
4049 Reid Street
Palatka, FL 32177

NOTE: One or more Governing Board Members may attend and participate in the meeting by means of communications media technology.

The order of items appearing on the agenda is subject to change during the meeting.

Governing Board Meeting - 10:00 a.m.

1. **For Information:** Employee Awards.
2. **Consideration:** Approve Consent Agenda items.
3. **For Information:** The Hydrologic Conditions Report.
4. **For Information:** Construction progress update for the Black Creek Water Resource Development Project.
5. **Consideration:** Approve actions related to the Implementation Strategy to Recover the Lower Santa Fe and Itchetucknee Rivers and Priority Springs Minimum Flows and Levels.

   a. Approve the 2025 Implementation Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs (LSFIR) Minimum Flows and Levels (MFLs) (hereafter the 2025 Implementation Strategy); and

   b. Approve an Addendum to the 2014 Recovery Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs Minimum Flows and Levels (hereafter the First Addendum to the 2014 Recovery Strategy) to include the water supply development, water resource development, and water conservation projects identified in the 2025 Implementation Strategy; and

   c. Approve an Addendum to the 2023 North Florida Regional Water Supply Plan (hereafter the First Addendum to the 2023 NFRWSP), to include the water supply development, water resource development, and water conservation projects identified in the 2025 Implementation Strategy.

6. **Consideration:** Approve the ranking of the consultants responding to the Request for Qualifications 41325 for the Water First North Florida Treatment Wetland and Recharge Facility Site Investigation, Selection and Conceptual Design and authorize the Executive Director to take the following actions: (1) negotiate and execute a contract not-to-exceed $2,170,000 with the Jacobs Engineering Group Inc., the top ranked respondent; (2) negotiate and execute a revenue agreement for project funding with the Department of Environmental Protection and any amendment thereto; and (3) execute all related budget transfers necessary to complete the project.
7. **Consideration:** Approve the 2025 Central Florida Water Initiative (CFWI) Regional Water Supply Plan (RWSP) and associated appendices through the attached order.
8. **Consideration:** Election of Governing Board Officers for FY 2025-26
9. **For Information:** Public Comment.

Consent Agenda

10. **Consideration:** Approve minutes of the October 14, 2025 Governing Board Meeting.
11. **Consideration:** Approve the 2026 Governing Board Meeting Calendar.
12. **Consideration:** Approve the Treasurer’s Financial Report dated September 30, 2025.
13. **For Information:** Attached is the quarterly report of Executive Director-approved surplus of district assets with an original cost of less than $100,000 in accordance with District Policy 370, Capital Asset Accounting and Disposition.
14. **For Information:** Attached is the report from Public Trust Advisors LLC of the District's investment performance for the quarter ended September 30, 2025, in compliance with District Policy 320 and Chapter 218.415, Fla. Stat.
15. **Consideration:** Approve the 2025–2035 Management Plan update for T.M. Goodwin Waterfowl Management Area in Brevard County.
16. **Consideration:** Authorize the Executive Director to (1) negotiate and execute an amendment to District Contract 38557 with Heath Beimly Services, LLC for Standard and Levee Large Machine Mowing Services for the South Region, to extend the term by two years at the current rate per mowing cycle; and (2) execute all related budget transfers.
17. **Consideration:** Approve the award and authorize the Executive Director to negotiate and execute a cost-share contract with the eligible applicant as part of the Districtwide Agricultural Cost-share program totaling $250,000.00.
18. **For Information:** The FY 2024-25 Inspector General Annual Report.

Other Items and Reports

19. **For Information:** Pending litigation - significant events or significant status changes.
20. **For Information:** Governing Board comments.
21. **For Information:** Executive Director's Report and Calendar.

Adjourn

AGENDA REQUEST FOR
GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Robin Hudson, Director
Office of Human Resources

SUBJECT: Employee Awards

FOR INFORMATION
Employee Awards.

5-YEAR SERVICE AWARDS

Shailja Patel
Senior Systems Administrator
Office of Information Technology

20-YEAR SERVICE AWARDS

Phillip Benson
Technical Program Manager
Bureau of Water Resource Information

25-YEAR SERVICE AWARDS

Christina Ladd
Transportation Program Supervisor
Bureau of Transportation and Facilities

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

FROM: Michael A. Register, P.E.
Executive Director

SUBJECT: Consent Agenda Items

RECOMMENDATION
Approve Consent Agenda items.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Timothy Miller, Bureau Chief
Bureau of Water Resource Information

SUBJECT: Hydrologic Conditions Report

FOR INFORMATION
The Hydrologic Conditions Report.

AGENDA REQUEST FOR
GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO:	Governing Board
THROUGH:	Michael A. Register, P.E. Executive Director
FROM:	Dale Jenkins, P.G., Director Division of Infrastructure and Land Resources
SUBJECT:	Construction Progress Update for the Black Creek Water Resource Development Project

FOR INFORMATION
Construction progress update for the Black Creek Water Resource Development Project.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Clay Coarsey, Director
Division of Water Supply Planning and Assessment

SUBJECT: Lower Santa Fe and Ichetucknee River and Outstanding Florida Springs Implementation Strategy

RECOMMENDATION

Approve actions related to the Implementation Strategy to Recover the Lower Santa Fe and Itchetucknee Rivers and Priority Springs Minimum Flows and Levels.

a. Approve the 2025 Implementation Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs (LSFIR) Minimum Flows and Levels (MFLs) (hereafter the 2025 Implementation Strategy); and
b. Approve an Addendum to the 2014 Recovery Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs Minimum Flows and Levels (hereafter the First Addendum to the 2014 Recovery Strategy) to include the water supply development, water resource development, and water conservation projects identified in the 2025 Implementation Strategy; and
c. Approve an Addendum to the 2023 North Florida Regional Water Supply Plan (hereafter the First Addendum to the 2023 NFRWSP), to include the water supply development, water resource development, and water conservation projects identified in the 2025 Implementation Strategy.

BACKGROUND

In 2014, the Florida Department of Environmental Protection (DEP) published a Notice of Proposed Rule to establish minimum flows (MFLs) for the Lower Santa Fe and Ichetucknee Rivers and associated priority springs (collectively the LSFIR MFLs). DEP proposed the LSFIR MFLs because impacts to those MFLs were expected to occur from more than one water management district. Since some of the MFLs were not being met, DEP developed a recovery strategy under section 373.0421 of the Florida Statutes (F.S.) The strategy for recovering and maintaining the LSFIR MFLs included two components: a project component and a regulatory component. DEP proposed a rule for the regulatory component of the LSFIR recovery strategy. Subsequently, the St. Johns River Water Management District (District) and Suwannee River Water Management District (SRWMD) approved the project component of the LSFIR recovery strategy (hereafter the 2014 Recovery Strategy). In 2015, DEP's LSFIR MFLs and the regulatory component of the LSFIR recovery strategy became effective in Chapter 62-42, Florida Administrative Code (F.A.C.).

In 2016, the Florida Legislature passed Senate Bill 552 (SB 552), which defined and established additional requirements to protect "Outstanding Florida Springs" (OFS). Several of the springs comprising the LSFIR MFLs are OFS under SB 552. *See* section 373.802(5), F.S. As amended by SB 552, section 373.709(2)(k), F.S., requires that a regional water supply plan assess how projects identified in the plan support the recovery strategy for implementation of adopted MFLs (including MFLS for OFS), while ensuring that sufficient water will be available for all existing and future reasonable-beneficial uses and identified natural systems.

In 2017, the District and SRWMD jointly approved the first North Florida Regional Water Supply Plan (NFRWSP) in Northeast Florida. The NFRWSP area includes 14 counties in the District and SRWMD: Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Gilchrist, Hamilton, Nassau, Putnam, St. Johns, Suwannee, and Union. Under section 373.709, F.S., Districts must reevaluate their determinations concerning the need for a water supply plan at least every five years. Thus, in December 2023, an amended NFRWSP was approved by the District and SRWMD Governing Boards (the 2023 NFRWSP).

DISCUSSION

In July 2024, DEP published a Notice of Rule Development to begin rulemaking to amend the adopted LSFIR MFLs. Based on the best available information, two of the three recommended flows for compliance points on the rivers are not being achieved, which includes several OFS. When an MFL for an OFS is adopted or amended, a prevention or recovery strategy must be adopted concurrently if the springs are below, or are projected to fall below, the applicable MFLs within a 20-year planning horizon. See section 373.805(1), F.S. When an MFL prevention or recovery strategy is adopted, the District's regional water supply plan (under section 373.709) must be concurrently amended to include that MFL strategy. See section 373.0421(2), F.S.

Since some of the LSFIR MFLS are in recovery, a recovery strategy must be adopted concurrently. To accomplish this, DEP will adopt the regulatory part of the MFL recovery strategy, and the District and SRWMD will adopt the project component of the MFL recovery strategy (the 2025 Implementation Strategy). On October 15, 2025, DEP plans to publish a notice of proposed rule to complete the rulemaking to adopt amended LSFIR MFLs and a revised regulatory component of the recovery strategy.

Thus, staff recommend approval of the attached project component of the overall recovery strategy known as the 2025 Implementation Strategy. At the same time, staff recommend approval of the attached First Addendum to the 2023 NFRWSP to add the projects identified in the 2025 Implementation Strategy to the existing regional water supply plan for the area as required by statute, recognizing the District's authority for water supply planning extends to water supply planning regions within its boundaries as established in section 373.069, F.S.

Since DEP's MFL recovery strategy rules will have a regulatory impact exceeding one million dollars, those rules cannot become effective until after legislative ratification. In the interim, District staff also recommend approval of the attached First Addendum to the 2014 Recovery Strategy to add the regional projects identified in the 2025 Implementation Strategy to the existing recovery strategy. In this way, critical project implementation work can continue. The 2014 Recovery Strategy would remain in place until the permanent rule amendments become effective. At that point, the 2025 Implementation Strategy would become effective.

BEFORE THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

IN RE:

2025 IMPLEMENTATION STRATEGY
FOR THE LOWER SANTA FE
AND ICHETUCKNEE RIVERS
AND PRIORITY SPRINGS
_____/

ORDER NO. SJR 2025-____
SJRWMD F.O.R. No. 2025-___

ORDER APPROVING 2025 IMPLEMENTATION STRATEGY FOR THE LOWER SANTA FE AND ICHETUCKNEE RIVERS AND PRIORITY SPRINGS MINIMUM FLOWS AND LEVELS

THIS MATTER came before the Governing Board of the St. Johns River Water Management District ("District") on November 12, 2025. The Governing Board, having been fully advised of the matter, hereby approves the Order Approving 2025 Implementation Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs Minimum Flows and Levels with appendices (2025 Implementation Strategy), recognizing that the District's authority for water supply planning extends to water supply planning regions within the District's jurisdictional boundaries as established in section 373.069, F.S.

The 2025 Implementation Strategy is attached hereto:

DONE and ORDERED by the Governing Board of the St. Johns River Water Management District on November 12, 2025.

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: _____
Rob Bradley, Chair

(SEAL)

Attest:_____
J. Chris Peterson, Secretary

Filed November 12, 2025

_____
Courtney Waldron, District Clerk

2025 Implementation Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs

Suwannee River Water Management District
Live Oak, FL

St. Johns River Water Management District
Palatka, FL

November 12, 2025

Table of Contents

Table of Contents 1
Table of Figures and Tables 3
Introduction 4
Strategy Objective and Approach 7
Objective 7
Approach 7
Lower Santa Fe and Ichetucknee Rivers and Priority Springs Minimum Flows Status 8
Influence by Water Use Type 8
Projects that Achieve the Strategy Objective 10
North Florida Project Conceptualization Effort 11
Water First North Florida 12
Black Creek Water Resource Development Project 14
Agricultural Water Conservation 14
Florida Water Star Silver Plus 15
2023 North Florida Regional Water Supply Plan Projects 16
Regulatory Measures 16
Current Permitting Rules 16
New Rules 17
Implementation 17
Phased Implementation 18
Milestone 1 - Target Date 2030 18
Milestone 2 - Target Date 2035 19
Milestone 3 - Target Date 2040 20
Milestone 4 - Target Date 2045 21
Funding 22
Florida Springs and Aquifer Protection Act Requirements 22
District Funding 22
State Funding 24
Federal Funding 25
Project Implementation 26
LSFIR MFL Assessment 26
References 28

Project Appendix A 29
Project Appendix B 30

Table of Figures and Tables

Figure 1. Santa Fe and Ichetucknee Rivers and Priority Springs 5
Figure 2. North Florida Regional Water Supply Partnership area 6

Table 1. List of Priority Spring MFLs by Compliance Gage 6
Table 2. MFL Status Assessment Flow Comparison by River Gage (cfs) 8
Table 3. Percent of 14-18AVG withdrawal impacts by region and compliance gage for the entire modeled domain 9
Table 4. Percent of 14-18AVG withdrawal impacts by compliance gage for the Partnership area 9
Table 5. Percent of 14-18AVG withdrawal impacts by water use type and compliance gage for the SRWMD portion of the Partnership area 10
Table 6. Percent of 14-18AVG withdrawal impacts by water use type and compliance gage for the SJRWMD portion of the Partnership area 10
Table 7. Regional Strategy projects to achieve the LSFIR MFLs in 2045 11

Introduction

The strategy for recovering and maintaining the Lower Santa Fe and Ichetucknee Rivers and priority springs (LSFIR) minimum flows and minimum water levels (MFLs) includes two components: the project component and a regulatory component. *See*, Rule 62-42.100(2), Florida Administrative Code (F.A.C.). This document, the 2025 Implementation Strategy (Strategy) for the LSFIR MFLs, is the project component of the overall strategy, and its purpose is to identify projects and measures for recovering and maintaining river and spring flows in the Lower Santa Fe River Basin to meet the MFLs. This Strategy will become effective upon approval by the governing boards of the Suwannee River Water Management District (SRWMD) and the St. Johns River Water Management District (SJRWMD) (collectively, the Districts) and upon the effective date of Rule 62-42.300, F.A.C. In accordance with Subsection 373.042(5), Florida Statutes (F.S.), the Florida Department of Environmental Protection (DEP) is adopting the MFLs and regulatory component of the overall strategy to facilitate their application by both Districts without the need for further rulemaking.

The Florida Water Resources Act of 1972 requires the Districts or DEP to establish MFLs to prevent significant harm to waterbodies from withdrawals. According to Section 373.042, F.S., MFLs are defined as “the limit at which further withdrawals would be significantly harmful to the water resources or ecology of the area.” Once established, these MFLs guide water management and permit decisions to ensure sustainable water use. If the waterbody falls below or is projected to fall below within 20 years the adopted MFL, Subsection 373.0421(2), F.S., requires the development of a recovery or prevention strategy to recover the waterbody or prevent a waterbody from falling below the MFL. The strategy must include measures to either restore the flow or level to the MFL or prevent it from declining below the MFL, incorporating additional water supplies, conservation efforts, and efficiency measures to achieve the MFLs while meeting current and future demands.

In 2016, the Legislature passed the Springs and Aquifer Protection Act, which provided additional requirements (see details below) for recovery or prevention strategies for MFLs associated with Outstanding Florida Springs (OFS) (Section 373.805(4), F.S.). The LSFIR MFLs include five OFS on the Santa Fe River as well as the OFS Springs Group on the Ichetucknee River (Figure 1). Additionally, Subsections 373.0421(2) and 373.805(1), F.S., state that at the time of MFL adoption, a prevention or recovery strategy must be adopted concurrently if the springs are below, or are projected to fall below, an adopted MFL within a 20-year planning horizon.

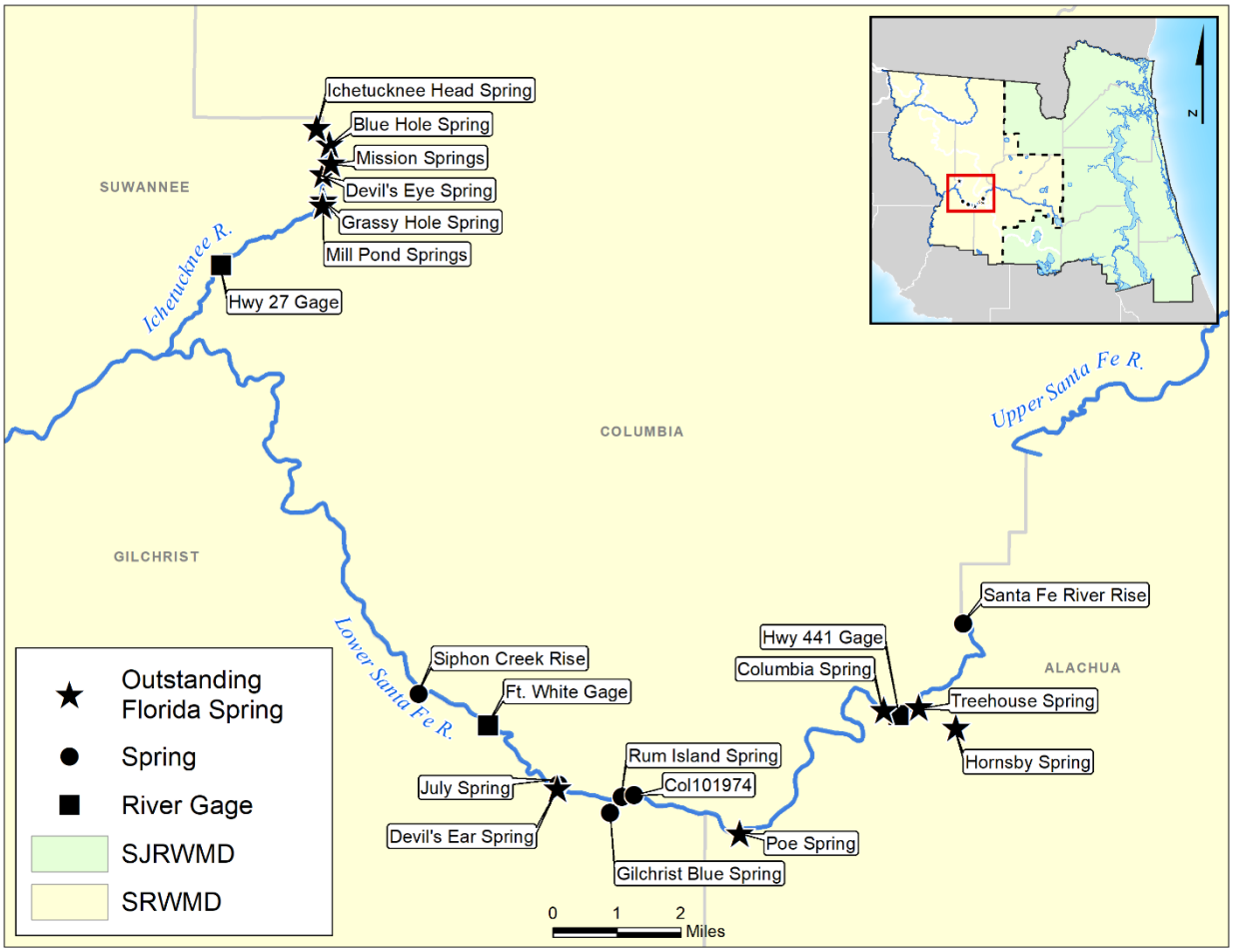

Figure 1. Santa Fe and Ichetucknee Rivers and Priority Springs

Groundwater withdrawals within the North Florida Regional Water Supply Partnership (Partnership) area contribute the majority of the pumping-related impacts to the LSFIR (Figure 2) (SJRWMD and SRWMD 2023). MFLs for the LSFIR were adopted and ratified in 2015 (Rule 62-42.300, F.A.C.). At that time, the LSFIR MFLs were determined to be in recovery, leading to the concurrent adoption of a Recovery Strategy (SRWMD 2014). This Strategy replaces the prior Recovery Strategy except for Section 6 of that document regarding Supplemental Regulatory Measures. Section 6 of the prior Recovery Strategy will be addressed separately in the regulatory component of the overall strategy which will be adopted by DEP.

The MFLs were re-evaluated for the LSFIR at three compliance points (two that had been initially adopted in 2014 and one new), based on the best available information and current and projected water use conditions. The three MFL compliance points, using U.S. Geological Survey (USGS) gaging stations, are the Lower Santa Fe River near Fort White (USGS 02322500), the Lower Santa Fe River at Hwy 441 near High Springs (USGS 02321975), and the Ichetucknee River at Hwy 27 near Hildreth (USGS 02322700). The 17 priority springs were evaluated at their corresponding river gages (Table 1 and Figure 1) (SRWMD 2021a, SRWMD 2021b, SRWMD 2022).

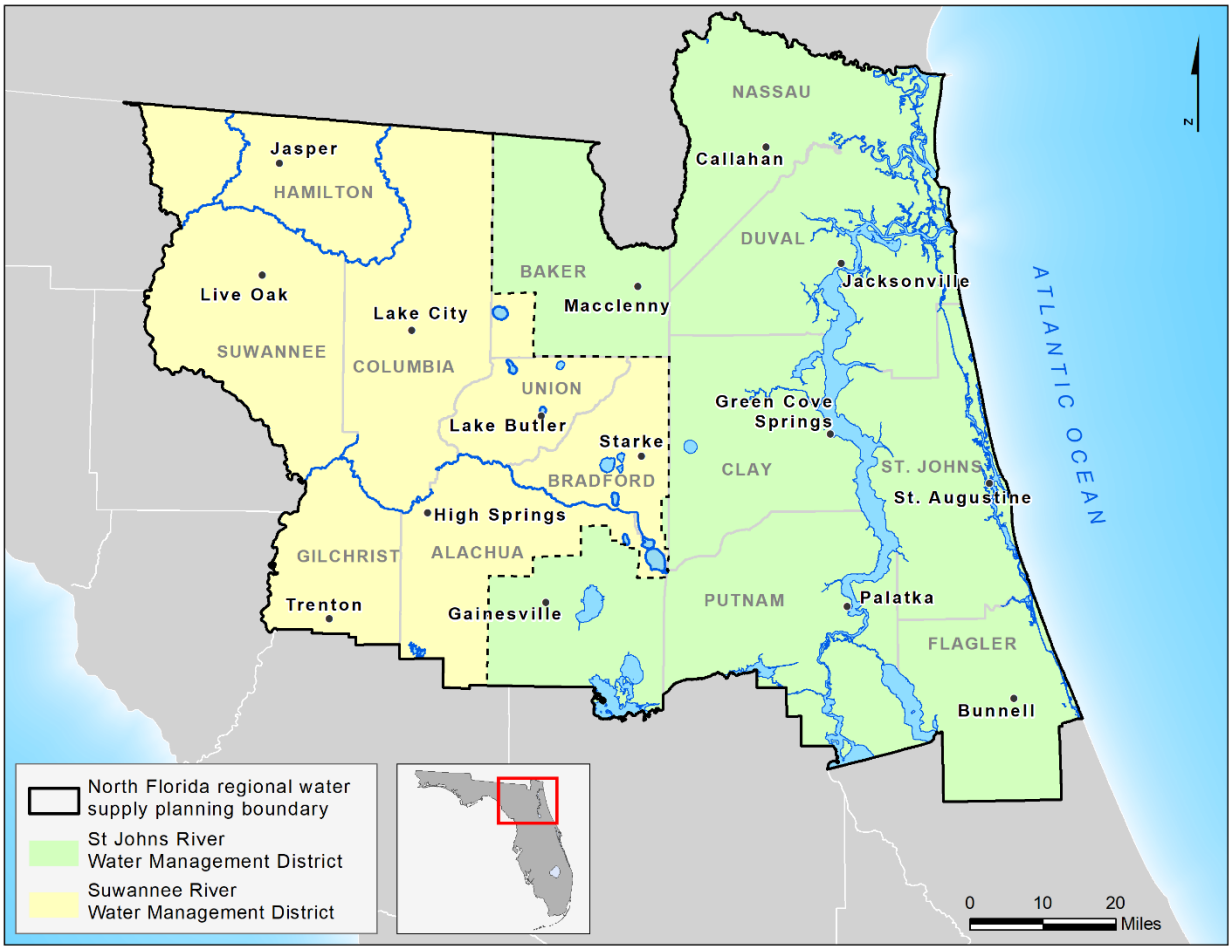

Figure 2. North Florida Regional Water Supply Partnership area

Table 1. List of Priority Spring MFLs by Compliance Gage

Compliance Gage	Priority Spring
Lower Santa Fe Fort White	Poe Springs (OFS)
Lower Santa Fe Fort White	COL101974
Lower Santa Fe Fort White	Rum Island Spring
Lower Santa Fe Fort White	Gilchrist Blue Spring
Lower Santa Fe Fort White	Devil's Ear Spring (OFS)
Lower Santa Fe Fort White	July Spring
Lower Santa Fe Fort White	Siphon Creek Rise
Lower Santa Fe Hwy 441	Santa Fe River Rise
Lower Santa Fe Hwy 441	Hornsby Spring (OFS)
Lower Santa Fe Hwy 441	Treehouse Spring (OFS)
Lower Santa Fe Hwy 441	Columbia Spring (OFS)
Ichetucknee Hwy 27	Ichetucknee Spring Group (OFS)

In accordance with Section 373.0421, F.S., this Strategy details a suite of water supply development (WSD), water resource development (WRD), and water conservation projects designed to achieve compliance with the LSFIR MFLs while ensuring adequate

water supplies for all current and projected reasonable beneficial uses. In addition, this Strategy includes the additional elements for an OFS prevention or recovery strategy required by Subsection 373.805(4), F.S., including:

- A listing of all specific projects identified for implementation of the plan;
- A priority listing of each project;
- The estimated cost and estimated date of completion for each project;
- The source and amount of financial assistance made available by the districts;
- An estimate of each project's benefit to the OFS;
- An implementation plan with a target to achieve the adopted MFLs no more than 20 years after the adoption of a recovery or prevention strategy;
- A schedule establishing 5-year, 10-year, and 15-year targets for achieving the adopted minimum flows or minimum water levels.

This Strategy focuses primarily on projects within the Partnership area where their benefits will be the greatest. The proposed projects listed within this Strategy provide assurance that the MFLs for the LSFIR will be achieved while meeting the projected 2045 water demand.

Strategy Objective and Approach

Objective

The objective of this Strategy is to ensure that the adopted MFLs will be met within 20 years after rule adoption. This objective can be achieved by establishing and maintaining groundwater withdrawals at or below the sustainable groundwater yield through WSD, WRD, and water conservation projects, or by mitigating the impact of groundwater withdrawals in the Partnership area through WRD projects.

Approach

The approach in this Strategy includes project implementation and periodic assessment of the progress toward the Strategy goals and accomplishments. This Strategy is intended to provide assurances that the LSFIR MFLs will be met in a way that leverages multiple opportunities for permittees and project partners to meet regulatory requirements. The basic approach includes the following:

- Identify projects that provide water resource benefits sufficient to achieve the MFLs (Projects that Achieve the Strategy Objective Section);
- Implement projects and measures in a phased approach (Phased Implementation Section);
- Identify and implement regulatory measures to achieve the MFLs (Regulatory Measures Section);

- Identify and obtain sufficient funding resources to facilitate strategy implementation (Funding Section);
- Track the implementation of projects and adjust the Strategy measures as necessary (Monitoring Progress Section).

Lower Santa Fe and Ichetucknee Rivers and Priority Springs Minimum Flows Status

Following the LSFIR MFL re-evaluation, a status assessment was made by evaluating the current and projected condition of a waterbody relative to the MFL from any aggregate change due to withdrawals. The current condition was evaluated using withdrawal data represented by 2014-2018 average water use (14-18AVG). The projected condition was evaluated using the 2045 projected withdrawals (SRWMD 2022). The results of the assessment show that the Lower Santa Fe Fort White gage meets its MFL criteria under both 14-18AVG and projected conditions, while the MFLs for the Lower Santa Fe Hwy 441 and Ichetucknee Hwy 27 gages are currently not being met (1.0 and 6.3 cubic feet per second (cfs) deficit, respectively) and are projected to face a deficit of 17.3 and 13.2 cfs by 2045, respectively (Table 2). This indicates the need for a revised Strategy. The priority springs along the Lower Santa Fe and the Ichetucknee Rivers are associated with the compliance gages in Table 1. The data used for the status assessment are based on the best available information and are consistent with the data used for the 2023 North Florida Regional Water Supply Plan (2023 NFRWSP) (SJRWMD and SRWMD 2023).

Table 2. MFL Status Assessment Flow Comparison by River Gage (cfs)

Condition	Lower Santa Fe Fort White	Lower Santa Fe Hwy 441	Ichetucknee Hwy 27
14-18AVG – 2014–2018 Net	29.7	-1.0	-6.3
Projected Conditions - 2045 Net	4.2	-17.3	-13.2
Status	Meeting	Recovery	Recovery

[1]RTF – Reference Timeframe

Section 373.0421, F.S., directs the assessment of a waterbody when an MFL is first developed or when it is revised. If the existing flow or water level in the waterbody is below or is projected to fall below the MFL within 20 years, the DEP or Governing Board "shall concurrently adopt or modify and implement a recovery or prevention strategy."

Influence by Water Use Type

When determining which projects to include in a strategy, it is important to determine the types of water use that have the largest impact on the water resource of concern--for LSFIR, the Floridan Aquifer System (fresh groundwater). Projects can then be developed that will result in the greatest benefit to the constrained water resource. An analysis was performed that evaluated the relative impacts to the LSFIR system from groundwater withdrawals by region and water use type.

Due to the large watershed and groundwater basins which contribute to the LSFIR system, the impacts are from both local and regional withdrawals. Results indicate that the majority of the cumulative estimated impacts attributable to water use withdrawals occur within the Partnership area, ranging from about 77% of the decline in flow at the Hwy 27 gage to 83% of the decline in flow at the Fort White gage. The impacts range from about 37% to 43% for SRWMD and 35% to 45% for SJRWMD (Table 4).

Table 3. Percent of 14-18AVG withdrawal impacts by region and compliance gage for the entire modeled domain

Region	Lower Santa Fe Fort White	Lower Santa Fe Hwy 441	Ichetucknee Hwy 27
SJRWMD	40%	46%	36%
SRWMD	44%	37%	42%
NWFWMD	<1%	<1%	<1%
SWFWMD	<1%	<1%	<1%
Out-of-State	15%	17%	22%

*Numbers may not add to 100% due to rounding

Combined 14-18AVG withdrawals from out of state contribute to approximately 15% of the decline in flow at the Fort White gage, 17% of the decline in flow at the Hwy 441 gage and 22% of the decline in flow at the Hwy 27 gage within the entire modeled domain (Table 3).

Table 4. Percent of 14-18AVG withdrawal impacts by compliance gage for the Partnership area

Region	Lower Santa Fe Fort White	Lower Santa Fe Hwy 441	Ichetucknee Hwy 27
SRWMD portion of the Partnership area	43%	37%	42%
SJRWMD portion of the Partnership area	39%	45%	35%
Total	83%	82%	77%

*Numbers may not add to 100% due to rounding

Although the cumulative impacts are similar between the two Districts, the primary water use categories contributing to impacts on the MFLs are different between the two Districts. Impacts due to public supply withdrawals represent up to 6% and 32% of the total impacts for the SRWMD and the SJRWMD portions of the Partnership area, respectively (Tables 5 and 6). The other large use category is agricultural water use; consumptive uses authorized by an individual permit and those authorized pursuant to a general permit by rule account for up to 26% and 2% of the impacts for the SRWMD and the SJRWMD portions of the Partnership area withdrawals, respectively. Combined impacts from the remaining use types (Commercial/Industrial/Institutional & Mining/Dewatering, Domestic Self-Supply, Landscape/Recreation, Power Generation, Other) account for up to approximately 12% of the impacts to the LSFIR system for both the SRWMD and the SJRWMD portions of the Partnership area withdrawals (Tables 5 and 6).

Table 5. Percent of 14-18AVG withdrawal impacts by water use type and compliance gage for the SRWMD portion of the Partnership area

Water Use Type	Lower Santa Fe Fort White	Lower Santa Fe Hwy 441	Ichetucknee Hwy 27
Public Supply	6%	6%	6%
Domestic Self-Supply	5%	4%	6%
Agricultural	26%	20%	24%
Commercial/Industrial/Institutional & Mining/Dewatering	3%	3%	4%
Landscape/Recreation	1%	1%	2%
Power Generation	2%	3%	1%
Total	43%	37%	42%

*Numbers may not add to 100% due to rounding

Table 6. Percent of 14-18AVG withdrawal impacts by water use type and compliance gage for the SJRWMD portion of the Partnership area

Water Use Type	Lower Santa Fe Fort White	Lower Santa Fe Hwy 441	Ichetucknee Hwy 27
Public Supply	28%	32%	23%
Domestic Self-Supply	4%	5%	4%
Agricultural	2%	2%	2%
Commercial/Industrial/Institutional & Mining/Dewatering	5%	6%	6%
Landscape/Recreation	<1%	<1%	<1%
Power Generation	1%	1%	1%
Other	<1%	<1%	<1%
Total	39%	45%	35%

*Numbers may not add to 100% due to rounding

Projects that Achieve the Strategy Objective

Recovering and ensuring the maintenance of the LSFIR MFLs will require the implementation of projects, in addition to the careful management of local and regional groundwater withdrawals. Projects include enhanced water conservation, aquifer recharge, and development of alternative water supplies (AWS), including the expansion of the beneficial use of reclaimed water. The benefits predicted from the suite of proposed projects provide assurance that the LSFIR MFLs will be achieved by 2045.

Potential regional projects evaluated for inclusion in the Strategy, along with their estimated benefits, are shown in Table 7. These projects are further described in the sections below. For more detailed information, see Appendix A. Moreover, there are additional local-scale projects that would benefit the LSFIR MFLs that could be implemented. The WSD, WRD, and water conservation projects listed in the 2023 NFRWSP were updated and are included in Appendix B, as well as any additional projects that have been identified or funded since the 2023 NFRWSP was approved. When constructed, these projects can provide ancillary benefit to the LSFIR MFLs by

reducing the impacts that would have occurred if projected demands were met exclusively by groundwater. The 2023 NFRWSP projects are further described in the section below.

Projects identified in the Strategy do not become permit conditions by virtue of their inclusion in an approved Strategy. The projects described in this Strategy, or alternative projects that the Districts concur will provide an equivalent benefit, may be developed and incorporated as conditions on water use or consumptive use permits (WUP or CUP) through the permitting process and shall be updated with each approval of the NFRWSP.

The projected benefits of the regional projects, WSD, WRD, and water conservation projects, together with the regulatory measures, identified in this Strategy are sufficient to address the MFL targets for the Lower Santa Fe River at Hwy 441 near High Springs (USGS 02321975) and the Ichetucknee River at Hwy 27 near Hildreth (USGS 02322700) which are currently not being met (1.0 and 6.3 cfs deficit, respectively) and are projected to have a deficit of 17.3 and 13.2 cfs by 2045, respectively.

Table 7. Regional Strategy projects to achieve the LSFIR MFLs in 2045

Project	Project No.	Estimated Volume (mgd)	Estimated Hwy 27 Flow Benefit (cfs)	Estimated Hwy 441 Flow Benefit (cfs)	Estimated Capital Cost ($M)	Priority[1]
Water First North Florida	2025_1	40	14	17	$1,100	A
Black Creek WRD Project	2017_21	8.0	0.1	0.5	$119	A
Agricultural Water Conservation	2760, 228, 458	8.0	0.6	1.2	$14	A
FWS Silver Plus Implementation[2]	2025_2	17	0.4	1.5	$0.97	B

[1] A= Project is being implemented or planned for implementation; B=Project will be considered in whole or part for implementation

[2] Average estimated administrative cost for implementing a Florida Water Star (FWS) Silver Plus program by utility condition-of-service or local government ordinance in the Partnership area can be up to $0.97 million. FWS Silver Plus will result in an overall savings of $1,171 per home construction costs when compared to traditional home construction costs.

North Florida Project Conceptualization Effort

As part of the development of this Strategy and following completion of the 2023 NFRWSP, it was determined that there was a need to evaluate the feasibility of regional projects to address all or a significant portion of the flow deficits in the LSFIR MFLs. Therefore, in 2024, a jointly funded cooperative study, with participation by SJRWMD, SRWMD, DEP, JEA, Clay County Utility Authority (CCUA), Gainesville Regional Utilities (GRU), and St. Johns County Utilities Department (SJCUD), was conducted to identify potential large-scale projects that could work in concert with conservation efforts and

other locally implemented projects to meet the LSFIR MFLs (CDM Smith 2025). Each participant shared equally in the cost of the study. The evaluation considered more than 800 alternatives of varying water sources and recharge methods. Water First North Florida, which is discussed in more detail below, was identified as a project of sufficient scale to mitigate the impacts to the LSFIR MFLs. Other regional project options considered include the following:

- North Fork Black Creek: Periodic surface water withdrawals of 5.2 million gallons per day (mgd) average from the North Fork of Black Creek would be used to beneficially recharge the aquifer ($210 million). More detailed hydrological analysis would be required to ensure source water availability. This project could be implemented, but the Water First North Florida project is expected to be more cost-effective and sufficient at this time.
- Lower Suwannee River: Periodic surface water withdrawals of 8.9 mgd average withdrawn downstream of the Branford gage would be used to beneficially recharge the aquifer ($340 million). More detailed analysis would be required to ensure compliance with Suwannee River MFLs and confirmation of no other adverse environmental impacts would be required. This project is currently not being considered for implementation.
- Desalination: Three desalination project alternatives were considered. Two conceptual desalination projects, one on the east coast and one on the west coast, would desalinate ocean water and pump it to strategic recharge areas in the region ($2.8 to $3.0 billion). Additionally, a conceptual Pumping Replacement project was considered that would desalinate ocean water in the Jacksonville area and use it to replace groundwater as a water supply for all four utilities ($12.0 billion). These projects are currently not being considered for implementation due to the high capital and operation/maintenance costs, brine disposal and the benefits of the Pumping Replacement desalination project would not offset the full LSFIR MFL deficits.

Water First North Florida

Water First North Florida is a 40 mgd project that is currently in the planning phase. Reclaimed water from the JEA Buckman and Southwest Water Reclamation Facilities (WRFs) will be passed through a wetland treatment system to further reduce nutrients before being pumped to strategically located aquifer recharge site(s) in the region. A treatment wetland and recharge facility siting investigation are underway. Water First North Florida will provide regional recharge to the Floridan aquifer. In addition to these regional benefits, when fully implemented, this project has the potential to increase flows at Lower Santa Fe River at Hwy 441 near High Springs and the Ichetucknee River at Hwy 27 near Hildreth by up to 17 cfs and 14 cfs, respectively. The estimated construction cost for the project is $1.1 billion, not including land acquisition, easements, permitting or operation/maintenance costs. The project will provide sufficient benefits to the LSFIR MFLs to offset the impacts from current and projected 2045 water use.

Selection of treatment wetland and recharge sites is critical to the overall project design of Water First North Florida. Design of treatment, storage, pumping, transmission and recharge facilities are dependent on establishing the treatment wetland(s) site and estimated performance criteria during the initial conceptual design process. Initiating the site selection effort as early as possible is essential to timely implementation of the project. As part of this pre-design work, SJRWMD, in cooperation with JEA, has undertaken a pilot study at JEA's Buckman WRF to investigate the use of ozone in conjunction with a wetland to enhance treatment of the reclaimed water. SJRWMD is also managing an investigation to identify and evaluate sites for construction of treatment wetland(s) to provide additional treatment of the Buckman and Southwest WRFs reclaimed water, which will be used for aquifer enhancement efforts at recharge sites. Recommendations for the wetland and recharge sites investigation will be documented in a final report expected to be completed by January 2028. The report's findings will be used as the basis for property acquisition and the development of a preliminary design report (PDR) for design, permitting and construction of treatment wetland(s) and recharge facilities for the Water First North Florida project. Key accomplishments will be tracked as part of this project and include acquisition of treatment wetland and recharge locations, transmission of reclaimed water to treatment wetland(s), as needed, post wetland treatment to ensure water quality requirements are met, and transmission to and application at recharge locations.

The Water First North Florida project is being designated as a Regional Project in the Addendum to the 2023 North Florida Regional Water Supply Plan that is being considered by the Governing Boards concurrently with this Implementation Strategy. Funds provided to support this Regional Project by the Districts and through the programs described in the Funding section below are intended to mitigate impacts from all existing legal uses to the LSFIR MFLs through 2025. Thus, if a permittee intends to keep its allocation of groundwater at an amount no more than its Demonstrated 2025 Demand, no further offsets will be required by that permittee to address impacts to the LSFIR MFLs. The determination of the Demonstrated 2025 Demand will be in accordance with the "Offset Requirements" section of the regulatory component of the overall strategy.

It is anticipated that the project will also be capable of providing sufficient benefits to the LSFIR MFLs to offset impacts from increased water withdrawals within the Partnership area through 2045. In other words, Water First North Florida is anticipated to provide sufficient offsets to address, for example, increased water withdrawals due to growth in agricultural production and population. Accordingly, funds provided to support this Regional Project by the Districts and through the programs described in the Funding section below are also intended to mitigate impacts from potential future water withdrawals associated with the following: domestic self-supply uses, authorized uses under a general permit by rule and impacts from increased water withdrawals beyond the Demonstrated 2025 Demand, pending available offsets. In cases where allocations beyond the Demonstrated 2025 Demand demonstrate a potential impact to any MFL Compliance Point, the permittee must offset these impacts in accordance with the Offset Requirements section of the regulatory portion of the overall strategy. A permittee

may elect to address its impact to the MFLs by pursuing a smaller, local-scale project or by participating in the Water First North Florida project subject to the availability of offsets. The requirements for evidencing participation in this Regional Project may found in the “Offset Requirements” section.

Black Creek Water Resource Development Project

The Black Creek WRD Project (Project) is located in southwest Clay County. It is one of several projects identified in the 2023 NFRWSP and focuses on recharge to the Upper Floridan aquifer (UFA). The Project is comprised of an intake structure and pump station that pumps up to 10 mgd from the South Fork of Black Creek when the creek flow is above a predetermined low-flow threshold. The water is then pumped through a 17-mile water transmission main before discharging to a treatment system located at Camp Blanding where color and nutrients are removed prior to discharging into Alligator Creek. The water is then eventually recharged to the UFA through Lakes Brooklyn and Geneva. The Project facilities began testing in the first quarter of calendar year 2025 and are expected to be fully operational by the first quarter of calendar year 2026. In addition to meeting the MFLs for waterbodies in the SJRWMD, this project has the potential to increase flows at Lower Santa Fe River at Hwy 441 near High Springs and the Ichetucknee River at Hwy 27 near Hildreth by up to 0.5 cfs and 0.1 cfs, respectively.

Funding for this project is comprised of a variety of sources. First, funding was provided in the St. Johns River and Keystone Heights Lake Region Projects legislative appropriations. The total appropriation was more than $48 million, of which nearly $43.4 million was allocated to the Project. Additionally, North Florida utilities are contributing $19.7 million toward the project through participation agreements that were approved by the SJRWMD Governing Board in July 2021. Those utilities include CCUA, GRU, SJCUD, and JEA. DEP contributed $13 million towards construction of the project. The remaining balance of project costs is being provided by SJRWMD. In summary, there is approximately $119 million committed to the project to date.

The Black Creek WRD Project is also being designated as a Regional Project in the 2023 Regional Water Supply Plan First Addendum that is being considered concurrently with this Implementation Strategy. Participating entities in the project will receive offset credit commensurate with their financial participation in the Project. Any remaining offsets will be utilized by SJRWMD to mitigate impacts from existing legal uses in the SJRWMD portion of the Partnership area through 2025.

Agricultural Water Conservation

Agricultural water conservation is being advanced by improved agricultural irrigation efficiency. This includes center pivot and irrigation drain tile retrofits, and other irrigation efficiency practices and technologies. In SRWMD, the District supports the adoption of advanced water-saving technologies such as variable rate irrigation, variable frequency drives (VFDs), and remote-controlled equipment, as well as nutrient management tools like grid soil sampling and side dressing. In SJRWMD, the Tri-County Agricultural Area

(TCAA) Water Management Partnership helps growers transition from traditional seepage systems to more efficient irrigation technologies, achieving water use reductions of up to 60%.

Additionally, SRWMD offers a program that provides cost-share funding for in-line flow meters, incentivizing the long-term adoption of water monitoring technologies to enhance irrigation efficiency. Further, reducing reliance on groundwater through the implementation of rainwater harvesting and tailwater recovery, where feasible, is supported. Adoption of soil moisture sensors, weather stations, and soil health practices further supports conservation in the region. These efforts collectively illustrate how enhanced irrigation efficiency and reduced water use will support long-term resource sustainability.

Florida Water Star Silver Plus

Public Supply water conservation is an important component of any Strategy as it directly affects projected water demand and, therefore, the magnitude of resource impacts. Best management practices, such as efficient plumbing fixtures, efficient irrigation system design, and grouping plants of similar moisture and maintenance requirements can reduce the amount of water applied to residential landscape.

The Florida Water Star^{SM} (FWS) Silver certification program has been identified as a potential conservation program that would be beneficial in achieving the LSFIR MFLs. The FWS Silver certification program includes indoor, landscape, and irrigation requirements to reduce residential water consumption. Utilities have also been including an additional element to their FWS Silver certification program for outdoor use by limiting the provision of water for irrigation to the front and side yards only – which is similar to FWS Silver Plus.

The Districts completed an assessment of the costs, water savings, and benefits of implementing these two programs for all new single-family, public supply customers in the Partnership area beginning in 2030. A FWS Silver certification program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 2.6% or 6.9 mgd at an increased construction cost of $1,400 per home when compared to traditionally built homes. The increased costs include indoor and outdoor BMPs and inspection costs. A FWS Silver Plus program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 6.3% or 17 mgd with an overall savings in home construction costs of $1,171 per home due to elimination of backyard irrigation system installation. Customers living in homes built to FWS Silver or Silver Plus standards could potentially save on average $360/year to $920/year in potable water and sewer costs.

The Districts recognize that 100% participation is not likely. However, even at an 80% participation rate, an FWS certification program would reduce the 2045 public supply groundwater demand by 5.5 mgd, while an FWS Silver Plus program would reduce the 2045 demand by 13.6 mgd. Therefore, there is a regional benefit to both programs.

To achieve 100% participation in these programs by new homeowners, FWS Silver or Silver Plus would need to be required through utility service agreements or local ordinance. The estimated costs borne by an individual utility to develop condition-of-service language or local governments to develop an ordinance are $850 to $18,000 per entity, respectively. When these costs are applied to the number of public supply utilities, counties, or municipalities within the Partnership area, the administrative cost to implement a FWS Silver or Silver Plus program throughout the Partnership area is approximately $972,000.

2023 North Florida Regional Water Supply Plan Projects

The 2023 NFRWSP included a list of potential WSD, WRD, and water conservation project options for the Partnership area. These project tables have been updated and incorporated into this Strategy, with any new projects identified since the approval of the 2023 NFRWSP now included. The resulting updated project lists consist of 116 projects that have a total estimated regional benefit of 216.5 mgd and a total estimated cost of $3.28 billion. Fifty-six of these projects have been completed, are under construction, or are permitted with an estimated regional benefit of 63.1 mgd, at an estimated cost of $846.3 million. For those projects in the planning, proposed, or feasibility review phase, their actual water supply yield may change after the project is implemented. When constructed, these projects can provide additional benefit to the MFLs by offsetting impacts that would have occurred if projected demands were met exclusively by groundwater and are critical to maintaining the environmental benefit achieved through implementation of the regional projects. It should be noted that some of these projects listed are individual project components that when combined make up a larger project. More detailed information on these projects can be found in Appendix B. Upon approval of this Strategy, Appendix K in the 2023 NFRWSP will be updated to reflect the projects in this Strategy.

Regulatory Measures

Water users in the Partnership area play a crucial role in the recovery of the LSFIR MFLs. Presently, the Districts possess a comprehensive system of rules which regulate the use of water. These permit criteria are listed in Chapters 40B-2 and 40C-2, F.A.C., and these criteria are further described in the Districts' Applicant's Handbooks (A.H). Consumptive use permitting rules provide a regulatory framework to ensure achievement of the LSFIR MFLs in 20 years. The following is a brief summary of current and future regulatory measures that will be utilized to address achievement of the LSFIR MFLs.

Current Permitting Rules

Several existing permit requirements will continue to provide assurance that existing and newly permitted consumptive uses are consistent with the Strategy objective:

- Permitting criterion requiring that reasonable-beneficial uses must not cause harm to the water resources of the area. See Rules 40B-2.301(2)(g), and 40C-2.301(2)(g), F.A.C.
- Permitting criterion requiring that reasonable-beneficial uses must be in accordance with any minimum flow or minimum level and implementation strategy. See Rules 40B-2.301(2)(h), and 40C-2.301(2)(h), F.A.C.
- Permitting criterion requiring that reasonable-beneficial uses must be in such quantity as is necessary for economic and efficient use. See Rules 62-41.402(3)(a), 40B-2.301(2)(a), and 40C-2.301(2)(a), F.A.C. To meet the requirements of this criterion, water use must be consistent with the demonstrated water demand for a particular water use.

Nothing in this Strategy shall be construed to automatically modify any consumptive use permit to reduce previously authorized allocations. To the extent the impact of a use is not addressed by a project, including a Regional Project, the District will notify the applicant or permittee, pursuant to current permitting rules and conditions, of the need to address its impacts to the LSFIR MFLs. Any modifications to existing consumptive use permits would be in accordance with Chapter 373, Florida Statutes, and District rules.

New Rules

In addition to the rules currently in place, additional regulatory measures are being adopted by DEP. These measures are designed to ensure the LSFIR MFLs will continue to be met. These rules address the following topics:

- Monitoring and reporting of water use
- Enhanced conservation
- Offset requirements

For additional information regarding the proposed regulatory measures, please see the regulatory component of the overall strategy.

Implementation

Conditions will be added to consumptive use permits in accordance with applicable rules. This includes incorporating water conservation, recharge, alternative water supply, and reclaimed water projects and their benefits as permit conditions, where applicable. These conditions will include milestones for project implementation and the ability to propose alternative projects of equal benefit should they choose not to implement or participate in the projects identified. Tracking of regulatory components/permit requirements will be captured in the Districts' regulatory

systems/databases and shared between Districts and DEP. This information will be reviewed for incorporation into future NFRWSPs.

Phased Implementation

Strategy implementation will occur in five-year phases (Table 8). The first milestone phase would begin upon the effective date of the Strategy.

Milestone 1 - Target Date 2030

Water First North Florida

- ☐ Complete Treatment Wetland/Recharge Siting Investigation and review regional MFL ecological and environmental data to identify optimal recharge areas
- ☐ Develop participation agreements and secure initial funding
- ☐ Initiate land acquisition and approximately 30% design for treatment wetland
- ☐ 100% design and initiate construction of transmission system from Buckman and Southwest WRFs to treatment wetland site(s)
- ☐ Approximately 30% design of Buckman and Southwest WRFs treatment, treatment wetlands, post wetland treatment, and transmission wetland to recharge facilities
- ☐ PDR of recharge facilities completed

Reporting & Evaluation

- ☐ Collect additional water use data
- ☐ Collect additional LSFIR MFL ecological and environmental data
- ☐ Collect additional Upper Floridan aquifer water level data in the LSFIR region
- ☐ Collect data to support spring-specific evaluation of MFLs in the LSFIR region
- ☐ Evaluate 2025 water use data to support implementation of regulatory measures to address impacts to the LSFIR MFLs resulting from increases in groundwater use beyond 2025 average daily water use
- ☐ Incorporate updated water use data into the next NFRWSP
- ☐ Incorporate monitoring and metered data related to agricultural water use into the next NFRWSP
- ☐ Complete data collection and analysis for residential landscape irrigation and non-permitted water use and incorporate into the NFRWSP

Black Creek WRD Project

- ☐ Fully operational, project benefits incorporated into status evaluation for NFRWSP

Agricultural Water Conservation

- ☐ Implementation of AG Cost-Share Program to support efficiency, metering and Mobile Irrigation Lab (MIL) implementation
- ☐ Conservation implementation is tracked via the NFRWSP

FWS Silver Plus Implementation

- ☐ Outreach to Public Supply utilities and local governments for need and benefits of program implementation (e.g. workshops with utilities, local governments, builders, inspectors, irrigation system community and homeowners; tracking of number of participating utilities or local governments and number of new homes being built to FWS Silver Plus standards)

Progress toward achieving the adopted MFLs

- ☐ Track project implementation via consolidated annual report submission to DEP and the NFRWSP
- ☐ Assess MFL status of LSFIR as well as other regional MFLs concurrently with approval of NFRWSP

Milestone 2 - Target Date 2035

Water First North Florida

- ☐ Approximately 50% construction of treatment and transmission systems from Buckman and Southwest WRFs to treatment wetland(s)
- ☐ Review LSFIR and regional MFL ecological and environmental data as well as any updated analysis/assessment to identify optimal recharge area locations
- ☐ Complete land acquisition/easements
- ☐ 100% design and approximately 50% construction of Buckman and Southwest WRFs treatment, treatment wetlands, post wetland treatment, and transmission wetland to recharge facilities
- ☐ 100% design and approximately 50% construction of recharge facilities

Reporting & Evaluation

- ☐ Continue collection and evaluation of the following: water use data; LSFIR MFL and associated priority springs ecological and environmental data; Upper Floridan aquifer water level data in the LSFIR region
- ☐ Continue collection and evaluation of data to support spring-specific evaluation of MFLs in the region
- ☐ Incorporate updated water use data into next NFRWSP
- ☐ Incorporate monitoring and metered data related to agricultural water use into the next NFRWSP

Black Creek WRD Project

- ☐ Implementation is tracked via the NFRWSP, project benefits incorporated into status evaluation for NFRWSP

Agricultural Water Conservation

- ☐ Cost share continues to support efficiency, metering, and MIL implementation
- ☐ Conservation implementation is tracked via the NFRWSP

FWS Silver Plus Implementation

- ☐ Continued outreach and tracking of program implementation

Progress toward achieving the MFLs

- ☐ Track project implementation via consolidated annual report submission to DEP and the NFRWSP
- ☐ Assess MFL status of LSFIR concurrently with approval of NFRWSP to include a review of adopted MFLs

Milestone 3 - Target Date 2040

Water First North Florida

- ☐ 100% completion of construction of treatment systems and transmission of treated reclaimed water from Buckman and Southwest WRFs to treatment wetland(s)
- ☐ 100% completion of construction and begin operation of treatment wetland sites
- ☐ Implement initial recharge proximal to treatment wetland
- ☐ 100% completion of construction and start operation of post wetland treatment and transmission wetland to recharge facilities
- ☐ 100% completion of construction of recharge facilities

Reporting & Evaluation

- ☐ Continue collection and evaluation of the following: water use data; LSFIR MFL and associated priority springs ecological and environmental data; Upper Floridan aquifer water level data in the LSFIR region
- ☐ Incorporate updated public supply data into next NFRWSP
- ☐ Incorporate monitoring and metered data related to agricultural water use into the next NFRWSP

Black Creek WRD Project

- ☐ Implementation is tracked via the NFRWSP

Agricultural Water Conservation

- ☐ Cost share continues to support efficiency, metering, and MIL implementation
- ☐ Conservation implementation is tracked via the NFRWSP

FWS Silver Plus Implementation

- ☐ Continued outreach and tracking of program implementation

Progress toward achieving the adopted MFLs

- ☐ Track project implementation via consolidated annual report submission to DEP and the NFRWSP
- ☐ Assess MFL status of LSFIR concurrently with approval of NFRWSP to include a review of adopted MFLs

Milestone 4 - Target Date 2045

Water First North Florida

- ☐ Continue operation and maintenance of treatment systems and transmission of treated reclaimed water from Buckman and Southwest WRFs to treatment wetland(s)
- ☐ Continue operation and maintenance of treatment wetland sites and post wetland treatment and transmission wetland to recharge facilities
- ☐ Continue operation and maintenance of recharge facilities

Reporting & Evaluation

- ☐ Continue collection and evaluation of: water use data; LSFIR MFL and associated priority springs ecological and environmental data; Upper Floridan aquifer water level data in the LSFIR region
- ☐ Incorporate updated public supply data into next NFRWSP
- ☐ Incorporate monitoring and metered data related to agricultural water use into the next NFRWSP

Black Creek WRD Project

- ☐ Implementation is tracked via the NFRWSP

Agricultural Water Conservation

- ☐ Cost share continues to support efficiency, metering, and MIL implementation
- ☐ Conservation implementation is tracked via the NFRWSP

FWS Silver Plus Implementation

- ☐ Continued outreach and tracking of program implementation

Progress toward achieving the adopted MFLs

- ☐ Track project implementation via consolidated annual report submission to DEP and the NFRWSP
- ☐ Assess MFL status of LSFIR concurrently with approval of NFRWSP to include a review of adopted MFLs

Funding

There are numerous funding opportunities and programs that are available to support WSD, WRD, and water conservation projects. In addition to water supplier and user funding options and water utility revenue funding sources, the Districts provide financial assistance through cost-share funding programs. Funding opportunities are also accessible through State and Federal Funds.

Florida Springs and Aquifer Protection Act Requirements

Pursuant to Subsection 373.805(4)(d), F.S., water management districts will provide financial assistance for the implementation of projects and measures identified in this Strategy. The amount of financial assistance to be made available by the water management districts for each designated project listed may not be less than 25% of the total project cost unless a specific funding source or sources are identified which will provide more than 75% of the total project cost. The SRWMD is not required to meet the 25% requirement to provide financial assistance.

SJRWMD intends to meet the aforementioned statutory requirement through its participation in the Black Creek Water Resource Development Project (already funded), the Water First North Florida project, and the Florida Water Star Silver Plus water conservation project. Regarding Water First North Florida, SJRWMD intends to participate by contributing to the planning, design, construction and/or operation and maintenance (O&M) of the project. In addition to direct cost-share, SJRWMD may meet the financial assistance requirement through land acquisition or in-kind services (e.g., project management, project administration, provision of O&M services). As required by statute, SJRWMD's financial contribution to Water First North Florida will be limited to the share of impacts to the MFL Compliance Points resulting from water withdrawals in the SJRWMD region (see Table 6), estimated at $100-125 million.

District Funding

The Districts primarily provide funding assistance through Districtwide Annual Cost-Share Programs, which support projects that benefit one or more of the District's four core missions: water supply (alternative water supply and water conservation), water quality, natural systems restoration (including projects that provide a significant percent recovery for an MFL waterbody whose status is in prevention or recovery), and flood protection.

SRWMD

The SRWMD promotes water conservation and the implementation of measures that produce significant water savings beyond those required in a CUP. Additionally, the SRWMD provides cost-share funding for projects that foster the four core missions.

Summarized below are the SRWMD's funding options and programs that offer financial assistance for projects.

RIVER Cost-Share Program

The Regional Initiative Valuing Environmental Resources (RIVER) cost-share program provides funding assistance to water supply and/or wastewater utilities, government entities, and local entities for projects that decrease water consumption, implement water savings programs, provide AWS, protect water supply, improve water quality, restore natural systems, and provide flood protection. There is between $800,000 to $1 million allocated annually, with individual projects typically being between $100,000 and $400,000.

Agricultural Cost-Share Program

The SRWMD Agricultural Cost-share Program provides funding assistance districtwide to agricultural operations for the implementation of projects that conserve water and/or result in nutrient loading reductions. The cost-share program provides up to 90% cost-share, not to exceed $300,000 per funding source for approved projects. Funding is allocated to this program from DEP along with the Florida Department of Agriculture and Consumer Services (FDACS). For the fiscal year (FY) 2023/24, there was approximately $2.1 million funded with the same amount expected to be funded through FY 2024/25.

REDI Program

The Rural Economic Development Initiative (REDI) was established to better serve Florida's economically distressed rural communities (Section 288.0656, F.S.). Counties or communities facing economic challenges are entitled to seek a "Match Waiver or Reduction" in relation to job or wage criteria, eligible company criterion, incentive prerequisites, and grant funding. The eligibility for a match waiver in grant programs is determined by individual state agencies, taking into account their yearly budget allocations and adherence to federal and state regulations (Florida Department of Economic Opportunity n.d.). In the SRWMD's portion of the Partnership area, there are seven REDI counties (Baker, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, and Union), which qualify for match waivers.

SJRWMD

SJRWMD offers funding through a competitive cost-share program to support agricultural projects. The funding may come from SJRWMD alone or in partnership with local entities, and state funds can supplement these awards.

Agricultural Cost-Share Program

SJRWMD Agricultural Cost-share Program provides funding assistance districtwide to agricultural operations for the implementation of projects that conserve water and/or result in nutrient loading reductions. This cost-share program provides up to 75%, not to exceed $250,000 per project, for engineering, design, and construction costs of an approved project. The grower is expected to cover operation and maintenance costs; however, future requests for long-term maintenance items (such as drip tape) may be considered for funding. For FY 2024/25, the SJRWMD expects to fund about $1.5 million in projects.

Tri-County Agricultural Area (TCAA) Water Management Partnership

Multiple agencies are contributing funding, education, and technical assistance for growers in the TCAA of Flagler, Putnam, and St. Johns counties to implement projects that contribute to improving the health of the St. Johns River and implementation of effective water conservation measures. These projects are anticipated to contribute to the improved health of the river through on-farm and regional water management projects and practices that reduce the movement of nutrients to the river, improve irrigation efficiencies, which will result in more efficient farm management practices, while maintaining the long-term viability of agriculture in the TCAA. Funds allocated to this program vary year-to-year based upon funding availability from the FDACS, DEP, and the SJRWMD. For the FY 2024/25, there was approximately $2.75 million in funding made available through the TCAA Water Management Partnership.

REDI Program

In the SJRWMD's portion of the Partnership area, there are four REDI counties (Baker, Bradford, Nassau, and Putnam) and four REDI municipalities (Baldwin, Hawthorne Keystone Heights, and Penney Farms,) which qualify for match waivers.

State Funding

State funding options for water-related projects encompass a variety of programs aimed at improving water management and conservation. The FDACS Office of Agricultural Water Policy provides regional cost-share funding for producers to implement Best Management Practices (BMPs), such as enhancing irrigation system efficiency and using soil moisture sensors.

For Springs Protection, significant investments have been made to support projects that improve both water quality and quantity, including wastewater treatment upgrades, septic system conversions, and water conservation measures. The state supports springs restoration with $50 million in recurring appropriations annually from the Land Acquisition Trust Fund (SJRWMD and SRWMD 2023). The Springs Restoration Grant Program provides grants to protect and restore the quality and quantity of water that flows from springs. Relevant eligible project types include agricultural best management

practices, water conservation, hydrologic restoration, aquifer recharge, and land acquisition for preservation among other projects.

The DEP's Alternative Water Supply Grant Program also allocates funds for WRD and AWS projects, prioritizing regional initiatives facing water constraints. The Drinking Water State Revolving Fund Program offers low-interest loans for planning, designing, and constructing public water facilities, with a focus on affordability and public health, particularly benefiting small and financially disadvantaged communities. Additionally, the Florida Forever Program aims to conserve and manage critical natural lands through funding from the Florida Forever Trust Fund, which is sourced from documentary stamp tax revenues.

The Clean Water State Revolving Fund (CWSRF) Program provides low-interest loans to local governments to plan, design, and build or upgrade wastewater, stormwater, and nonpoint source pollution prevention projects. Certain agricultural best management practices may also qualify for funding. The Drinking Water State Revolving Fund (DWSRF) Program provides low-interest loans to local governments and private utilities to plan, design, and build or upgrade drinking water systems and implement water loss reduction projects.

For SRF programs, discounted assistance (e.g., very low interest rates, grants, etc.) for eligible communities is available. Interest rates on loans are below market rates and vary based on the economic wherewithal of the community. Principal Forgiveness can range from 20%-90% of the loan amount and can be matched to grants to cover loan portions where available.

Federal Funding

Federal funding options for water-related projects include several key programs. The Environmental Quality Incentive Program (EQIP) by the United States Department of Agriculture's (USDA) Natural Resource Conservation Services (NRCS) offers technical and financial assistance to agricultural producers for implementing practices that improve environmental quality, such as water supply and nutrient management systems. State and Tribal Assistance Grants, provided by the Environmental Protection Agency (EPA), support cooperative agreements with states and often require a 45% local match. The Water Infrastructure Finance and Innovation Act (WIFIA) facilitates investment in water infrastructure by offering loans covering up to 49% of project costs, with minimum project thresholds of $20 million for large communities and $5 million for small communities with populations of 25,000 or less (SJRWMD and SRWMD 2023).

Monitoring Progress

Project Implementation

As directed by Section 373.036(7), F.S., each district is required to submit a consolidated annual report (CAR) to the Governor, legislature, and DEP, which describes each district's management of water resources. This report must contain, in part, the following information regarding all projects related to water quantity:

- A list of all projects identified to implement a recovery or prevention strategy;
- A priority ranking for each listed project for which state funding through the water resources development work program is requested;
- The estimated cost for each listed project;
- The estimated completion date for each listed project;
- The source and amount of financial assistance to be made available by DEP, district, or other entity for each listed project; and
- A quantitative estimate of each listed project's benefit to the watershed, water body, or water segment in which it is located.

The Districts will use the CAR to track the status of projects identified in this Strategy with annual updates reflecting new information and realized values added upon project completion. DEP will include such updates in its Statewide Annual Report (STAR) updated July 1 annually and available at https://floridadep.gov/dear/water-quality-restoration/content/statewide-annual-report.

LSFIR MFL Assessment

As part of the regional water supply planning process (Section 373.709, F.S.), the Districts shall conduct water supply planning for a water supply planning region where it determines that existing sources of water are not adequate to supply water for all existing and future reasonable-beneficial uses and to sustain the water resources and related natural systems for the planning period. In addition, Subsection 373.709(2), F.S., requires each Regional Water Supply Plan (RWSP) to be based on at least a 20-year planning period and must include an analysis of the MFLs that have been established for water resources within each planning region. A RWSP is updated at least once every five years.

The LSFIR MFLs will be evaluated as part of each NFRWSP, which encompasses the Partnership area. The evaluation will update water use estimates and projections and review the adopted LSFIR MFLs. The assessment will include a review wherein (1) the current flows at the MFL Compliance Point(s) are compared to the adopted MFLs, and (2) reasonably projected future flows are compared to the adopted MFLs. For reasonably projected future flows, the Districts will consider impacts from all projected water withdrawals within 20 years. This assessment and an analysis of the various stressors on the MFL Compliance Points, including but not limited to rainfall and water

withdrawals, will be reviewed relative to the approved Strategy. DEP and the Districts will review and determine whether the Strategy is meeting the established 5-year, 10-year, and 15-year targets required by Section 373.805, F.S. If the Strategy requires an update to achieve the MFL within 20 years of the initial approval of this Implementation Strategy, a revised strategy to achieve the MFLs will be prepared for consideration by the Districts' governing boards.

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Project Appendix A

Table A1: LSFIR Regional Project Options

Project Priority[1]	Project No.	Project Name	Implementing Agency	Project Description	Project Status	Estimated Completion Date	Estimated Volume (mgd)	Change in flow at Hwy 27 (cfs)	Change in flow at Hwy 441 (cfs)	Funding Source	Total Capital Cost ($million)	Estimated Annual O&M ($million)
A	2025_1	Water First North Florida	Partners	Reclaimed water from JEA facilities will be further treated through wetlands before transport to strategically located aquifer recharge sites.	Planning	2045	40	14	17	TBD	$1,100	$16
A	2017_21	Black Creek WRD Project	SJRWMD/JEA, CCUA, SJCUD, GRU and other local cooperators	The project will divert up to 10 mgd from the South Fork of Black Creek during wet weather high flow periods. Diversions will only be made when there is sufficient flow available to ensure the protection of natural resources within the creek. The water will be pumped through a transmission system before eventually discharging into Alligator Creek. Alligator Creek flows into Lake Brooklyn, which will increase recharge to the UFA through the lake bottom.	Construction/ Underway	2025	8.0	0.1	0.5	Funded	$119	$5
A	2760, 228, 458	Agricultural Water Conservation	SRWMD	District-wide cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs; incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Middle Suwannee springshed.	Planning	2045	8.0	0.6	1.2	TBD	$14	TBD
B	2025_2	FWS Silver Plus Implementation[2]	Public Water Supply Entities	Requiring FWS Silver Plus criteria on all new single-family homes on potable water with in-ground irrigation systems from 2030 to 2045.	Conceptual	2030	17	0.4	1.5	TBD	$0.97	$0
Total							73	15.1	20.2		$1,233.97	$21

[1]A= Project is being implemented or planned for implementation; B=Project will be considered in whole or part for implementation

[2] Average estimated administrative cost for implementing a Florida Water Star (FWS) Silver Plus program by utility condition-of-service or local government ordinance in the Partnership area can be up to $0.97 million. FWS Silver Plus will result in an overall savings of $1,171 per home in construction costs when compared to traditional home construction costs.

Project Appendix B

2025 LSFIR Implementation Strategy
Project Options

This appendix provides a list of 116 potential water supply development (WSD), water resource development (WRD), and water conservation project options for the Partnership area. There are 60 WSD projects with a total estimated benefit of 96.5 mgd and a total estimated cost of $1.3 billion. For WRD projects, there are 24 projects with a total estimated benefit of 84.2 mgd and a total estimated cost of approximately $1.9 billion. Additionally, the 32 water conservation projects are estimated to have a total estimated benefit of 35.8 mgd, incurring a total estimated cost of $83.3 million. Upon approval of this Strategy, Appendix K in the 2023 NFRWSP will be updated to reflect the projects in this Strategy.

Projects options are arranged by project category:

- Water Supply Development (Table B-2)
- Water Resource Development (Table B-3)
- Water Conservation (Table B-4)

Within each project category, projects are organized by project type. The SJRWMD projects from the 2017 NFRWSP are numbered as “2017” followed by a project number. Any SJRWMD projects from the 2023 NFRWSP are numbered as “2023” followed by a newly assigned number. Any new SJRWMD projects from the 2025 Strategy are numbered as “2025” followed by the newly assigned number. The SRWMD projects are numbered based on SRWMD’s project database tracking system. These projects are in different phases of construction or planning (project status). For those projects in the planning, proposed, or feasibility review phase, their actual water supply yield may change after the project is implemented.

A project identified for inclusion in this Strategy document might not necessarily be selected for development by the listed water supplier.

Table B1: Abbreviations and descriptions for Appendix B: 2025 Strategy

Abbreviation	Description
AADF	Annual average daily flow
ACT	Alachua Conservation Trust
BAF/O3	Ozone/biologically active filtration
CCUA	Clay County Utility Authority
DEP	Florida Department of Environmental Protection
DRI	SJCUD specific 2023_46 re: Silverleaf
ERCs	Equivalent residential connections
GRU	Gainesville Regional Utilities
KWRF	Kanapaha Water Reclamation Facility
MG	Million gallons
MSWRF	Main Street Water Reclamation Facility
NA	Not applicable
RCW	Reclaimed water
SCADA	Supervisory control and data acquisition
SEQ	Southeast Quadrant development (I-295 and SR-202)
SJCUD	St. Johns County Utility Department
SWDE	Surface Water Discharge Elimination
TBD	To be determined
WRF	Wastewater reclamation facility

Table B4. Water Conservation Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
2760	SRWS00187A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agriculture Springs Protection	Producers	District wide Cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs.	Construction/Underway	2027	3.00	NA	$3.75	TBD	TBD
103	SRWS00082A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Sustainable Suwannee Ag Pilot Program - Low Input*	FDEP	Pilot program for agricultural operations, landowners, counties and cities, private companies, and other entities within specific geographical areas to submit proposals to reduce water use and improve water quality by reducing and removing nutrients	Construction/Underway	2026	2.55	NA	$2.50	TBD	TBD
228	SRWS00108B	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Accelerating Suwannee River Restoration and Silviculture Management	ACT; Rayonier Conservation Trust	Incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Middle Suwannee springshed.	Construction/Underway	2026	3.03	NA	$2.38	TBD	TBD
2093	SRWS00159A	SRWMD	Columbia	Agricultural Conservation	Graham Farm Acquisition	ACT	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes. Remove agricultural irrigation well.	Construction/Underway	2026	0.29	NA	$1.80	$0.005	$1.99
2673	SRWS00184A	SRWMD	Gilchrist	Agricultural Conservation	Piedmont Dairy Conversion	Alliance Grazing Group, LLP	Conversion from grazing to free-stall barns to reduce nutrients and groundwater pumping	Complete	2025	0.45	NA	$5.59	$0.60	$5.50
2967	SRWS00188A	SRWMD	Gilchrist	Agricultural Conservation	Smart Soakers	UF/IFAS	Reduce water usage through the use of Smart soaker for cattle cooling.	Construction/Underway	2026	0.04	NA	$0.49	$0.003	$18.75
2023_22	NA	SJRWMD	Alachua	PS and CII Conservation	Advanced Metering Infrastructure (AMI)	GRU	This project will replace existing meters with smart meters that can help detect leaks on the customers side of the meter, while also replacing service laterals that are made of polybutylene which are prone to leaking.	Construction/Underway	2025	1.00	NA	$16.40	$0.20	$3.45
2023_23	NA	SJRWMD	Alachua	PS and CII Conservation	Large meter replacement	GRU	This project will replace existing large meters with more accurate new meters. Greater accuracy will promote conservation.	Construction/Underway	2025	0.09	NA	$0.40	$0.00	$0.81
2023_24	NA	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Phase 2	GRU	This project is Phase 2 of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units.	Design	2025	0.04	NA	$0.11	$0.00	$0.43
2023_25	NA	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Future Phases	GRU	This project is a future phase of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units	Proposed	2035	0.13	NA	$0.32	$0.00	$0.43
2017_142	NA	SJRWMD	Alachua	PS and CII Conservation	Future GRU Water Conservation Projects	GRU	This future project will Implement cost effective projects that may include but are not limited to public education, advanced metering, indoor plumbing retrofit, commercial water efficiency programs and outdoor irrigation efficiency programs.	Feasibility Review	2035	0.80	NA	$2.00	$0.00	$0.40
2023_16	NA	SJRWMD	Clay	PS and CII Conservation	Advanced Metering with Customer Dashboard	CCUA	This project will provide customers with water savings tools by expanding the capabilities of its existing Advanced Metering Infrastructure to increase the savings realized through customer-side notifications of excessive or abnormal water use. Customers will be able to view water use in short term intervals, and the automated system will alert users the same day they occur. Customers can also gain insight into water use patterns and behaviors which can result in reductions in water use. The project is being performed in as part of a major ERP platform upgrade.	Construction/Underway	2024	0.45	NA	$0.75	$0.025	$0.27
2023_18	NA	SJRWMD	Clay	PS and CII Conservation	Customer DSM Programs (take midpoint or water prod)	CCUA	This project is a Demand Side Management Programs Composite in which CCUA has identified a number of demand side management programs that can reduce potable and reclaimed usage. These programs will be adding the DSM portfolio over the next decade. Costs and water savings from these programs occur over the entire life of the program. Programs may include single family high efficiency toilet rebates, high efficiency clothes washer rebates, commercial ice machine and restaurant pre-rinse spray valve rebates, smart irrigation controller rebates, and new development turf reduction ordinance.	Feasibility Review	2033	1.27	NA	$1.59	$0.00	$0.37
2017_174	NA	SJRWMD	St. Johns	PS and CII Conservation	Promote Cost-Effective Conservation Programs	SJCUD	Reducing demands from existing water uses through investments in conservation is possible. Previous studies have determined that the most cost-effective and practical conservation best management practices (BMPs) can include retrofits to indoor and outdoor fixtures, improved customer education, irrigation efficiency programs, and utilizing soil moisture sensing devices to reduce irrigation demands.	Construction/Underway	2045	0.19	NA	$0.00	$0.18	$0.00
2023_44	NA	SJRWMD	St. Johns	PS and CII Conservation	NW Wellfield VFD addition	SJCUD	This project is part of the effort to optimize operation of the Northwest Well Field in accordance with SJCUD's Wellfield Optimization Plan. Phase I of this project will install VFD pump controls on new wells as part of the current expansion project. Phase II will retro-fit existing wells. Assumes a 20% supply benefit.	Construction/Underway	2025	1.55	NA	$1.00	TBD	$0.24
2023_53	NA	SJRWMD	Alachua	PS and CII Conservation	Water Main Replacement, Phase 4	Hawthorne	This project is Phase 4 and 5 of a city-wide water distribution system replacement effort by the City. All phases have been designed, and Phase 1-3 & 5 have been constructed. The remaining portions of the water distribution system consists mostly of approximately 16,600 linear feet of cast iron and galvanized steel pipe that is over 60 years old and has exceeded its useful life. Project completion will conserve precious water resources by significantly reducing water losses and need for frequent flushing.	Construction/Underway	TBD	0.01	NA	$3.27	$0.005	$37.19
2680	SRWS00186A	SRWMD	Alachua	PS and CII Conservation	Archer Water System Improvements	Archer, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	2027	0.00	NA	$4.80	$0.005	$268.79
2671	SRWS00183A	SRWMD	Alachua	PS and CII Conservation	Reducing Impacts from Urban Landscapes	Alachua County EPD	Reduction of water use in landscape irrigation in the NFRWSP area.	Construction/Underway	2027	0.07	NA	$0.45	$0.009	$1.46
2669	SRWS00182A	SRWMD	Alachua	PS and CII Conservation	DH/DHR water sharing	GRU	Reduce groundwater pumping by connecting a shared water system at the GRU power plants to conserve water	Complete	2025	0.20	NA	$0.93	$0.007	$0.70
2672	SRWS00201A	SRWMD	Alachua	PS and CII Conservation	High Springs Limerock Mine	Alachua County	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes.	Construction/Underway	2026	0.01	NA	$1.60	$0.014	$17.58
305	SRWS00158A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	PS and CII Conservation	Water Supply Infrastructure Improvements	Public Water Supply Entities	Includes replacement of aging infrastructure, distribution and safety improvements.	Proposed	2033	0.00	NA	$4.00	$0.04	NA
3033	SRWS00189A	SRWMD	Bradford	PS and CII Conservation	Hampton AMR water meter replacement	Hampton, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Complete	2023	0.01	NA	$0.18	$0.003	$28.97
2668	SRWS00181A	SRWMD	Bradford	PS and CII Conservation	Lawtey Water Main Replacement	Lawtey, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	2026	0.02	NA	$2.80	$0.06	$23.50

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
NA	NA	SRWMD	Bradford	PS and CII Conservation	Waldo AMR water meter replacement	Waldo, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Proposed	2027	0.01	NA	$0.20	$0.005	$4.88
458	NA	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agriculture Springs Protection Phase II	Producers	District wide Cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs.	Planned	2031	2.00	NA	$7.50	TBD	TBD
2025_12	NA	SJRWMD	Duval	PS and CII Conservation	JEA Demand-Side Management Conservation Program	JEA	The water conservation program includes rebates for high efficiency toilets, clothes washers, dishwashers and smart irrigation tools for homeowners. It also includes incentives to commercial customers for implementing the Green Restaurant program, retrofitting ice machines, and cooling tower cost-sharing. The estimated water conservation benefit is 1.5 mgd.	Construction/Underway	2025	1.50	NA	$10.95	TBD	TBD
2025_13	NA	SJRWMD	Putnam	PS and CII Conservation	Interlachen Water Supply System Improvements: Phase 4	Town of Interlachen	This project includes upgrades to a water distribution supply system by replacing approximately 6,300 LF of aged, undersized, and leaking 1-inch, 1.5-inch, and 4-inch galvanized steel water mains with 6-inch and 8-inch polyvinyl chloride (PVC) water mains, along with new valves, fire hydrants, and water services. The estimated water conservation benefit is 0.012 mgd.	Complete	2024	0.01	NA	$1.09	TBD	TBD
2025_14	NA	SJRWMD	Putnam	PS and CII Conservation	Palatka Madison Street Water Main Improvements	City of Palatka	The project includes replacing approximately 1,981 LF of aged and failing cast iron pipe, within Palatka's central downtown area, with PVC to eliminate leaks and line breakage. The estimated water conservation benefit is 0.004 mgd.	Construction/Underway	2025	0.004	NA	$0.50	TBD	TBD
2025_15	NA	SJRWMD	Alachua	PS and CII Conservation	GRU Water Efficient Toilet Exchange Program	GRU	This project includes providing Gainesville Regional Utility (GRU) customers with high-efficient toilets in exchange for older, inefficient toilets through the GRU Water Efficient Toilet Exchange Program. The estimated water conservation benefit is 0.01 mgd.	Proposed	2045	0.010	NA	$0.11	TBD	TBD
2025_2	NA	SJRWMD & SRWMD	Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Gilchrist, Hamilton, Nassau, Putnam, St. Johns, Suwannee, Union	PS and CII Conservation	FWS Silver Plus Implementation	Public Water Supply Entities	Requiring FWS Silver Plus criteria on all new single-family homes on potable water with in-ground irrigation systems from 2030 to 2045.	Conceptual	2030	17.04	NA	$0.97	TBD	TBD
2025_16	NA	SJRWMD		PS and CII Conservation	Crescent City Prospect St Water Main Replacement	City of Crescent City	The project includes replacement of approximately 6,900 LF of aged and deteriorated distribution system piping, hydrants, and services on the city's Prospect Street and Florida Avenue. The estimated water conservation benefit is 0.01 mgd.	Construction/Underway	2025	0.010	NA	$1.73	TBD	TBD
2025_17	NA	DEP	All Counties	PS and CII Conservation	The Florida Water Loss Program	DEP	The Florida Water Loss Program (FWLP) is providing free water loss audit training and water loss control technical assistance to utilities throughout Florida. Building on the success of the previous statewide effort to tackle water loss, this enhanced program is designed for both new learners (those new to water auditing or loss control) and advanced learners (those with prior audit submissions through the program). What's being offered: Remote webcasts recapping the 2023-24 program highlights and an intro to offerings available; remote water audit validation sessions, in person workshops, and direct technical assistance. This program is currently available and will have funding through 2027.	Underway	2027	0.000	N/A	$3.20	N/A	N/A
Total										**35.77**	**0.00**	**$83.34**	**$1.16**	**$415.71**

BEFORE THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

IN RE:

2014 RECOVERY STRATEGY
FOR THE LOWER SANTA FE
AND ICHETUCKNEE RIVERS
AND PRIORITY SPRINGS
_____/

ORDER NO. SJR 2025-____
SJRWMD F.O.R. No. 2025-___

ORDER APPROVING FIRST ADDENDUM TO THE 2014 RECOVERY STRATEGY FOR THE LOWER SANTA FE AND ICHETUCKNEE RIVERS AND PRIORITY SPRINGS MINIMUM FLOWS AND LEVELS

THIS MATTER came before the Governing Board of the St. Johns River Water Management District ("District") on November 12, 2025. The Governing Board, having been fully advised of the matter, hereby approves the Order Approving First Addendum to the 2014 Recovery Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs Minimum Flows and Levels with appendices (First Addendum to the 2014 Recovery Strategy), recognizing that the District's authority for water supply planning extends to water supply planning regions within the District's jurisdictional boundaries as established in section 373.069, F.S.

The First Addendum to the 2014 Recovery Strategy is attached hereto:

DONE and ORDERED by the Governing Board of the St. Johns River Water Management District on November 12, 2025.

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: _____
Rob Bradley, Chair

(SEAL)

Attest:_____
J. Chris Peterson, Secretary

Filed November 12, 2025

_____
Courtney Waldron, District Clerk

Recovery Strategy:
Lower Santa Fe River Basin

Lower Santa Fe and Ichetucknee Rivers and Priority Springs Minimum Flows and Levels April 8, 2014

First Addendum

St. Johns River Water Management District
Palatka, Florida

Suwannee River Water Management District
Live Oak, Florida

October 14, 2025

Recovery Strategy: Lower Santa Fe River Basin
Lower Santa Fe and Ichetucknee Rivers and Priority Springs
Minimum Flows and Levels
First Addendum
October 14, 2025

The St. Johns River Water Management District (SJRWMD) and Suwannee River Water Management District (SRWMD) (collectively, the Districts) approved the 2014 Recovery Strategy for the Lower Santa Fe River Basin (Strategy) as an appendix to the 2023 North Florida Regional Water Supply Plan (2023 NFRWSP) in December 2023. Except as described below, this addendum to the Strategy incorporates by reference the Strategy. It has been prepared for the purposes of updating projects listed in Appendix A of the Strategy. The project descriptions for the updated water supply development, water resource development, and conservation projects are included in the updated Appendix A. The revised information contained within this addendum is essential in the Districts' efforts to develop technical assistance documents for local governments to use in updating their comprehensive plans to address water supply issues, including the identification of alternative and traditional water supply projects necessary for meeting the water supply needs within their jurisdictions.

This first addendum appends the Strategy. Following are enumerated changes to the Strategy associated with this addendum.

Recovery strategy components: Appends/replaces Appendix A, Tables A2 through A5, with updated Tables A2, A3, and A4. These updated tables include details of the updated water supply development (WSD), water resource development (WRD), and water conservation (WC) projects, respectively, included in this addendum.

Table A2 appends the list of WSD projects to include an updated total of 60 projects with a total estimated benefit from these projects of 97 million gallons per day (mgd) at a total capital cost of $1.3 billion.

Table A3 appends the list of WRD project options to include an updated total of 24 projects with a total estimated benefit of 84 mgd at a total capital cost of $1.9 billion. This list includes the Water First North Florida project. Water First North Florida is a 40 mgd project that is currently in the planning phase. Reclaimed water from the JEA Buckman and Southwest Water Reclamation Facilities will be passed through a wetland treatment system to further reduce nutrients before being pumped to strategically located aquifer recharge site(s) in the region. Treatment wetland and recharge facility siting investigations are underway. Water First North Florida will provide regional recharge to the Floridan aquifer. In addition to these regional benefits, when fully implemented, this project has the potential to increase flows at Lower Santa Fe River at Hwy 441 near High Springs and the Ichetucknee River at Hwy 27 near Hildreth by up to 17 cfs and 14 cfs, respectively. The estimated construction cost for the project is $1.1 billion, not including land acquisition, easements, permitting or operation/maintenance

costs. The project will provide sufficient benefits to the LSFIR MFLs to offset the impacts from current and projected 2045 water use.

Table A4 appends the list of WC projects to include an updated total of 32 projects with a total estimated benefit from these projects of 36 mgd at a total capital cost of $83 million. This updated list includes the Florida Water Star Silver Plus conservation project. The Florida Water Star^{SM} (FWS) Silver certification program has been identified as a potential conservation program that would be beneficial in achieving the LSFIR MFLs. The FWS Silver certification program includes indoor, landscape, and irrigation requirements to reduce residential water consumption. Utilities have also been including an additional element to their FWS Silver certification program for outdoor use by limiting the provision of water for irrigation to the front and side yards only – FWS Silver Plus.

The Districts completed an assessment of the costs, water savings, and benefits of implementing these two programs for all new single-family, public supply customers in the Partnership area beginning in 2030. A FWS Silver certification program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 2.6% or 6.9 mgd at an increased construction cost of $1,400 per home when compared to traditionally built homes. The increased costs include indoor and outdoor BMPs and inspection costs. A FWS Silver Plus program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 6.3% or 17 mgd with an overall savings in home construction costs of $1,171 per home due to elimination of backyard irrigation system installation. Customers living in homes built to FWS Silver or Silver Plus standards could potentially save on average $360/year to $920/year in potable water and sewer costs.

Table A2. Water Supply Development Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)	
2017_19	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Brytan subdivision Reclaimed Water system expansion	GRU	This project includes expansion of reclaimed water distribution system pipelines in Brytan subdivision to offset use of potable water for irrigation. Related to Project No. 2023_28.	Proposed	2035	0.12	NA	$1.23	$0.003	$1.80	
2017_20	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Innovation District Reclaimed Water system expansion	GRU	This project consists of expansion of reclaimed water distribution system pipelines to offset use of potable water for industrial cooling and irrigation in the Innovation District as it develops. RCW comes from MSWRF (rather than from KWRF)	Proposed	2035	0.11	NA	$1.50	$0.004	$2.50	
2023_26	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	RCW Extension to Future University of Florida Golf Course	GRU	This project consists of an extension of RCW transmission and distribution to future UF Golf Course and includes upgrades to RCW pump station and RCW transmission backbone which is needed to support this project. Project site has not been identified.	Proposed	2026	0.70	NA	$1.80	$0.050	$0.67	
2017_23	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Reclaimed Water System Expansion into New Neighborhoods	GRU	This project consists of potential future expansion of RCW distribution system into new neighborhoods	Feasibility Review	2045	0.35	NA	$6.50	$0.01	$3.29	
2023_28	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	RCW Storage Tank & Pumping Upgrade	GRU	This project consists of a RCW storage tank needed to support buildout of Brytan and extension of RCW into future new neighborhoods. Conserved/AWS benefit nominally estimated at 500,000 gpd based on the approximate sum of the volume from the 2 projects this project supports (Brytan RCW Expansion + RCW Expansion to New Neighborhoods). Related to Project No. 2017_19.	Feasibility Review	2040	0.50	NA	$5.00	$0.005	$1.75	
2023_2	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Regional Reclaimed Storage Reservoir (build as 200MG)	CCUA	Reclaimed water storage - This project consists of creation of wet weather storage to be used during dry season peak demand. Conceptual project assumes one or more large storage ponds (60-200 MG) for seasonal storage of surplus reclaimed water (4 months) to meet peak demand shortages at a minimum of 1 mgd delivery from ponds.	Feasibility Review	2035	1.0 - 2.0	NA	$100.00	$0.183	NA	
2023_3	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed Storage Tanks	CCUA	Reclaimed distribution storage - This project consists of seven reclaimed ground storage tanks over five years (5.6 million gallons total). Additional reclaimed storage capacity will allow the utility to store more treated water during peak hours rather than discharging to surface waters. This will also reduce the use of augmentation well and maximize the use of RIBs.	Planning	2029	5.60	NA	$13.11	$0.23	NA	
2023_4	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed Transmission Optimization for Isolation Projects	CCUA	Transmission system optimization to maximize reuse delivery - This project consists of four projects that will install transmission pipelines to isolated transmission and distribution systems. In conjunction with the Reclaimed Storage Tanks and SCADA projects, this will allow the utility to store more treated water during peak hours rather than discharging to surface waters. This will also reduce the use of augmentation well and maximize the use of RIBs. The Transmission/SCADA/Storage tank suite of projects collectively will position CCUA from an approximately 70% reuse utility to nearly 100% reuse this decade. This represents 2-3 mgd of additional beneficial reuse by the end of the decade.	Planning	2025	2.0 - 3.0	NA	$8.51	$0.00	NA	
2017_27	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Lake Asbury Reclaimed Mains Expansion	CCUA	This project will expand the reclaimed distribution system with over six miles of new reclaimed distribution mains in the Lake Asbury Master Planned Area (LAMPA). The expansion is expected to serve the equivalent of an additional 8,800+ single family residences.	Design	2029	NA	NA	$8.51	$0.00	NA	
2017_23	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Peters Creek WRF, Ponds, Reclaimed Storage & Pipeline (formerly Green Cove Regional RW WTP)	CCUA	This project consists of a new 1.5 MGD AADF Advanced Nutrient Removal WRF producing public access quality reclaimed water, 1.5 MGD wet weather storage ponds, approximately 0.8 MGD onsite reclaimed augmentation, 0.5 MGD RIBs for alternate discharge, and reuse water transmission pipes from the PC WRF to the Governors Park service area. The Peters Creek and Governors Park Reclaimed facilities are expandable, and will ultimately serve approximately 50,000 ERCs at buildout. Related to Project No. 2023_5 and 2023_10.	Construction/Underway	2024	1.50	NA	$70.58	$1.91	$6.87	
2023_10	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Governor's Park Reclaimed Storage and Pumping	CCUA	This project consists of a new reclaimed distribution facility to serve the Governor's Park service area. The facility will include a 0.750 MG ground storage tank and high service pump station. The facility will receive water treated to reclaimed standards from the Peters Creek WRF. Related Project No. 2017_23	Construction/Underway	2024	0.75	NA	$5.37	$0.26	NA	
2023_11	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Saratoga Springs Reclaimed augmentation well, Storage and Pumping	CCUA	This project consists of a new reclaimed distribution facility to serve the Central Clay County service area. The facility will include a 0.750 MG ground storage tank, high service pump station, and an augmentation well. The facility will receive water treated to reclaimed standards from the CCUA Mid-Clay WRF.	Construction/Underway	2024	2.30	NA	$6.18	$0.81	$1.15	
2023_17	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed SCADA System Optimization	CCUA	This project will optimize use of reclaimed water system by use of SCADA and programming improvements to the reclaimed distribution system. These improvements will include operational changes and infrastructure additions (e.g. additional flow meters) to optimize the use of reclaimed water and reduce the use of water from augmentation wells.	Planning	2024	1.00	NA	$0.68	$0.00	$0.05	
2023_42	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	SEQ to Gate Parkway - Trans - New - R	JEA	This project will install 5,000 feet of 30" reclaimed water main to serve as a transmission pipeline.	Planning	2029	0.12	NA	$4.05	$0.001	$3.56	
2017_45	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Greenland Reclaimed Water Repump Facility - Storage Tank and Booster Pump Station	JEA	This project consists of 12.0 MG in storage tanks and high service pumps. Related to Project No. 2017_67 and 2023_31.	Complete	2025	12.00	NA	$40.00	$0.004	$0.40	
2017_49	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Ridenour WTP - Reclaimed Water Storage and Repump	JEA	This project consists of a 3.0 MG storage tank and high service pumps.	Construction/Underway	2026	3.00	NA	$17.15	$0.004	$0.69	
2017_55	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Davis - Gate Pkwy to RG Skinner - Reclaimed Water System Expansion	JEA	This project will install 13,700 feet of 30" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2025	0.12	NA	$14.95	$0.001	$13.39	
2017_62	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Monument Rd - Arlington East WRF to St Johns Bluff Rd - Reclaimed Water System Expansion	JEA	This project will install 7,900 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2023_29	Planning	2028	0.06	NA	$12.98	$0.001	$17.86	
2023_33	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	SWDE - Arlington East WRF – Reclaimed Water and Disinfection System Upgrades	JEA	This project will increase the reclaimed water production capacity from 8 to 25 mgd at the SWDE-Arlington East WRF. Related to Project No. 2023_39.	Design	2029	17.00	NA	$186.78	$0.004	$1.15	
2017_67	NA	SJRWMD	Duval/St. Johns	Reclaimed Water (for potable offset)	US 1 - Greenland WRF to CR 210 - Reclaimed Water System Expansion	JEA	This project will install 30,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_45 and 2023_31.	Complete	2024	0.06	NA	$23.63	$0.001	$59.89	
2017_76	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	Nassau Area - Radio Av - Reclaimed Water Storage Tank and Booster Pump Station	JEA	This project consists of a 1.5 MG storage tank and 1,000 gpm high service pumps.	Complete	2024	1.44	NA	$7.36	$0.005	$0.61	

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)	
2017_77	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	Nassau Regional WRF - Expansion to 3 MGD	JEA	This WRF capacity expansion includes 1.0 MG storage tank, 1,500 gpm high service pumps, and high level UV disinfection (estimated cost is for the RW component, not the WRF expansion). Related to Project No. 2023_35.	Complete	2025	2.16	NA	$10.00	$0.020	$0.57	
2023_35	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	JP - Nassau - Chester Rd - David Hallman to Pages Dairy Rd - R	JEA	This project will install 1,700 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_77.	Construction/Underway	2025	0.06	NA	$1.81	$0.001	$2.66	
2023_36	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	SR200 - William Burgess Blvd to Police Lodge Rd - Trans - R	JEA	This project will install 14,250 feet of 16" reclaimed water main to serve as a transmission pipeline.	Complete	2023	0.04	NA	$5.58	$0.001	$18.60	
2017_87	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	RiverTown WTP - New Storage and Pumping System	JEA	This project consists of a 2.0 MG storage tank and high service pumps.	Planning	2028	2.00	NA	$20.02	$0.002	$0.71	
2023_31	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Twin Creeks Reclaimed Water Storage Tank and Booster Pump Station	JEA	This project consists of a 2.0 Mgal storage tank and high service pumps. Related to Project No's 2017_45 and 2017_67.	Complete	2024	2.00	NA	$8.86	$0.002	$0.54	
2017_89	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - Longleaf Pine Pkwy to Shearwater - Reclaimed Water System Expansion	JEA	This project will Install 13,500 feet of 24" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2026	0.16	NA	$9.06	$0.001	$4.63	
2023_32	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - South Hampton to Shearwater - Trans - Reclaimed Water System Expansion	JEA	This project will install 7,400 feet of 24" and 12" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2026	0.02	NA	$8.93	$0.001	$17.85	
2017_93	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - Twin Creeks to Russell Sampson Rd - Reclaimed Water System Expansion	JEA	This project will install 12,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_14.	Planning	2031	0.06	NA	$7.63	$0.001	$13.56	
2017_94	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Greenbriar Rd - Longleaf Pine Pkwy to Spring Haven Dr - Reclaimed Water System Expansion	JEA	This project will install 13,500 feet of 20" reclaimed water main to serve as a transmission pipeline	Design	2027	0.06	NA	$5.99	$0.001	$14.54	
2017_104	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Russell Sampson Rd - St. Johns Pkwy to CR210 - Reclaimed Water System Expansion	JEA	This project will install 12,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_93.	Planning	2031	0.06	NA	$4.27	$0.001	$7.60	
2023_37	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Blacks Ford WRF - Expansion from 6 to 12 mgd	JEA	This project will add 6 MG of storage and pumping. Related to Project No. 2023_43.	Design	2030	6.00	NA	$30.00	$0.004	$0.88	
2023_38	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Nocatee North - Reclaim Water Storage Tank	JEA	This project will construct a new 3.5 MG storage tank.	Design	2027	3.50	NA	$10.31	$0.001	$17.11	
2023_43	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Blacksford WRF to Veterans Pkwy – Trans – RW	JEA	This project will install 11,000 feet of 24" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2023_27.	Design	2027	0.08	NA	$5.00	$0.001	$6.86	
2017_109	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR 2209 Corridor Reclaimed Water System Expansion	SJCUD	Construction of aproximately 12,700 feet of 20" reuse main along the future County Road 2209 in two segments. The first segment is to connect to existing infrastructure between SR 16 and International Golf Parkway. The Second Segment runs from the NW WRF Facility north to connect to the existing Reuse main in Silverleaf. Project helps faciilltate SB 64 goals to interconnect reclaimed water systems. Project will reduce the discharge from the Northwest Wastewater Treatment Plant to Mill Creek, a tributary of Six Mile Creek and the lower St. Johns River.	Construction/Underway	2025	0.57	NA	$4.00	$0.780	$0.50	
2023_45	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR 16 Corridor Reuse Transmission Main Expansion	SJCUD	Project to replace approximately 6.7 miles of existing 8-inch reuse main with a new 16-inch and 20-inch reuse main along State Rd 16 to facilitate transmission of reuse water between the SR 16 WRF and the NW WRF grids. Project will facilitate full scale interconnectivity of SR 16 WRF reclaimed system to NW WRF and SR 207 WRF reclaimed grids. Project increases capacity to serve developments along the route.	Construction/Underway	2027	1.00	NA	$22.70	TBD	$1.65	
2023_46	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	NW WRF Re-Rate Project (3.0 mdg to 3.75 mgd)	SJCUD	Installation of Reuse infrastructure including Filtration, Transmission Infrastructure, Storage, Booster Pumps, and Augmentation sources which will be installed in various phases of the development. Project supplies reclaimed water to Northwest Service area and Silverleaf DRI.	Design	2027	2.25	NA	$15.00	TBD	$0.97	
2023_51	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	NW WRF Expansion (3.75 mgd to 7.5 mgd)	SJCUD	Expansion of NW WRF from 3.75 MGD to 7.5 MGD.	Planning	2030	5.75	NA	$122.00	TBD	$2.82	
2017_129	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	New SR 207 WRF	SJCUD	Construct new 3.25 MGD SR 207 WRF with the intent to provide 100% reclaimed water to nearby new developments and the NW/SR16 grid. Project creates a hub for reclaimed water service to comply with SB 64.	Construction/Underway	2026	2.75	NA	$161.00	TBD	$7.75	
2023_47	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR 207 WRF Reuse Transmission Mains, Ground Storage Tank and Pump Station.	SJCUD	Construction of approximately 8 miles of reuse transmission main (24"/20") 2MG Reuse GST and booster pump station to connect, the new SR 207 WRF to the NW and SR 16 reuse grids. Project is required to comply with SB 64.	Construction/Underway	2026	2.00	NA	$40.00	TBD	$9.48	
197	SRWS00032C	SRWMD	Alachua	Reclaimed Water (for potable offset)	Oakmont Subdivision Reclaimed Water System Expansion	GRU	Expansion of reclaimed water distribution system pipelines in Oakmont Subdivision to offset use of potable water for irrigation. Includes additional transmission and storage/pumping facilities to facilitate addition of groundwater recharge wetlands. This project includes all phases of the Oakmont Subdivision project.	Design	2033	0.40	NA	$8.40	$0.103	$3.00	
2101	SRWS0016A	SRWMD	Columbia	Reclaimed Water (for potable offset)	North Florida Mega Industrial Park	Columbia County	Retrofit proposed WWTF to meet AWT for future Public Access Reuse (PAR)	Complete	2025	0.25	NA	$27.00	$0.50	$17.27	
1729	SRWS00151B	SRWMD	Suwannee	Reclaimed Water (for potable offset)	Live Oak Reuse	Live Oak, City of	Construct extensions to the Live Oak wastewater collection infrastructure which will provide additional reuse.	Construction/Underway	2026	0.01	NA	$3.24	$0.008	$37.47	
296	SRWS00141A	SRWMD	Union	Reclaimed Water (for potable offset)	Lake Butler Wastewater Treatment Facility AWT Upgrade Phase 1	Lake Butler, City of	Funding for this Phase I will complete a feasibility study, design, and permitting for construction of an AWTF, storage surge tank, and wetland that will ultimately be used to construct a new 1.0 MGD WWTF to AWT treatment standards over three phases.	Construction/Underway	2026	1.00	NA	$3.40	$0.800	$2.52	
2023_7	NA	SJRWMD	Clay	Stormwater	Onsite Stormwater Harvesting at WRFs	CCUA	This project will augment the reclaimed water supply by harvesting stormwater from CCUA WRFs with existing stormwater retention ponds - Fleming Island, Mid-Clay, Miller Street, Ridaught and Spencers Crossing. Harvested stormwater would be pumped to the onsite facility and treated to public access reuse standards before being distributed into the reclaimed system.	Planning	2026	0.24	NA	$2.90	$0.026	$1.11	
2023_5	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Peters Creek-Governor's Park Shallow Aquifer Augmentation of Reclaimed Water Supply -	CCUA	This project will utilize SAS ground water and recovered Rapid Infiltration Basin (RIB) water to augment the reclaimed supply, particularly during peak demand months. Construction of SAS wells near RIBs at Peters Creek Water Reclamation Facility (PCWRF), and along the approximately 7 mile transmission pipeline between Peters Creek and Governor's Park reclaimed storage and pumping sites. Raw water will be disinfected and added to the reclaimed storage tanks or along the reclaimed transmission line. Related to Project 2017_23.	Feasibility Review	2032	2.20	NA	$13.60	$0.33	$0.83	

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)	
2023_13	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Peters Creek WTP & Production Well # 3 -2.02 MGD Expansion	CCUA	This project consists of an expansion of the Peters Creek potable water distribution facility which uses the SAS. A new 1,400 gpm well, 1.25 MG ground storage tank and related appurtenances will be added.	Permitted	2027	2.02	NA	$4.60	$0.71	$1.12	
2023_14	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Pier Station WTP Expansion	CCUA	This project consists of a an expansion of the Pier Station potable WTP as growth in area occurs. This WTP uses the SAS as its source water.	Planning	2026	0.25	NA	$2.70	$0.09	$1.70	
2023_15	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Governor's Park WTP	CCUA	This project consists of a new potable water treatment and distribution facility to serve the Governor's Park service area. The facility will include two new dual zone (SAS and IAS), 1,770 gpm wells, a 0.500 MG ground storage tank, high service pump station and related appurtenances.	Design	2025	0.50	NA	$9.00	$0.18	$2.20	
2023_50	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	AI WWTP Reclaimed Process Improvements and AI WWTP to Mainland SB64 Reclaimed Grid Transmission	SJCUD	Upgrade treatment process to supply 100% public-access reuse and construct reclaimed water transmission from AI WWTP to SR 16 WRF.	Planning	2032	2.00	NA	$58.00	TBD	$3.85	
2017_117	NA	SJRWMD	St. Johns	Wellfield Optimization	CR 214 Water Blending Station (NW to Mainland PWS 2 MGD Transfer)	SJCUD	This project will improve water quality to the CR 214 WTP site by conditioning of the water transferred from the NW Grid that is blended and distributed into the Mainland Water System. Project helps to meet growing demands and helps sustain water quality in the Tillman Ridge Wellfield. Phase I for a 1 mgd Blending Station is complete. Phase II to transfer 2 mgd of flow facilitated by CR 208 Booster and NW WTP PhB expansion is in progress.	Complete	2025	0.00	NA	$10.47	TBD	$0.74	
2025_3	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Beacon Lake Potable to Reuse Conversion	SJCUD	The Beacon Lake subdivision has 988 connections (981 single-family, 5 commercial, and 2 common areas) that are currently plumbed from the potable water services for irrigation. This project will be to hire a contractor to re-plumb the irrigation piping to connect the reuse mains to reuse meters and the existing irrigation systems.	Construction/Underway	2025	0.30	NA	$0.50	TBD	$0.32	
2025_4	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Bannon Lakes GST No. 2 and HSP Upgrades	SJCUD	Construct expansion the Bannon Lakes facility to include a second 2.0 MG GST and upgrade the high service pump station. This project will be development driven to meet the demands east of I-95.	Planning	2032	0.50	NA	$3.50	TBD	$0.96	
2025_5	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Reclaimed Water Augmentation Projects	SJCUD	Construct reclaimed water augmentation to support the growing reclaimed water system water balance during peak demands.	Planning	2035	0.50	NA	$39.50	TBD	$9.81	
2025_6	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Silverleaf 2209 Reclaimed Water GST and BPS	SJCUD	Construct 2.0 MG Reuse GST and Pump Station on CR2209 to serve the Silverleaf DRI peak demands.	Design	2027	0.60		$10.00	TBD	$2.24	
2025_7	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Silverleaf Reuse Automated Valve System	SJCUD	Construct control valves to manage an irrigation schedule throughout the Silverleaf DRI to manage peak demands and maximize the capacity of the reuse infrastructure.	Planning	2029	0.00	NA	$4.50	TBD	$0.42	
2025_8	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR207 WRF Reuse Transmission Expansion	SJCUD	Construct additional transmission between the SR207 WRF wellfield BPS and the NW service area.	Planning	2032	1.10	NA	$10.10	TBD	$1.00	
2025_9	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Marsh Landing WRF to Players Club WRF Sewer Diversion	SJCUD	This project will install ± 11,200 LF of 10" PVC and 12" HDPE sewer force main along A1A between Deleon Shores #1 Pump Station and Vikar's Landing. This project will divert approximately 300,000 gpd from Marsh Landing WWTP to Players Club WRF and will allow Marsh Landing to reduce effluent for improved compliance with the Limited Wet Weather discharge requirements for the facility, and allow maintenance and improvements to be performed at the existing facility.	Construction/Underway	2026	0.30	NA	$3.80	TBD	$1.41	
2025_10	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	JEA H2.0 Purification Demonstration Facility	JEA	The project includes the construction of a water purification demonstration facility to further purify reclaimed water to drinking water quality. The estimated alternative water supply benefit is 1 mgd.	Construction/Underway	2025	1.00	NA	$34.21	TBD	TBD	
2025_11	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	JEA US 1 Greenland WRF to CR 210 Transmission Main	JEA	The project includes installation of a reclaimed water main along US 1 to serve the Nocatee and Twin Creeks areas. The estimated alternative water supply benefit is 2.1 mgd. The project also provides an estimated nutrient load reduction water quality benefit to the Lower St. Johns River of 57,595 lbs/yr TN and 18,419 lbs/yr TP.	Complete	2024	2.10	NA	$19.61	TBD	TBD	
Total										**96.53**	**0.00**	**$1,297.06**	**$7.05**	**$332.85**	

*The estimated benefits for project 2023_2 and 2023_4 were assumed to be 1.5 mgd and 2.5 mgd, respectively, for the purposes of calculating total benefits across all projects.

Table A3. Water Resource Development Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
304	SRWS00156A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Data Collection and Evaluation	Alternative Water Supply Feasibility Studies	Local Governments, Water Authorities, Wastewater Treatment Facilities	Conduct AWTF analysis and feasibility studies including treatment wetlands and reclaimed water alternatives.	Construction/Underway	2025	0.00	NA	$4.00	NA	NA
2023_52	NA	SJRWMD	Alachua	Groundwater Recharge	GRU KWRF RCW Pump station and Transmission Backbone Improvement	GRU	The Transmission Backbone Improvement project is a necessary component to increase capacity of the KWRF RCW pumping station and transmission pipeline to 8 mgd in order to support Project No. 2023_20 GW Recharge Wetland Phase 2 (2 mgd) , Project No. 2023_26 RCW Extension to Future UF Golf Course (1 mgd), and Project No. 2023_21 Future GW Recharge Wetlands (5 mgd). The actual benefit for this project is shown as 0.0 mgd, since the benefit to the water resources is reflected in the related projects as noted above. Unit production costs for this project were calculated based on the 8 mgd of transmission volume.	Planning	2030	0.00	NA	$3.00	$0.23	$0.14
2023_20	NA	SJRWMD	Alachua	Groundwater Recharge	Groundwater Recharge Wetland Phase 2	GRU	This project consists of Phase 2 of the recharge wetland using RCW from Kanapaha WRF on the 75 ac site that was purchased in Phase 1. RCW Pump Station and Transmission Backbone Improvement needed to support this project. Related to Project No. 293	Planning	2034	2.00	NA	$5.00	$0.10	$0.59
2023_21	NA	SJRWMD	Alachua	Groundwater Recharge	Future Groundwater Recharge Project	GRU	This project will recharge groundwater using RCW. Project site not identified. May be co-located with UF Golf Course. RCW Pump Station and Transmission Backbone Improvement needed to support this project.	Feasibility Review	2040	5.00	NA	$20.00	$0.30	$0.88
2017_195	NA	SJRWMD	Clay	Groundwater Recharge	Black Creek WRD Project	SJRWMD / JEA, CCUA, SJCUD, GRU and other local cooperators	The primary goal of the Black Creek Water Resource Development Project is to increase recharge to the UFA in northeast Florida using excess flow from Black Creek. The project will divert up to 10 mgd from the South Fork of Black Creek during wet weather high flow periods. Diversions will only be made when there is sufficient flow available to ensure the protection of natural resources within the creek. The water will be pumped through a transmission system before eventually discharging into Alligator Creek. Alligator Creek flows into Lake Brooklyn, which will increase recharge to the UFA through the lake bottom.	Construction/Underway	2024	8.04	NA	$100.00	$5.00	$2.90
2023_9	NA	SJRWMD	Clay	Groundwater Recharge	Keystone WWTP and RIB Expansion	CCUA	This project consists of a new or expanded groundwater recharge plant in the Keystone Heights capable of treating up to 0.300 mgd of increasing wastewater flows from residential, commercial, and industrial wastewater.	Feasibility Review	2027	0.30	NA	$11.10	$0.38	$6.01
59	SRWS00076A	SRWMD	Alachua	Groundwater Recharge	Infiltrative Wetlands for WWTF Effluent Treatment Disposal	City of High Springs	Convert the City of High Springs existing sprayfield into infiltrative wetlands.	Construction/Underway	2025	0.48	NA	$12.35	$1.20	$9.66
293	SRWS00129B	SRWMD	Alachua	Groundwater Recharge	Groundwater Recharge Wetland Phase 1 (Southwest Nature Park)	GRU	This project consists of Phase 1 of constructing a groundwater recharge wetland using RCW from Kanapaha WRF on 75-acre site. Related to Project No. 2023_20.	Design	2026	3.00	NA	$16.00	$0.20	$1.13
409	SRWS00179A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Ecosystem Services	SRWMD	This project will focus on establishing a framework to implement silvicultural management practices on forested lands to benefit the NFRWSP and additional areas benefitting OFS. Reducing forest evapotranspiration (ET) will result in increased aquifer recharge (targeted to the UFA), spring flows, and water yield to nearby streams and wetlands.	Proposed	2045	9.00	NA	$54.00	TBD	TBD
3034	SRWS00190A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Upper Santa Fe Stormwater Capture Project	SRWMD	This project will evaluate methods to enhance the beneficial use of stormwater. A series of studies are underway to provide storage and recharge options to support LSFRB Recovery Strategy. Linked to conceptual projects 358, 359, 360, 361, 362, 364, 367, 372, 375, 378, 425, 456, 141, 453, 133	Proposed	2045	2.50	NA	$35.00	TBD	TBD
139	SRWS00092A	SRWMD	Bradford	Groundwater Recharge	Brooks Sink Ph II	SRWMD	Redirect flow to a natural sink.	Proposed	2045	0.20	NA	$0.50	$0.05	$0.05
2675	SRWS00185A	SRWMD	Columbia	Groundwater Recharge	Lake City Recharge wetland expansion	Lake City, City of	Convert the Steedly sprayfield to a created treatment wetland to reduce nutrients and provide recharge	Construction/Underway	2026	0.23	NA	$9.90	$0.025	$5.89
1739	SRWS00149A	SRWMD	Gilchrist County	Groundwater Recharge	Devil's Ear Spring Recharge Land Acquisition Project	FWC	Less-than-fee simple acquisition (conservation easement) of approximately 2,742 acres within the Devil's Ear Spring (OFS) PFA under the Santa Fe River Basin Management Action Plan. This property accounts for about 2% of the total acreage of the Devil's Complex PFA. Approximately 75% of the property is considered to have high recharge value with the remaining portion of the property being either medium-high or low-medium. The project consists of seven individual parcels in Gilchrist County owned by one individual and all required pre-acquisition costs to complete transactions. Currently the property is used for timber and once acquired the conservation easement will be monitored by FWC.	Design	2026	0.00	NA	$5.26	TBD	TBD
255	SRWS00147A	SRWMD	Hamilton	Groundwater Recharge	Hamilton County Aquifer Recharge Replacement Wells and Water Quality Improvement	SRWMD	This project concept is to replace two 12-inch drainage wells to provide recharge to the UFA and flood protection in the Alapaha Basin. The wells would allow up to 2 MGD of natural aquifer recharge to the Upper Floridan aquifer and the potential for increased recharge contribution in the form of alternative water supplies from the City of Jasper and surrounding communities. Positive flows into the wells will provide a benefit to springs Along the Upper Suwannee River.	Proposed	2045	2.00	NA	$0.70	$0.003	$0.05
2023_6	NA	SJRWMD	Clay	Indirect Potable Reuse	Indirect Potable Reuse	CCUA	This project consists of an IPR Plant including recharge wells (1 mgd). Reclaimed water will be treated to potable standards, and used to directly recharge the UFA (IPR). This project is related to a demonstration project (Project No.2023_8).	Feasibility Review	2038	1.00	NA	$2.25	$1.16	$4.73
2023_39	NA	SJRWMD	Duval	Indirect Potable Reuse	SWDE - Arlington East WRF Purification Facility	JEA	This project consists of a 6.0 mgd water purification facility (capacity conceptual, subject to change) and UFA Recharge Wells. Discharge will be used to replenish the aquifer. Related to Project No. 2023_33.	Design	2031	6.00	NA	$184.00	$0.019	$8.33
2023_41	NA	SJRWMD	Duval	Indirect Potable Reuse	SWDE - Cedar Bay Purification Facility	JEA	This project consists of a 2.4 mgd water purification facility (capacity conceptual, subject to change) and UFA Rechage Wells. Discharge will be used to replenish the aquifer.	Planning	2036	2.40	NA	$235.00	$0.008	$14.80

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
365	SRWS00164A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Stormwater	Dispersed Storage for Recharge and Alternative Water Supply	SRWMD	This project will evaluate methods to enhance the beneficial use of stormwater with a focus on retrofitting and enhancing stormwater management systems. This beneficial use could be in the form of enhanced recharge and/or implementation of storm ponds or other storage as an alternative water supply. The primary benefit will be capturing more stormwater as beneficial recharge and reducing runoff. In some cases, stormwater may also serve as an available water source for an alternative water supply. (Linked from results of 360).	Construction/Underway	2027	NA	3.00	$2.10	TBD	TBD
1738	SRWS00180A	SRWMD	Columbia	Stormwater	Quail Heights Regional Pond	FDOT/Columbia County	Construction of a regional stormwater pond near I-75 and SR247 interchange to alleviate flooding and benefit Cannon Creek and the Ichetucknee Trace.	Construction/Underway	2026	0.03	NA	$8.95	$0.001	$35.60
2023_8	NA	SJRWMD	Clay	Technology Evaluation	Mid-Clay WRF Potable Reuse Pilot Demonstration	CCUA	This is a pilot-scale potable reuse demonstration project. A reuse demonstration facility is being constructed at the Mid-Clay WRF. The technology train will be BAF/O3, and will not produce a brine or reject stream needing disposal. Instead, BAF/O3 will produce filter backwash that will go back through plant headworks. CCUA will use the facility to demonstrate the quality of water that can be produced (permitting driver), for operator training, and for public engagement. Related to Project No. 2023_6.	Construction/Underway	2024	NA	NA	$4.54	$0.90	NA
2023_30	NA	SJRWMD	Duval	Technology Evaluation	Water Purification Demonstration Facility (previously named Water Treatment Pilot/Demonstration Phase 1 and 2)	JEA	This project is a purified water pilot and demonstration project.	Construction/Underway	2026	1.00	NA	$77.40	$0.003	$12.75
2023_49	NA	SJRWMD	Duval	Technology Evaluation	JEA Ozone-Wetland Treatment Pilot Testing	JEA / SJRWMD / DEP	SJRWMD is collaborating with JEA and FDEP on a pilot study project utilizing water from JEA's Buckman wastewater treatment facility (WWTF) to evaluate the potential for future use of Buckman effluent for UFA recharge and/or alternative water supply. The Buckman wastewater influent contains wastewater discharges from a significant number of industrial customers. Prior to implementing a project for treating Buckman WWTF effluent as a supply for aquifer recharge, a pilot study is necessary to determine if pre-treatment with ozone is effective in breaking down industrial chemicals sufficiently to facilitate assimilation of the organic contaminants in the treatment wetland. The pilot study will be conducted over a two-year period following construction of the pilot wetland basins and appurtenant pilot components. A minimum of 6 months will be required to allow the wetland plants establish. Cost to design/permit/construct $4.2M and 2.825 for monitoring/sampling/lab analysis/report. The project will begin design and permitting by October 1, 2023.	Construction/Underway	2028	NA	NA	$7.27	NA	NA
3341	NA	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Stormwater	Groundwater Augmentation through Surficial Features	SRWMD	Implementation of recharge through karst and surface water features to benefit the MFLs. Including debris removal from existing sinkholes and stormwater management to augment recharge during storm or high flow events. Linked to conceptual projects 426, 428, 427, 432, 433	Design	2027	1.00	NA	$0.50	TBD	$0.07
2025_1	NA	SJRWMD	Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Gilchrist, Hamilton, Nassau, Putnam, St. Johns, Suwannee, Union	Groundwater Recharge	Water First North Florida	SJRWMD, SRWMD, DEP, JEA, CCUA, SJCUD, GRU, and other local cooperators	Reclaimed water from the JEA Buckman and Southwest Water Reclamation Facilities will be passed through a wetland treatment system to further reduce nutrients before being pumped to strategically located aquifer recharge site(s) in the region. A treatment wetland and recharge facility siting investigation are underway. Water First North Florida will provide regional recharge to the Floridan aquifer.	Planning	2045	40.00	NA	$1,100.00	TBD	NA
Total										**84.18**	**3.00**	**$1,898.82**	**$9.58**	**$103.58**

Table A4. Water Conservation Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
2760	SRWS00187A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agriculture Springs Protection	Producers	District wide Cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs.	Construction/Underway	2027	3.00	NA	$3.75	TBD	TBD
103	SRWS00082A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Sustainable Suwannee Ag Pilot Program - Low Input*	FDEP	Pilot program for agricultural operations, landowners, counties and cities, private companies, and other entities within specific geographical areas to submit proposals to reduce water use and improve water quality by reducing and removing nutrients	Construction/Underway	2026	2.55	NA	$2.50	TBD	TBD
228	SRWS00108B	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Accelerating Suwannee River Restoration and Silviculture Management	ACT; Rayonier Conservation Trust	Incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Middle Suwannee springshed.	Construction/Underway	2026	3.03	NA	$2.38	TBD	TBD
2093	SRWS00159A	SRWMD	Columbia	Agricultural Conservation	Graham Farm Acquisition	ACT	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes. Remove agricultural irrigation well.	Construction/Underway	2026	0.29	NA	$1.80	$0.005	$1.99
2673	SRWS00184A	SRWMD	Gilchrist	Agricultural Conservation	Piedmont Dairy Conversion	Alliance Grazing Group, LLP	Conversion from grazing to free-stall barns to reduce nutrients and groundwater pumping	Complete	2025	0.45	NA	$5.59	$0.60	$5.50
2967	SRWS00188A	SRWMD	Gilchrist	Agricultural Conservation	Smart Soakers	UF/IFAS	Reduce water usage through the use of Smart soaker for cattle cooling.	Construction/Underway	2026	0.04	NA	$0.49	$0.003	$18.75
2023_22	NA	SJRWMD	Alachua	PS and CII Conservation	Advanced Metering Infrastructure (AMI)	GRU	This project will replace existing meters with smart meters that can help detect leaks on the customers side of the meter, while also replacing service laterals that are made of polybutylene which are prone to leaking.	Construction/Underway	2025	1.00	NA	$16.40	$0.20	$3.45
2023_23	NA	SJRWMD	Alachua	PS and CII Conservation	Large meter replacement	GRU	This project will replace existing large meters with more accurate new meters. Greater accuracy will promote conservation.	Construction/Underway	2025	0.09	NA	$0.40	$0.00	$0.81
2023_24	NA	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Phase 2	GRU	This project is Phase 2 of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units.	Design	2025	0.04	NA	$0.11	$0.00	$0.43
2023_25	NA	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Future Phases	GRU	This project is a future phase of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units	Proposed	2035	0.13	NA	$0.32	$0.00	$0.43
2017_142	NA	SJRWMD	Alachua	PS and CII Conservation	Future GRU Water Conservation Projects	GRU	This future project will Implement cost effective projects that may include but are not limited to public education, advanced metering, indoor plumbing retrofit, commercial water efficiency programs and outdoor irrigation efficiency programs.	Feasibility Review	2035	0.80	NA	$2.00	$0.00	$0.40
2023_16	NA	SJRWMD	Clay	PS and CII Conservation	Advanced Metering with Customer Dashboard	CCUA	This project will provide customers with water savings tools by expanding the capabilities of its existing Advanced Metering Infrastructure to increase the savings realized through customer-side notifications of excessive or abnormal water use. Customers will be able to view water use in short term intervals, and the automated system will alert users the same day they occur. Customers can also gain insight into water use patterns and behaviors which can result in reductions in water use. The project is being performed in as part of a major ERP platform upgrade.	Construction/Underway	2024	0.45	NA	$0.75	$0.025	$0.27
2023_18	NA	SJRWMD	Clay	PS and CII Conservation	Customer DSM Programs (take midpoint or water prod)	CCUA	This project is a Demand Side Management Programs Composite in which CCUA has identified a number of demand side management programs that can reduce potable and reclaimed usage. These programs will be adding the DSM portfolio over the next decade. Costs and water savings from these programs occur over the entire life of the program. Programs may include single family high efficiency toilet rebates, high efficiency clothes washer rebates, commercial ice machine and restaurant pre-rinse spray valve rebates, smart irrigation controller rebates, and new development turf reduction ordinance.	Feasibility Review	2033	1.27	NA	$1.59	$0.00	$0.37
2017_174	NA	SJRWMD	St. Johns	PS and CII Conservation	Promote Cost-Effective Conservation Programs	SJCUD	Reducing demands from existing water uses through investments in conservation is possible. Previous studies have determined that the most cost-effective and practical conservation best management practices (BMPs) can include retrofits to indoor and outdoor fixtures, improved customer education, irrigation efficiency programs, and utilizing soil moisture sensing devices to reduce irrigation demands.	Construction/Underway	2045	0.19	NA	$0.00	$0.18	$0.00
2023_44	NA	SJRWMD	St. Johns	PS and CII Conservation	NW Wellfield VFD addition	SJCUD	This project is part of the effort to optimize operation of the Northwest Well Field in accordance with SJCUD's Wellfield Optimization Plan. Phase I of this project will install VFD pump controls on new wells as part of the current expansion project. Phase II will retro-fit existing wells. Assumes a 20% supply benefit.	Construction/Underway	2025	1.55	NA	$1.00	TBD	$0.24
2023_53	NA	SJRWMD	Alachua	PS and CII Conservation	Water Main Replacement, Phase 4	Hawthorne	This project is Phase 4 and 5 of a city-wide water distribution system replacement effort by the City. All phases have been designed, and Phase 1-3 & 5 have been constructed. The remaining portions of the water distribution system consists mostly of approximately 16,600 linear feet of cast iron and galvanized steel pipe that is over 60 years old and has exceeded its useful life. Project completion will conserve precious water resources by significantly reducing water losses and need for frequent flushing.	Construction/Underway	TBD	0.01	NA	$3.27	$0.005	$37.19
2680	SRWS00186A	SRWMD	Alachua	PS and CII Conservation	Archer Water System Improvements	Archer, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	2027	0.00	NA	$4.80	$0.005	$268.79
2671	SRWS00183A	SRWMD	Alachua	PS and CII Conservation	Reducing Impacts from Urban Landscapes	Alachua County EPD	Reduction of water use in landscape irrigation in the NFRWSP area.	Construction/Underway	2027	0.07	NA	$0.45	$0.009	$1.46
2669	SRWS00182A	SRWMD	Alachua	PS and CII Conservation	DH/DHR water sharing	GRU	Reduce groundwater pumping by connecting a shared water system at the GRU power plants to conserve water	Complete	2025	0.20	NA	$0.93	$0.007	$0.70
2672	SRWS00201A	SRWMD	Alachua	PS and CII Conservation	High Springs Limerock Mine	Alachua County	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes.	Construction/Underway	2026	0.01	NA	$1.60	$0.014	$17.58
305	SRWS00158A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	PS and CII Conservation	Water Supply Infrastructure Improvements	Public Water Supply Entities	Includes replacement of aging infrastructure, distribution and safety improvements.	Proposed	2033	0.00	NA	$4.00	$0.04	NA
3033	SRWS00189A	SRWMD	Bradford	PS and CII Conservation	Hampton AMR water meter replacement	Hampton, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Complete	2023	0.01	NA	$0.18	$0.003	$28.97
2668	SRWS00181A	SRWMD	Bradford	PS and CII Conservation	Lawtey Water Main Replacement	Lawtey, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	2026	0.02	NA	$2.80	$0.06	$23.50

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
NA	NA	SRWMD	Bradford	PS and CII Conservation	Waldo AMR water meter replacement	Waldo, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Proposed	2027	0.01	NA	$0.20	$0.005	$4.88
458	NA	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agriculture Springs Protection Phase II	Producers	District wide Cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs.	Planned	2031	2.00	NA	$7.50	TBD	TBD
2025_12	NA	SJRWMD	Duval	PS and CII Conservation	JEA Demand-Side Management Conservation Program	JEA	The water conservation program includes rebates for high efficiency toilets, clothes washers, dishwashers and smart irrigation tools for homeowners. It also includes incentives to commercial customers for implementing the Green Restaurant program, retrofitting ice machines, and cooling tower cost-sharing. The estimated water conservation benefit is 1.5 mgd.	Construction/Underway	2025	1.50	NA	$10.95	TBD	TBD
2025_13	NA	SJRWMD	Putnam	PS and CII Conservation	Interlachen Water Supply System Improvements: Phase 4	Town of Interlachen	This project includes upgrades to a water distribution supply system by replacing approximately 6,300 LF of aged, undersized, and leaking 1-inch, 1.5-inch, and 4-inch galvanized steel water mains with 6-inch and 8-inch polyvinyl chloride (PVC) water mains, along with new valves, fire hydrants, and water services. The estimated water conservation benefit is 0.012 mgd.	Complete	2024	0.01	NA	$1.09	TBD	TBD
2025_14	NA	SJRWMD	Putnam	PS and CII Conservation	Palatka Madison Street Water Main Improvements	City of Palatka	The project includes replacing approximately 1,981 LF of aged and failing cast iron pipe, within Palatka's central downtown area, with PVC to eliminate leaks and line breakage. The estimated water conservation benefit is 0.004 mgd.	Construction/Underway	2025	0.004	NA	$0.50	TBD	TBD
2025_15	NA	SJRWMD	Alachua	PS and CII Conservation	GRU Water Efficient Toilet Exchange Program	GRU	This project includes providing Gainesville Regional Utility (GRU) customers with high-efficient toilets in exchange for older, inefficient toilets through the GRU Water Efficient Toilet Exchange Program. The estimated water conservation benefit is 0.01 mgd.	Proposed	2045	0.010	NA	$0.11	TBD	TBD
2025_2	NA	SJRWMD & SRWMD	Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Gilchrist, Hamilton, Nassau, Putnam, St. Johns, Suwannee, Union	PS and CII Conservation	FWS Silver Plus Implementation	Public Water Supply Entities	Requiring FWS Silver Plus criteria on all new single-family homes on potable water with in-ground irrigation systems from 2030 to 2045.	Conceptual	2030	17.04	NA	$0.97	TBD	TBD
2025_16	NA	SJRWMD		PS and CII Conservation	Crescent City Prospect St Water Main Replacement	City of Crescent City	The project includes replacement of approximately 6,900 LF of aged and deteriorated distribution system piping, hydrants, and services on the city's Prospect Street and Florida Avenue. The estimated water conservation benefit is 0.01 mgd.	Construction/Underway	2025	0.010	NA	$1.73	TBD	TBD
2025_17	NA	DEP	All Counties	PS and CII Conservation	The Florida Water Loss Program	DEP	The Florida Water Loss Program (FWLP) is providing free water loss audit training and water loss control technical assistance to utilities throughout Florida. Building on the success of the previous statewide effort to tackle water loss, this enhanced program is designed for both new learners (those new to water auditing or loss control) and advanced learners (those with prior audit submissions through the program). What's being offered: Remote webcasts recapping the 2023-24 program highlights and an intro to offerings available; remote water audit validation sessions, in person workshops, and direct technical assistance. This program is currently available and will have funding through 2027.	Underway	2027	0.000	N/A	$3.20	N/A	N/A
Total										**35.77**	**0.00**	**$83.34**	**$1.16**	**$415.71**

BEFORE THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

IN RE:

2023 NORTH FLORIDA
REGIONAL WATER SUPPLY
PLAN (2020-2045 Planning Horizon)
_____/

ORDER NO. SJR 2025-____
SJRWMD F.O.R. No. 2013-17

ORDER APPROVING FIRST ADDENDUM TO THE 2023 NORTH FLORIDA REGIONAL WATER SUPPLY PLAN

THIS MATTER came before the Governing Board of the St. Johns River Water Management District ("District") on November 12, 2025. The Governing Board, having been fully advised of the matter, hereby approves the Order Approving First Addendum to the 2023 North Florida Regional Water Supply Plan with appendices (First Addendum to the 2023 NFRWSP), recognizing that the District's authority for water supply planning extends to water supply planning regions within the District's jurisdictional boundaries as established in section 373.069, F.S.

The First Addendum to the 2023 NFRWSP is attached hereto:

DONE and ORDERED by the Governing Board of the St. Johns River Water Management District on November 12, 2025.

ST. JOHNS RIVER WATER
MANAGEMENT DISTRICT

By: _____
Rob Bradley, Chair

(SEAL)

Attest:_____
J. Chris Peterson, Secretary

Filed November 12, 2025

_____
Courtney Waldron, District Clerk

2023 North Florida Regional Water Supply Plan (2020–2045)

First Addendum

St. Johns River Water Management District
Palatka, Florida

Suwannee River Water Management District
Live Oak, Florida

October 14, 2025

2023 North Florida Regional Water Supply Plan
First Addendum
October 14, 2025

The St. Johns River Water Management District (SJRWMD) and Suwannee River Water Management District (SRWMD) (collectively, the Districts) approved the 2023 North Florida Regional Water Supply Plan (2023 NFRWSP) in December 2023. Except as described below, this addendum incorporates by reference the 2023 NFRWSP. It has been prepared for the purposes of updating projects listed in Appendix K of the 2023 NFRWSP. The project descriptions for the updated water supply development, water resource development, and conservation projects are included in the updated Appendix K. The revised information contained within this addendum is essential in the Districts efforts to develop technical assistance documents for local governments to use in updating their comprehensive plans to address water supply issues, including the identification of alternative and traditional water supply projects necessary for meeting the water supply needs within their jurisdictions.

This first addendum appends the 2023 NFRWSP. Following are enumerated changes to the 2023 NFRWSP associated with this addendum.

Water supply development (WSD) projects: Appends the list of WSD projects, beginning on page 79 of the 2023 RWSP, to include an updated total of 60 projects with a total estimated benefit from these projects of 97 million gallons per day (mgd) at a total capital cost of $1.3 billion.

Water resource development (WRD) projects: Appends the list of WRD project options, beginning on page 82 of the 2023 RWSP, to include an updated total of 24 projects with a total estimated benefit of 84 mgd at a total capital cost of $1.9 billion. This list includes the Water First North Florida project. Water First North Florida is a 40 mgd project that is currently in the planning phase. Reclaimed water from the JEA Buckman and Southwest Water Reclamation Facilities will be passed through a wetland treatment system to further reduce nutrients before being pumped to strategically located aquifer recharge site(s) in the region. Treatment wetland and recharge facility siting investigations are underway. Water First North Florida will provide regional recharge to the Floridan aquifer. In addition to these regional benefits, when fully implemented, this project has the potential to increase flows at Lower Santa Fe River at Hwy 441 near High Springs and the Ichetucknee River at Hwy 27 near Hildreth by up to 17 cfs and 14 cfs, respectively. The estimated construction cost for the project is $1.1 billion, not including land acquisition, easements, permitting or operation/maintenance costs. The project will provide sufficient benefits to the LSFIR MFLs to offset the impacts from current and projected 2045 water use.

Water conservation (WC) project options: Appends the list of WC projects, beginning on page 87 of the 2023 RWSP, to include an updated total of 32 projects with a total estimated benefit from these projects of 36 mgd at a total capital cost of $83 million. This updated list includes the Florida Water Star Silver Plus project. The Florida Water Star^{SM} (FWS) Silver certification program has been identified as a potential conservation program that would be beneficial in achieving the LSFIR MFLs. The FWS Silver certification program includes indoor, landscape, and irrigation requirements to reduce residential water consumption. Utilities have also been including an additional element to their FWS Silver certification program for outdoor use by limiting the provision of water for irrigation to the front and side yards only – FWS Silver Plus.

The Districts completed an assessment of the costs, water savings, and benefits of implementing these two programs for all new single-family, public supply customers in the Partnership area beginning in 2030. A FWS Silver certification program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 2.6% or 6.9 mgd at an increased construction cost of $1,400 per home when compared to traditionally built homes. The increased costs include indoor and outdoor BMPs and inspection costs. A FWS Silver Plus program, at a 100% participation level, initiated in 2030 would reduce the 2045 public supply groundwater demand of 269.3 mgd by 6.3% or 17 mgd with an overall savings in home construction costs of $1,171 per home due to elimination of backyard irrigation system installation. Customers living in homes built to FWS Silver or Silver Plus standards could potentially save on average $360/year to $920/year in potable water and sewer costs.

Appendix K: Appends/replaces Tables K1, K2, and K3 in this appendix. These tables include details of the updated WSD, WRD, and WC projects, respectively, included in this addendum.

Table K1. Water Supply Development Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)	
2017_19	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Brytan subdivision Reclaimed Water system expansion	GRU	This project includes expansion of reclaimed water distribution system pipelines in Brytan subdivision to offset use of potable water for irrigation. Related to Project No. 2023_28.	Proposed	2035	0.12	NA	$1.23	$0.003	$1.80	
2017_20	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Innovation District Reclaimed Water system expansion	GRU	This project consists of expansion of reclaimed water distribution system pipelines to offset use of potable water for industrial cooling and irrigation in the Innovation District as it develops. RCW comes from MSWRF (rather than from KWRF)	Proposed	2035	0.11	NA	$1.50	$0.004	$2.50	
2023_26	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	RCW Extension to Future University of Florida Golf Course	GRU	This project consists of an extension of RCW transmission and distribution to future UF Golf Course and includes upgrades to RCW pump station and RCW transmission backbone which is needed to support this project. Project site has not been identified.	Proposed	2026	0.70	NA	$1.80	$0.050	$0.67	
2017_23	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	Reclaimed Water System Expansion into New Neighborhoods	GRU	This project consists of potential future expansion of RCW distribution system into new neighborhoods	Feasibility Review	2045	0.35	NA	$6.50	$0.01	$3.29	
2023_28	NA	SJRWMD	Alachua	Reclaimed Water (for potable offset)	RCW Storage Tank & Pumping Upgrade	GRU	This project consists of a RCW storage tank needed to support buildout of Brytan and extension of RCW into future new neighborhoods. Conserved/AWS benefit nominally estimated at 500,000 gpd based on the approximate sum of the volume from the 2 projects this project supports (Brytan RCW Expansion + RCW Expansion to New Neighborhoods). Related to Project No. 2017_19.	Feasibility Review	2040	0.50	NA	$5.00	$0.005	$1.75	
2023_2	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Regional Reclaimed Storage Reservoir (build as 200MG)	CCUA	Reclaimed water storage - This project consists of creation of wet weather storage to be used during dry season peak demand. Conceptual project assumes one or more large storage ponds (60-200 MG) for seasonal storage of surplus reclaimed water (4 months) to meet peak demand shortages at a minimum of 1 mgd delivery from ponds.	Feasibility Review	2035	1.0 - 2.0	NA	$100.00	$0.183	NA	
2023_3	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed Storage Tanks	CCUA	Reclaimed distribution storage - This project consists of seven reclaimed ground storage tanks over five years (5.6 million gallons total). Additional reclaimed storage capacity will allow the utility to store more treated water during peak hours rather than discharging to surface waters. This will also reduce the use of augmentation well and maximize the use of RIBs.	Planning	2029	5.60	NA	$13.11	$0.23	NA	
2023_4	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed Transmission Optimization for Isolation Projects	CCUA	Transmission system optimization to maximize reuse delivery - This project consists of four projects that will install transmission pipelines to isolated transmission and distribution systems. In conjunction with the Reclaimed Storage Tanks and SCADA projects, this will allow the utility to store more treated water during peak hours rather than discharging to surface waters. This will also reduce the use of augmentation well and maximize the use of RIBs. The Transmission/SCADA/Storage tank suite of projects collectively will position CCUA from an approximately 70% reuse utility to nearly 100% reuse this decade. This represents 2-3 mgd of additional beneficial reuse by the end of the decade.	Planning	2025	2.0 - 3.0	NA	$8.51	$0.00	NA	
2017_27	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Lake Asbury Reclaimed Mains Expansion	CCUA	This project will expand the reclaimed distribution system with over six miles of new reclaimed distribution mains in the Lake Asbury Master Planned Area (LAMPA). The expansion is expected to serve the equivalent of an additional 8,800+ single family residences.	Design	2029	NA	NA	$8.51	$0.00	NA	
2017_23	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Peters Creek WRF, Ponds, Reclaimed Storage & Pipeline (formerly Green Cove Regional RW WTP)	CCUA	This project consists of a new 1.5 MGD AADF Advanced Nutrient Removal WRF producing public access quality reclaimed water, 1.5 MGD wet weather storage ponds, approximately 0.8 MGD onsite reclaimed augmentation, 0.5 MGD RIBs for alternate discharge, and reuse water transmission pipes from the PC WRF to the Governors Park service area. The Peters Creek and Governors Park Reclaimed facilities are expandable, and will ultimately serve approximately 50,000 ERCs at buildout. Related to Project No. 2023_5 and 2023_10.	Construction/Underway	2024	1.50	NA	$70.58	$1.91	$6.87	
2023_10	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Governor's Park Reclaimed Storage and Pumping	CCUA	This project consists of a new reclaimed distribution facility to serve the Governor's Park service area. The facility will include a 0.750 MG ground storage tank and high service pump station. The facility will receive water treated to reclaimed standards from the Peters Creek WRF. Related Project No. 2017_23	Construction/Underway	2024	0.75	NA	$5.37	$0.26	NA	
2023_11	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Saratoga Springs Reclaimed augmentation well, Storage and Pumping	CCUA	This project consists of a new reclaimed distribution facility to serve the Central Clay County service area. The facility will include a 0.750 MG ground storage tank, high service pump station, and an augmentation well. The facility will receive water treated to reclaimed standards from the CCUA Mid-Clay WRF.	Construction/Underway	2024	2.30	NA	$6.18	$0.81	$1.15	
2023_17	NA	SJRWMD	Clay	Reclaimed Water (for potable offset)	Reclaimed SCADA System Optimization	CCUA	This project will optimize use of reclaimed water system by use of SCADA and programming improvements to the reclaimed distribution system. These improvements will include operational changes and infrastructure additions (e.g. additional flow meters) to optimize the use of reclaimed water and reduce the use of water from augmentation wells.	Planning	2024	1.00	NA	$0.68	$0.00	$0.05	
2023_42	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	SEQ to Gate Parkway - Trans - New - R	JEA	This project will install 5,000 feet of 30" reclaimed water main to serve as a transmission pipeline.	Planning	2029	0.12	NA	$4.05	$0.001	$3.56	
2017_45	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Greenland Reclaimed Water Repump Facility - Storage Tank and Booster Pump Station	JEA	This project consists of 12.0 MG in storage tanks and high service pumps. Related to Project No. 2017_67 and 2023_31.	Complete	2025	12.00	NA	$40.00	$0.004	$0.40	
2017_49	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Ridenour WTP - Reclaimed Water Storage and Repump	JEA	This project consists of a 3.0 MG storage tank and high service pumps.	Construction/Underway	2026	3.00	NA	$17.15	$0.004	$0.69	
2017_55	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Davis - Gate Pkwy to RG Skinner - Reclaimed Water System Expansion	JEA	This project will install 13,700 feet of 30" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2025	0.12	NA	$14.95	$0.001	$13.39	
2017_62	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	Monument Rd - Arlington East WRF to St Johns Bluff Rd - Reclaimed Water System Expansion	JEA	This project will install 7,900 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2023_29	Planning	2028	0.06	NA	$12.98	$0.001	$17.86	
2023_33	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	SWDE - Arlington East WRF – Reclaimed Water and Disinfection System Upgrades	JEA	This project will increase the reclaimed water production capacity from 8 to 25 mgd at the SWDE-Arlington East WRF. Related to Project No. 2023_39.	Design	2029	17.00	NA	$186.78	$0.004	$1.15	
2017_67	NA	SJRWMD	Duval/St. Johns	Reclaimed Water (for potable offset)	US 1 - Greenland WRF to CR 210 - Reclaimed Water System Expansion	JEA	This project will install 30,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_45 and 2023_31.	Complete	2024	0.06	NA	$23.63	$0.001	$59.89	
2017_76	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	Nassau Area - Radio Av - Reclaimed Water Storage Tank and Booster Pump Station	JEA	This project consists of a 1.5 MG storage tank and 1,000 gpm high service pumps.	Complete	2024	1.44	NA	$7.36	$0.005	$0.61	

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)	
2017_77	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	Nassau Regional WRF - Expansion to 3 MGD	JEA	This WRF capacity expansion includes 1.0 MG storage tank, 1,500 gpm high service pumps, and high level UV disinfection (estimated cost is for the RW component, not the WRF expansion). Related to Project No. 2023_35.	Complete	2025	2.16	NA	$10.00	$0.020	$0.57	
2023_35	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	JP - Nassau - Chester Rd - David Hallman to Pages Dairy Rd - R	JEA	This project will install 1,700 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_77.	Construction/Underway	2025	0.06	NA	$1.81	$0.001	$2.66	
2023_36	NA	SJRWMD	Nassau	Reclaimed Water (for potable offset)	SR200 - William Burgess Blvd to Police Lodge Rd - Trans - R	JEA	This project will install 14,250 feet of 16" reclaimed water main to serve as a transmission pipeline.	Complete	2023	0.04	NA	$5.58	$0.001	$18.60	
2017_87	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	RiverTown WTP - New Storage and Pumping System	JEA	This project consists of a 2.0 MG storage tank and high service pumps.	Planning	2028	2.00	NA	$20.02	$0.002	$0.71	
2023_31	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Twin Creeks Reclaimed Water Storage Tank and Booster Pump Station	JEA	This project consists of a 2.0 Mgal storage tank and high service pumps. Related to Project No's 2017_45 and 2017_67.	Complete	2024	2.00	NA	$8.86	$0.002	$0.54	
2017_89	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - Longleaf Pine Pkwy to Shearwater - Reclaimed Water System Expansion	JEA	This project will Install 13,500 feet of 24" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2026	0.16	NA	$9.06	$0.001	$4.63	
2023_32	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - South Hampton to Shearwater - Trans - Reclaimed Water System Expansion	JEA	This project will install 7,400 feet of 24" and 12" reclaimed water main to serve as a transmission pipeline.	Construction/Underway	2026	0.02	NA	$8.93	$0.001	$17.85	
2017_93	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR210 - Twin Creeks to Russell Sampson Rd - Reclaimed Water System Expansion	JEA	This project will install 12,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_14.	Planning	2031	0.06	NA	$7.63	$0.001	$13.56	
2017_94	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Greenbriar Rd - Longleaf Pine Pkwy to Spring Haven Dr - Reclaimed Water System Expansion	JEA	This project will install 13,500 feet of 20" reclaimed water main to serve as a transmission pipeline	Design	2027	0.06	NA	$5.99	$0.001	$14.54	
2017_104	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Russell Sampson Rd - St. Johns Pkwy to CR210 - Reclaimed Water System Expansion	JEA	This project will install 12,000 feet of 20" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2017_93.	Planning	2031	0.06	NA	$4.27	$0.001	$7.60	
2023_37	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Blacks Ford WRF - Expansion from 6 to 12 mgd	JEA	This project will add 6 MG of storage and pumping. Related to Project No. 2023_43.	Design	2030	6.00	NA	$30.00	$0.004	$0.88	
2023_38	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Nocatee North - Reclaim Water Storage Tank	JEA	This project will construct a new 3.5 MG storage tank.	Design	2027	3.50	NA	$10.31	$0.001	$17.11	
2023_43	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Blacksford WRF to Veterans Pkwy – Trans – RW	JEA	This project will install 11,000 feet of 24" reclaimed water main to serve as a transmission pipeline. Related to Project No. 2023_27.	Design	2027	0.08	NA	$5.00	$0.001	$6.86	
2017_109	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	CR 2209 Corridor Reclaimed Water System Expansion	SJCUD	Construction of aproximately 12,700 feet of 20" reuse main along the future County Road 2209 in two segments. The first segment is to connect to existing infrastructure between SR 16 and International Golf Parkway. The Second Segment runs from the NW WRF Facility north to connect to the existing Reuse main in Silverleaf. Project helps faciiltate SB 64 goals to interconnect reclaimed water systems. Project will reduce the discharge from the Northwest Wastewater Treatment Plant to Mill Creek, a tributary of Six Mile Creek and the lower St. Johns River.	Construction/Underway	2025	0.57	NA	$4.00	$0.780	$0.50	
2023_45	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR 16 Corridor Reuse Transmission Main Expansion	SJCUD	Project to replace approximately 6.7 miles of existing 8-inch reuse main with a new 16-inch and 20-inch reuse main along State Rd 16 to facilitate transmission of reuse water between the SR 16 WRF and the NW WRF grids. Project will facilitate full scale interconnectivity of SR 16 WRF reclaimed system to NW WRF and SR 207 WRF reclaimed grids. Project increases capacity to serve developments along the route.	Construction/Underway	2027	1.00	NA	$22.70	TBD	$1.65	
2023_46	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	NW WRF Re-Rate Project (3.0 mdg to 3.75 mgd)	SJCUD	Installation of Reuse infrastructure including Filtration, Transmission Infrastructure, Storage, Booster Pumps, and Augmentation sources which will be installed in various phases of the development. Project supplies reclaimed water to Northwest Service area and Silverleaf DRI.	Design	2027	2.25	NA	$15.00	TBD	$0.97	
2023_51	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	NW WRF Expansion (3.75 mgd to 7.5 mgd)	SJCUD	Expansion of NW WRF from 3.75 MGD to 7.5 MGD.	Planning	2030	5.75	NA	$122.00	TBD	$2.82	
2017_129	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	New SR 207 WRF	SJCUD	Construct new 3.25 MGD SR 207 WRF with the intent to provide 100% reclaimed water to nearby new developments and the NW/SR16 grid. Project creates a hub for reclaimed water service to comply with SB 64.	Construction/Underway	2026	2.75	NA	$161.00	TBD	$7.75	
2023_47	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR 207 WRF Reuse Transmission Mains, Ground Storage Tank and Pump Station.	SJCUD	Construction of approximately 8 miles of reuse transmission main (24"/20") 2MG Reuse GST and booster pump station to connect, the new SR 207 WRF to the NW and SR 16 reuse grids. Project is required to comply with SB 64.	Construction/Underway	2026	2.00	NA	$40.00	TBD	$9.48	
197	SRWS00032C	SRWMD	Alachua	Reclaimed Water (for potable offset)	Oakmont Subdivision Reclaimed Water System Expansion	GRU	Expansion of reclaimed water distribution system pipelines in Oakmont Subdivision to offset use of potable water for irrigation. Includes additional transmission and storage/pumping facilities to facilitate addition of groundwater recharge wetlands. This project includes all phases of the Oakmont Subdivision project.	Design	2033	0.40	NA	$8.40	$0.103	$3.00	
2101	SRWS0016A	SRWMD	Columbia	Reclaimed Water (for potable offset)	North Florida Mega Industrial Park	Columbia County	Retrofit proposed WWTF to meet AWT for future Public Access Reuse (PAR)	Complete	2025	0.25	NA	$27.00	$0.50	$17.27	
1729	SRWS00151B	SRWMD	Suwannee	Reclaimed Water (for potable offset)	Live Oak Reuse	Live Oak, City of	Construct extensions to the Live Oak wastewater collection infrastructure which will provide additional reuse.	Construction/Underway	2026	0.01	NA	$3.24	$0.008	$37.47	
296	SRWS00141A	SRWMD	Union	Reclaimed Water (for potable offset)	Lake Butler Wastewater Treatment Facility AWT Upgrade Phase 1	Lake Butler, City of	Funding for this Phase I will complete a feasibility study, design, and permitting for construction of an AWTF, storage surge tank, and wetland that will ultimately be used to construct a new 1.0 MGD WWTF to AWT treatment standards over three phases.	Construction/Underway	2026	1.00	NA	$3.40	$0.800	$2.52	
2023_7	NA	SJRWMD	Clay	Stormwater	Onsite Stormwater Harvesting at WRFs	CCUA	This project will augment the reclaimed water supply by harvesting stormwater from CCUA WRFs with existing stormwater retention ponds - Fleming Island, Mid-Clay, Miller Street, Ridaught and Spencers Crossing. Harvested stormwater would be pumped to the onsite facility and treated to public access reuse standards before being distributed into the reclaimed system.	Planning	2026	0.24	NA	$2.90	$0.026	$1.11	
2023_5	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Peters Creek-Governor's Park Shallow Aquifer Augmentation of Reclaimed Water Supply -	CCUA	This project will utilize SAS ground water and recovered Rapid Infiltration Basin (RIB) water to augment the reclaimed supply, particularly during peak demand months. Construction of SAS wells near RIBs at Peters Creek Water Reclamation Facility (PCWRF), and along the approximately 7 mile transmission pipeline between Peters Creek and Governor's Park reclaimed storage and pumping sites. Raw water will be disinfected and added to the reclaimed storage tanks or along the reclaimed transmission line. Related to Project 2017_23.	Feasibility Review	2032	2.20	NA	$13.60	$0.33	$0.83	

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)	
2023_13	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Peters Creek WTP & Production Well # 3 -2.02 MGD Expansion	CCUA	This project consists of an expansion of the Peters Creek potable water distribution facility which uses the SAS. A new 1,400 gpm well, 1.25 MG ground storage tank and related appurtenances will be added.	Permitted	2027	2.02	NA	$4.60	$0.71	$1.12	
2023_14	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Pier Station WTP Expansion	CCUA	This project consists of a an expansion of the Pier Station potable WTP as growth in area occurs. This WTP uses the SAS as its source water.	Planning	2026	0.25	NA	$2.70	$0.09	$1.70	
2023_15	NA	SJRWMD	Clay	Surficial Aquifer System/Intermediate Aquifer System Water Sources	Governor's Park WTP	CCUA	This project consists of a new potable water treatment and distribution facility to serve the Governor's Park service area. The facility will include two new dual zone (SAS and IAS), 1,770 gpm wells, a 0.500 MG ground storage tank, high service pump station and related appurtenances.	Design	2025	0.50	NA	$9.00	$0.18	$2.20	
2023_50	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	AI WWTP Reclaimed Process Improvements and AI WWTP to Mainland SB64 Reclaimed Grid Transmission	SJCUD	Upgrade treatment process to supply 100% public-access reuse and construct reclaimed water transmission from AI WWTP to SR 16 WRF.	Planning	2032	2.00	NA	$58.00	TBD	$3.85	
2017_117	NA	SJRWMD	St. Johns	Wellfield Optimization	CR 214 Water Blending Station (NW to Mainland PWS 2 MGD Transfer)	SJCUD	This project will improve water quality to the CR 214 WTP site by conditioning of the water transferred from the NW Grid that is blended and distributed into the Mainland Water System. Project helps to meet growing demands and helps sustain water quality in the Tillman Ridge Wellfield. Phase I for a 1 mgd Blending Station is complete. Phase II to transfer 2 mgd of flow facilitated by CR 208 Booster and NW WTP PhB expansion is in progress.	Complete	2025	0.00	NA	$10.47	TBD	$0.74	
2025_3	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Beacon Lake Potable to Reuse Conversion	SJCUD	The Beacon Lake subdivision has 988 connections (981 single-family, 5 commercial, and 2 common areas) that are currently plumbed from the potable water services for irrigation. This project will be to hire a contractor to re-plumb the irrigation piping to connect the reuse mains to reuse meters and the existing irrigation systems.	Construction/Underway	2025	0.30	NA	$0.50	TBD	$0.32	
2025_4	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Bannon Lakes GST No. 2 and HSP Upgrades	SJCUD	Construct expansion the Bannon Lakes facility to include a second 2.0 MG GST and upgrade the high service pump station. This project will be development driven to meet the demands east of I-95.	Planning	2032	0.50	NA	$3.50	TBD	$0.96	
2025_5	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Reclaimed Water Augmentation Projects	SJCUD	Construct reclaimed water augmentation to support the growing reclaimed water system water balance during peak demands.	Planning	2035	0.50	NA	$39.50	TBD	$9.81	
2025_6	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Silverleaf 2209 Reclaimed Water GST and BPS	SJCUD	Construct 2.0 MG Reuse GST and Pump Station on CR2209 to serve the Silverleaf DRI peak demands.	Design	2027	0.60		$10.00	TBD	$2.24	
2025_7	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Silverleaf Reuse Automated Valve System	SJCUD	Construct control valves to manage an irrigation schedule throughout the Silverleaf DRI to manage peak demands and maximize the capacity of the reuse infrastructure.	Planning	2029	0.00	NA	$4.50	TBD	$0.42	
2025_8	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	SR207 WRF Reuse Transmission Expansion	SJCUD	Construct additional transmission between the SR207 WRF wellfield BPS and the NW service area.	Planning	2032	1.10	NA	$10.10	TBD	$1.00	
2025_9	NA	SJRWMD	St. Johns	Reclaimed Water (for potable offset)	Marsh Landing WRF to Players Club WRF Sewer Diversion	SJCUD	This project will install ± 11,200 LF of 10" PVC and 12" HDPE sewer force main along A1A between Deleon Shores #1 Pump Station and Vikar's Landing. This project will divert approximately 300,000 gpd from Marsh Landing WWTP to Players Club WRF and will allow Marsh Landing to reduce effluent for improved compliance with the Limited Wet Weather discharge requirements for the facility, and allow maintenance and improvements to be performed at the existing facility.	Construction/Underway	2026	0.30	NA	$3.80	TBD	$1.41	
2025_10	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	JEA H2.0 Purification Demonstration Facility	JEA	The project includes the construction of a water purification demonstration facility to further purify reclaimed water to drinking water quality. The estimated alternative water supply benefit is 1 mgd.	Construction/Underway	2025	1.00	NA	$34.21	TBD	TBD	
2025_11	NA	SJRWMD	Duval	Reclaimed Water (for potable offset)	JEA US 1 Greenland WRF to CR 210 Transmission Main	JEA	The project includes installation of a reclaimed water main along US 1 to serve the Nocatee and Twin Creeks areas. The estimated alternative water supply benefit is 2.1 mgd. The project also provides an estimated nutrient load reduction water quality benefit to the Lower St. Johns River of 57,595 lbs/yr TN and 18,419 lbs/yr TP.	Complete	2024	2.10	NA	$19.61	TBD	TBD	
Total										**96.53**	**0.00**	**$1,297.06**	**$7.05**	**$332.85**	

*The estimated benefits for project 2023_2 and 2023_4 were assumed to be 1.5 mgd and 2.5 mgd, respectively, for the purposes of calculating total benefits across all projects.

Table K2. Water Resource Development Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
304	SRWS00156A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Data Collection and Evaluation	Alternative Water Supply Feasibility Studies	Local Governments, Water Authorities, Wastewater Treatment Facilities	Conduct AWTF analysis and feasibility studies including treatment wetlands and reclaimed water alternatives.	Construction/Underway	2025	0.00	NA	$4.00	NA	NA
2023_52	NA	SJRWMD	Alachua	Groundwater Recharge	GRU KWRF RCW Pump station and Transmission Backbone Improvement	GRU	The Transmission Backbone Improvement project is a necessary component to increase capacity of the KWRF RCW pumping station and transmission pipeline to 8 mgd in order to support Project No. 2023_20 GW Recharge Wetland Phase 2 (2 mgd) , Project No. 2023_26 RCW Extension to Future UF Golf Course (1 mgd), and Project No. 2023_21 Future GW Recharge Wetlands (5 mgd). The actual benefit for this project is shown as 0.0 mgd, since the benefit to the water resources is reflected in the related projects as noted above. Unit production costs for this project were calculated based on the 8 mgd of transmission volume.	Planning	2030	0.00	NA	$3.00	$0.23	$0.14
2023_20	NA	SJRWMD	Alachua	Groundwater Recharge	Groundwater Recharge Wetland Phase 2	GRU	This project consists of Phase 2 of the recharge wetland using RCW from Kanapaha WRF on the 75 ac site that was purchased in Phase 1. RCW Pump Station and Transmission Backbone Improvement needed to support this project. Related to Project No. 293	Planning	2034	2.00	NA	$5.00	$0.10	$0.59
2023_21	NA	SJRWMD	Alachua	Groundwater Recharge	Future Groundwater Recharge Project	GRU	This project will recharge groundwater using RCW. Project site not identified. May be co-located with UF Golf Course. RCW Pump Station and Transmission Backbone Improvement needed to support this project.	Feasibility Review	2040	5.00	NA	$20.00	$0.30	$0.88
2017_195	NA	SJRWMD	Clay	Groundwater Recharge	Black Creek WRD Project	SJRWMD / JEA, CCUA, SJCUD, GRU and other local cooperators	The primary goal of the Black Creek Water Resource Development Project is to increase recharge to the UFA in northeast Florida using excess flow from Black Creek. The project will divert up to 10 mgd from the South Fork of Black Creek during wet weather high flow periods. Diversions will only be made when there is sufficient flow available to ensure the protection of natural resources within the creek. The water will be pumped through a transmission system before eventually discharging into Alligator Creek. Alligator Creek flows into Lake Brooklyn, which will increase recharge to the UFA through the lake bottom.	Construction/Underway	2024	8.04	NA	$100.00	$5.00	$2.90
2023_9	NA	SJRWMD	Clay	Groundwater Recharge	Keystone WWTP and RIB Expansion	CCUA	This project consists of a new or expanded groundwater recharge plant in the Keystone Heights capable of treating up to 0.300 mgd of increasing wastewater flows from residential, commercial, and industrial wastewater.	Feasibility Review	2027	0.30	NA	$11.10	$0.38	$6.01
59	SRWS00076A	SRWMD	Alachua	Groundwater Recharge	Infiltrative Wetlands for WWTF Effluent Treatment Disposal	City of High Springs	Convert the City of High Springs existing sprayfield into infiltrative wetlands.	Construction/Underway	2025	0.48	NA	$12.35	$1.20	$9.66
293	SRWS00129B	SRWMD	Alachua	Groundwater Recharge	Groundwater Recharge Wetland Phase 1 (Southwest Nature Park)	GRU	This project consists of Phase 1 of constructing a groundwater recharge wetland using RCW from Kanapaha WRF on 75-acre site. Related to Project No. 2023_20.	Design	2026	3.00	NA	$16.00	$0.20	$1.13
409	SRWS00179A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Ecosystem Services	SRWMD	This project will focus on establishing a framework to implement silvicultural management practices on forested lands to benefit the NFRWSP and additional areas benefitting OFS. Reducing forest evapotranspiration (ET) will result in increased aquifer recharge (targeted to the UFA), spring flows, and water yield to nearby streams and wetlands.	Proposed	2045	9.00	NA	$54.00	TBD	TBD
3034	SRWS00190A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Groundwater Recharge	Upper Santa Fe Stormwater Capture Project	SRWMD	This project will evaluate methods to enhance the beneficial use of stormwater. A series of studies are underway to provide storage and recharge options to support LSFRB Recovery Strategy. Linked to conceptual projects 358, 359, 360, 361, 362, 364, 367, 372, 375, 378, 425, 456, 141, 453, 133	Proposed	2045	2.50	NA	$35.00	TBD	TBD
139	SRWS00092A	SRWMD	Bradford	Groundwater Recharge	Brooks Sink Ph II	SRWMD	Redirect flow to a natural sink.	Proposed	2045	0.20	NA	$0.50	$0.05	$0.05
2675	SRWS00185A	SRWMD	Columbia	Groundwater Recharge	Lake City Recharge wetland expansion	Lake City, City of	Convert the Steedly sprayfield to a created treatment wetland to reduce nutrients and provide recharge	Construction/Underway	2026	0.23	NA	$9.90	$0.025	$5.89
1739	SRWS00149A	SRWMD	Gilchrist County	Groundwater Recharge	Devil's Ear Spring Recharge Land Acquisition Project	FWC	Less-than-fee simple acquisition (conservation easement) of approximately 2,742 acres within the Devil's Ear Spring (OFS) PFA under the Santa Fe River Basin Management Action Plan. This property accounts for about 2% of the total acreage of the Devil's Complex PFA. Approximately 75% of the property is considered to have high recharge value with the remaining portion of the property being either medium-high or low-medium. The project consists of seven individual parcels in Gilchrist County owned by one individual and all required pre-acquisition costs to complete transactions. Currently the property is used for timber and once acquired the conservation easement will be monitored by FWC.	Design	2026	0.00	NA	$5.26	TBD	TBD
255	SRWS00147A	SRWMD	Hamilton	Groundwater Recharge	Hamilton County Aquifer Recharge Replacement Wells and Water Quality Improvement	SRWMD	This project concept is to replace two 12-inch drainage wells to provide recharge to the UFA and flood protection in the Alapaha Basin. The wells would allow up to 2 MGD of natural aquifer recharge to the Upper Floridan aquifer and the potential for increased recharge contribution in the form of alternative water supplies from the City of Jasper and surrounding communities. Positive flows into the wells will provide a benefit to springs Along the Upper Suwannee River.	Proposed	2045	2.00	NA	$0.70	$0.003	$0.05
2023_6	NA	SJRWMD	Clay	Indirect Potable Reuse	Indirect Potable Reuse	CCUA	This project consists of an IPR Plant including recharge wells (1 mgd). Reclaimed water will be treated to potable standards, and used to directly recharge the UFA (IPR). This project is related to a demonstration project (Project No.2023_8).	Feasibility Review	2038	1.00	NA	$2.25	$1.16	$4.73
2023_39	NA	SJRWMD	Duval	Indirect Potable Reuse	SWDE - Arlington East WRF Purification Facility	JEA	This project consists of a 6.0 mgd water purification facility (capacity conceptual, subject to change) and UFA Recharge Wells. Discharge will be used to replenish the aquifer. Related to Project No. 2023_33.	Design	2031	6.00	NA	$184.00	$0.019	$8.33
2023_41	NA	SJRWMD	Duval	Indirect Potable Reuse	SWDE - Cedar Bay Purification Facility	JEA	This project consists of a 2.4 mgd water purification facility (capacity conceptual, subject to change) and UFA Rechage Wells. Discharge will be used to replenish the aquifer.	Planning	2036	2.40	NA	$235.00	$0.008	$14.80

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
365	SRWS00164A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Stormwater	Dispersed Storage for Recharge and Alternative Water Supply	SRWMD	This project will evaluate methods to enhance the beneficial use of stormwater with a focus on retrofitting and enhancing stormwater management systems. This beneficial use could be in the form of enhanced recharge and/or implementation of storm ponds or other storage as an alternative water supply. The primary benefit will be capturing more stormwater as beneficial recharge and reducing runoff. In some cases, stormwater may also serve as an available water source for an alternative water supply. (Linked from results of 360).	Construction/Underway	2027	NA	3.00	$2.10	TBD	TBD
1738	SRWS00180A	SRWMD	Columbia	Stormwater	Quail Heights Regional Pond	FDOT/Columbia County	Construction of a regional stormwater pond near I-75 and SR247 interchange to alleviate flooding and benefit Cannon Creek and the Ichetucknee Trace.	Construction/Underway	2026	0.03	NA	$8.95	$0.001	$35.60
2023_8	NA	SJRWMD	Clay	Technology Evaluation	Mid-Clay WRF Potable Reuse Pilot Demonstration	CCUA	This is a pilot-scale potable reuse demonstration project. A reuse demonstration facility is being constructed at the Mid-Clay WRF. The technology train will be BAF/O3, and will not produce a brine or reject stream needing disposal. Instead, BAF/O3 will produce filter backwash that will go back through plant headworks. CCUA will use the facility to demonstrate the quality of water that can be produced (permitting driver), for operator training, and for public engagement. Related to Project No. 2023_6.	Construction/Underway	2024	NA	NA	$4.54	$0.90	NA
2023_30	NA	SJRWMD	Duval	Technology Evaluation	Water Purification Demonstration Facility (previously named Water Treatment Pilot/Demonstration Phase 1 and 2)	JEA	This project is a purified water pilot and demonstration project.	Construction/Underway	2026	1.00	NA	$77.40	$0.003	$12.75
2023_49	NA	SJRWMD	Duval	Technology Evaluation	JEA Ozone-Wetland Treatment Pilot Testing	JEA / SJRWMD / DEP	SJRWMD is collaborating with JEA and FDEP on a pilot study project utilizing water from JEA's Buckman wastewater treatment facility (WWTF) to evaluate the potential for future use of Buckman effluent for UFA recharge and/or alternative water supply. The Buckman wastewater influent contains wastewater discharges from a significant number of industrial customers. Prior to implementing a project for treating Buckman WWTF effluent as a supply for aquifer recharge, a pilot study is necessary to determine if pre-treatment with ozone is effective in breaking down industrial chemicals sufficiently to facilitate assimilation of the organic contaminants in the treatment wetland. The pilot study will be conducted over a two-year period following construction of the pilot wetland basins and appurtenant pilot components. A minimum of 6 months will be required to allow the wetland plants establish. Cost to design/permit/construct $4.2M and 2.825 for monitoring/sampling/lab analysis/report. The project will begin design and permitting by October 1, 2023.	Construction/Underway	2028	NA	NA	$7.27	NA	NA
3341	NA	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Stormwater	Groundwater Augmentation through Surficial Features	SRWMD	Implementation of recharge through karst and surface water features to benefit the MFLs. Including debris removal from existing sinkholes and stormwater management to augment recharge during storm or high flow events. Linked to conceptual projects 426, 428, 427, 432, 433	Design	2027	1.00	NA	$0.50	TBD	$0.07
2025_1	NA	SJRWMD	Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Gilchrist, Hamilton, Nassau, Putnam, St. Johns, Suwannee, Union	Groundwater Recharge	Water First North Florida	SJRWMD, SRWMD, DEP, JEA, CCUA, SJCUD, GRU, and other local cooperators	Reclaimed water from the JEA Buckman and Southwest Water Reclamation Facilities will be passed through a wetland treatment system to further reduce nutrients before being pumped to strategically located aquifer recharge site(s) in the region. A treatment wetland and recharge facility siting investigation are underway. Water First North Florida will provide regional recharge to the Floridan aquifer.	Planning	2045	40.00	NA	$1,100.00	TBD	NA
Total										**84.18**	**3.00**	**$1,898.82**	**$9.58**	**$103.58**

Table K3. Water Conservation Project Options

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
2760	SRWS00187A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agriculture Springs Protection	Producers	District wide Cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs.	Construction/Underway	2027	3.00	NA	$3.75	TBD	TBD
103	SRWS00082A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Sustainable Suwannee Ag Pilot Program - Low Input*	FDEP	Pilot program for agricultural operations, landowners, counties and cities, private companies, and other entities within specific geographical areas to submit proposals to reduce water use and improve water quality by reducing and removing nutrients	Construction/Underway	2026	2.55	NA	$2.50	TBD	TBD
228	SRWS00108B	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Accelerating Suwannee River Restoration and Silviculture Management	ACT; Rayonier Conservation Trust	Incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Middle Suwannee springshed.	Construction/Underway	2026	3.03	NA	$2.38	TBD	TBD
2093	SRWS00159A	SRWMD	Columbia	Agricultural Conservation	Graham Farm Acquisition	ACT	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes. Remove agricultural irrigation well.	Construction/Underway	2026	0.29	NA	$1.80	$0.005	$1.99
2673	SRWS00184A	SRWMD	Gilchrist	Agricultural Conservation	Piedmont Dairy Conversion	Alliance Grazing Group, LLP	Conversion from grazing to free-stall barns to reduce nutrients and groundwater pumping	Complete	2025	0.45	NA	$5.59	$0.60	$5.50
2967	SRWS00188A	SRWMD	Gilchrist	Agricultural Conservation	Smart Soakers	UF/IFAS	Reduce water usage through the use of Smart soaker for cattle cooling.	Construction/Underway	2026	0.04	NA	$0.49	$0.003	$18.75
2023_22	NA	SJRWMD	Alachua	PS and CII Conservation	Advanced Metering Infrastructure (AMI)	GRU	This project will replace existing meters with smart meters that can help detect leaks on the customers side of the meter, while also replacing service laterals that are made of polybutylene which are prone to leaking.	Construction/Underway	2025	1.00	NA	$16.40	$0.20	$3.45
2023_23	NA	SJRWMD	Alachua	PS and CII Conservation	Large meter replacement	GRU	This project will replace existing large meters with more accurate new meters. Greater accuracy will promote conservation.	Construction/Underway	2025	0.09	NA	$0.40	$0.00	$0.81
2023_24	NA	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Phase 2	GRU	This project is Phase 2 of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units.	Design	2025	0.04	NA	$0.11	$0.00	$0.43
2023_25	NA	SJRWMD	Alachua	PS and CII Conservation	Toilet/Indoor Plumbing Retrofit Future Phases	GRU	This project is a future phase of the Plumbing Retro-fit Program and will replace toilets, sink aerators, and shower heads with low flow units	Proposed	2035	0.13	NA	$0.32	$0.00	$0.43
2017_142	NA	SJRWMD	Alachua	PS and CII Conservation	Future GRU Water Conservation Projects	GRU	This future project will Implement cost effective projects that may include but are not limited to public education, advanced metering, indoor plumbing retrofit, commercial water efficiency programs and outdoor irrigation efficiency programs.	Feasibility Review	2035	0.80	NA	$2.00	$0.00	$0.40
2023_16	NA	SJRWMD	Clay	PS and CII Conservation	Advanced Metering with Customer Dashboard	CCUA	This project will provide customers with water savings tools by expanding the capabilities of its existing Advanced Metering Infrastructure to increase the savings realized through customer-side notifications of excessive or abnormal water use. Customers will be able to view water use in short term intervals, and the automated system will alert users the same day they occur. Customers can also gain insight into water use patterns and behaviors which can result in reductions in water use. The project is being performed in as part of a major ERP platform upgrade.	Construction/Underway	2024	0.45	NA	$0.75	$0.025	$0.27
2023_18	NA	SJRWMD	Clay	PS and CII Conservation	Customer DSM Programs (take midpoint or water prod)	CCUA	This project is a Demand Side Management Programs Composite in which CCUA has identified a number of demand side management programs that can reduce potable and reclaimed usage. These programs will be adding the DSM portfolio over the next decade. Costs and water savings from these programs occur over the entire life of the program. Programs may include single family high efficiency toilet rebates, high efficiency clothes washer rebates, commercial ice machine and restaurant pre-rinse spray valve rebates, smart irrigation controller rebates, and new development turf reduction ordinance.	Feasibility Review	2033	1.27	NA	$1.59	$0.00	$0.37
2017_174	NA	SJRWMD	St. Johns	PS and CII Conservation	Promote Cost-Effective Conservation Programs	SJCUD	Reducing demands from existing water uses through investments in conservation is possible. Previous studies have determined that the most cost-effective and practical conservation best management practices (BMPs) can include retrofits to indoor and outdoor fixtures, improved customer education, irrigation efficiency programs, and utilizing soil moisture sensing devices to reduce irrigation demands.	Construction/Underway	2045	0.19	NA	$0.00	$0.18	$0.00
2023_44	NA	SJRWMD	St. Johns	PS and CII Conservation	NW Wellfield VFD addition	SJCUD	This project is part of the effort to optimize operation of the Northwest Well Field in accordance with SJCUD's Wellfield Optimization Plan. Phase I of this project will install VFD pump controls on new wells as part of the current expansion project. Phase II will retro-fit existing wells. Assumes a 20% supply benefit.	Construction/Underway	2025	1.55	NA	$1.00	TBD	$0.24
2023_53	NA	SJRWMD	Alachua	PS and CII Conservation	Water Main Replacement, Phase 4	Hawthorne	This project is Phase 4 and 5 of a city-wide water distribution system replacement effort by the City. All phases have been designed, and Phase 1-3 & 5 have been constructed. The remaining portions of the water distribution system consists mostly of approximately 16,600 linear feet of cast iron and galvanized steel pipe that is over 60 years old and has exceeded its useful life. Project completion will conserve precious water resources by significantly reducing water losses and need for frequent flushing.	Construction/Underway	TBD	0.01	NA	$3.27	$0.005	$37.19
2680	SRWS00186A	SRWMD	Alachua	PS and CII Conservation	Archer Water System Improvements	Archer, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	2027	0.00	NA	$4.80	$0.005	$268.79
2671	SRWS00183A	SRWMD	Alachua	PS and CII Conservation	Reducing Impacts from Urban Landscapes	Alachua County EPD	Reduction of water use in landscape irrigation in the NFRWSP area.	Construction/Underway	2027	0.07	NA	$0.45	$0.009	$1.46
2669	SRWS00182A	SRWMD	Alachua	PS and CII Conservation	DH/DHR water sharing	GRU	Reduce groundwater pumping by connecting a shared water system at the GRU power plants to conserve water	Complete	2025	0.20	NA	$0.93	$0.007	$0.70
2672	SRWS00201A	SRWMD	Alachua	PS and CII Conservation	High Springs Limerock Mine	Alachua County	Acquire acreage in the NFRWSP area to support MFL recovery and preserve land use from development changes.	Construction/Underway	2026	0.01	NA	$1.60	$0.014	$17.58
305	SRWS00158A	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	PS and CII Conservation	Water Supply Infrastructure Improvements	Public Water Supply Entities	Includes replacement of aging infrastructure, distribution and safety improvements.	Proposed	2033	0.00	NA	$4.00	$0.04	NA
3033	SRWS00189A	SRWMD	Bradford	PS and CII Conservation	Hampton AMR water meter replacement	Hampton, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Complete	2023	0.01	NA	$0.18	$0.003	$28.97
2668	SRWS00181A	SRWMD	Bradford	PS and CII Conservation	Lawtey Water Main Replacement	Lawtey, City of	Replacement of aging infrastructure to reduce water loss in the NFRWSP area.	Planning	2026	0.02	NA	$2.80	$0.06	$23.50

RWSP Project No.	DEP Project ID	District	County	Project Type	Project Name/Description (two columns if needed)	Implementing Agency or Entity	Project Description	Project Status	Estimated Completion Date	Estimated Benefit (mgd)	Storage Capacity Increased (MG)	Total Capital Cost ($M)	Estimated Annual O&M ($M)	Unit Cost ($/1,000 gallons)
NA	NA	SRWMD	Bradford	PS and CII Conservation	Waldo AMR water meter replacement	Waldo, City of	Installation of AMR meters to reduce water loss in the NFRWSP area.	Proposed	2027	0.01	NA	$0.20	$0.005	$4.88
458	NA	SRWMD	Alachua, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, Union	Agricultural Conservation	Agriculture Springs Protection Phase II	Producers	District wide Cost-share to reduce nutrient load and water usage in the BMAPs and WRCAs.	Planned	2031	2.00	NA	$7.50	TBD	TBD
2025_12	NA	SJRWMD	Duval	PS and CII Conservation	JEA Demand-Side Management Conservation Program	JEA	The water conservation program includes rebates for high efficiency toilets, clothes washers, dishwashers and smart irrigation tools for homeowners. It also includes incentives to commercial customers for implementing the Green Restaurant program, retrofitting ice machines, and cooling tower cost-sharing. The estimated water conservation benefit is 1.5 mgd.	Construction/Underway	2025	1.50	NA	$10.95	TBD	TBD
2025_13	NA	SJRWMD	Putnam	PS and CII Conservation	Interlachen Water Supply System Improvements: Phase 4	Town of Interlachen	This project includes upgrades to a water distribution supply system by replacing approximately 6,300 LF of aged, undersized, and leaking 1-inch, 1.5-inch, and 4-inch galvanized steel water mains with 6-inch and 8-inch polyvinyl chloride (PVC) water mains, along with new valves, fire hydrants, and water services. The estimated water conservation benefit is 0.012 mgd.	Complete	2024	0.01	NA	$1.09	TBD	TBD
2025_14	NA	SJRWMD	Putnam	PS and CII Conservation	Palatka Madison Street Water Main Improvements	City of Palatka	The project includes replacing approximately 1,981 LF of aged and failing cast iron pipe, within Palatka's central downtown area, with PVC to eliminate leaks and line breakage. The estimated water conservation benefit is 0.004 mgd.	Construction/Underway	2025	0.004	NA	$0.50	TBD	TBD
2025_15	NA	SJRWMD	Alachua	PS and CII Conservation	GRU Water Efficient Toilet Exchange Program	GRU	This project includes providing Gainesville Regional Utility (GRU) customers with high-efficient toilets in exchange for older, inefficient toilets through the GRU Water Efficient Toilet Exchange Program. The estimated water conservation benefit is 0.01 mgd.	Proposed	2045	0.010	NA	$0.11	TBD	TBD
2025_2	NA	SJRWMD & SRWMD	Alachua, Baker, Bradford, Clay, Columbia, Duval, Flagler, Gilchrist, Hamilton, Nassau, Putnam, St. Johns, Suwannee, Union	PS and CII Conservation	FWS Silver Plus Implementation	Public Water Supply Entities	Requiring FWS Silver Plus criteria on all new single-family homes on potable water with in-ground irrigation systems from 2030 to 2045.	Conceptual	2030	17.04	NA	$0.97	TBD	TBD
2025_16	NA	SJRWMD		PS and CII Conservation	Crescent City Prospect St Water Main Replacement	City of Crescent City	The project includes replacement of approximately 6,900 LF of aged and deteriorated distribution system piping, hydrants, and services on the city's Prospect Street and Florida Avenue. The estimated water conservation benefit is 0.01 mgd.	Construction/Underway	2025	0.010	NA	$1.73	TBD	TBD
2025_17	NA	DEP	All Counties	PS and CII Conservation	The Florida Water Loss Program	DEP	The Florida Water Loss Program (FWLP) is providing free water loss audit training and water loss control technical assistance to utilities throughout Florida. Building on the success of the previous statewide effort to tackle water loss, this enhanced program is designed for both new learners (those new to water auditing or loss control) and advanced learners (those with prior audit submissions through the program). What's being offered: Remote webcasts recapping the 2023-24 program highlights and an intro to offerings available; remote water audit validation sessions, in person workshops, and direct technical assistance. This program is currently available and will have funding through 2027.	Underway	2027	0.000	N/A	$3.20	N/A	N/A
Total										**35.77**	**0.00**	**$83.34**	**$1.16**	**$415.71**

AGENDA REQUEST FOR GOVERNING BOARD MEETING November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Clay Coarsey, Director
Division of Water Supply Planning and Assessment

SUBJECT: Water First North Florida: Treatment Wetland and Recharge Facility Site Investigation, Selection and Conceptual Design

RECOMMENDATION
Approve the ranking of the consultants responding to the Request for Qualifications 41325 for the Water First North Florida Treatment Wetland and Recharge Facility Site Investigation, Selection and Conceptual Design and authorize the Executive Director to take the following actions: (1) negotiate and execute a contract not-to-exceed $2,170,000 with the Jacobs Engineering Group Inc., the top ranked respondent; (2) negotiate and execute a revenue agreement for project funding with the Department of Environmental Protection and any amendment thereto; and (3) execute all related budget transfers necessary to complete the project.

If the District fails to reach an agreement with the highest ranked firm, negotiations will proceed with the next highest ranked respondent.

Amount: $2,170,000

Account Name: Water First North Florida

Funding Source: State Sources – DEP

Budget Authority: FY 2025–28 (anticipated)

Budget: $2,170,000 (anticipated)

Fiscal Year	Estimated Amount*
FY 2025-26	$800,000
FY 2026-27	$900,000
FY 2027-28	$470,000

EOG Program/Activity Code: 2.2.1 – Water Resource Development Projects

Scheduled Completion: June 30, 2028

Non-Mandatory Pre-Submittal Conference: June 26, 2025: **Attendees:** 5

Renewable: No

RFQ Response Due Date: July 28, 2025 **Responses Received:** 2

***Notes:** The estimated amounts represent the projected spend plan per fiscal year for the proposed funding and may be reallocated between years. The amounts for succeeding fiscal years are contingent upon Governing Board approval of each fiscal year's budget.

BACKGROUND

The Lower Santa Fe and Ichetucknee Rivers and priority springs (LSFIR), located in North Florida, are in recovery based on Minimum Flows and Level (MFLs) rules adopted in 2015. The MFLs have since been re-evaluated and re-assessed. Based on the best available information, two of the three compliance points on the rivers are not being achieved. Therefore, an updated recovery strategy to restore the systems is required. As such, the St. Johns River Water Management District (SJRWMD), in collaboration with the Suwannee River Water Management District (SRWMD), Florida Department of Environmental Protection (DEP) and stakeholders, are developing projects to achieve the MFLs.

As part of this effort, in 2024, CDM Smith Inc. conducted a jointly funded cooperative study to evaluate potential projects for inclusion in the recovery strategy, with participation by SJRWMD, SRWMD, DEP, JEA, Clay County Utility Authority (CCUA), Gainesville Regional Utilities (GRU), and St. Johns County Utilities Department (SJCUD. The study identified a conceptual regional project of sufficient scale to mitigate the impacts to the LSFIR MFLs. The proposed project, known as Water First North Florida, is a 40-million gallons of water per day project utilizing treated reclaimed water from the JEA Buckman and Southwest Water Reclamation Facilities (WRFs) that will receive additional natural filtration via a treatment wetland for aquifer recharge in the North Florida region. The proposed project would also provide additional regional benefits for flow at other springs and surface waters, replenishment of the Floridan aquifer, and renewal of water supply resources.

Additional study of the proposed project is necessary. An engineering study is needed to identify and evaluate potential treatment wetland site(s) for additional treatment of the WRF's reclaimed water. The study would also identify potential aquifer recharge sites. These efforts directly support the LSFIR MFLs prevention and recovery efforts and would provide crucial information for the planning of the Water First North Florida project.

DISCUSSION

On June 12, 2025, the Request for Qualifications (RFQ) 41325 for Water First North Florida: Treatment Wetland and Recharge Facility Site Investigation, Selection and Conceptual Design was advertised on the District's solicitation portals including DemandStar, Central Bidding, My Florida Market Place and Vendor Registry. Over 1,927 potential vendors were notified of this solicitation, and 47 vendors downloaded the solicitation documents.

A non-mandatory pre-submittal conference was held at District Headquarters on June 26, 2025. The solicitation was advertised for over six weeks. Two engineering firms submitted a response by the July 28, 2025 deadline. The two firms along with their subconsultants were:

(1) Jacobs Engineering Group Inc., with the following subconsultants: Wetlands Solutions, Inc; Phillips Heavy Civil; Ecosystem Investment Partners; and Family Lands Remembered, LLC.

(2) CDM Smith Inc., with the following subconsultants: Black & Veatch Corporation; ASRus, LLC; Environmental Science Associates; INTERA; The Balmoral Group; and the University of Florida Howard T. Odum Center for Wetlands; and

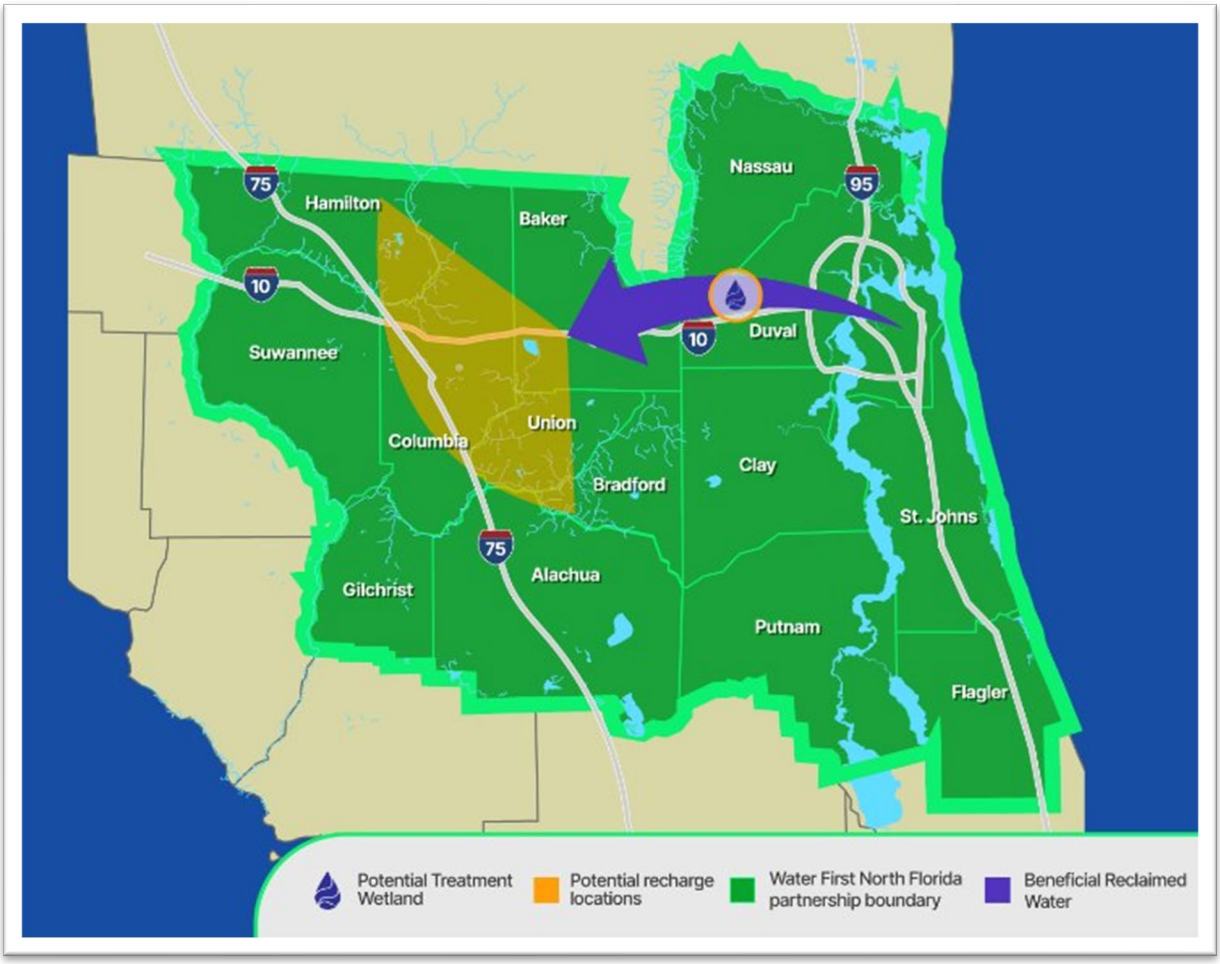
Both firms met the minimum qualifications stated in the RFQ. The Evaluation Committee, comprised of three District staff and five non-voting stakeholder representatives from SRWMD, CCUA, GRU, JEA, and SJCUD, reviewed the submittals and met on August 11, 2025, to evaluate the qualifications. The total scores for the written proposals were finalized during the meeting and are shown in the table below.

Rank	Engineering Firm	Total Score
1	Jacobs Engineering Group	28.21
2	CDM Smith	27.20

Attachment 1 Evaluation Criteria for RFQ 41325

More than adequate: 8 – 10
Adequate: 5 – 7
Less than adequate: 1 – 4
Not covered in qualifications submittal: 0

TAB	CRITERIA	WEIGHT
1	Forms and Professional Licenses	15%
2	Respondent's and subconsultants' overall qualifications, capabilities, and business certifications, including: (1) Minimum Flows and Levels, (2) Hydrogeology, (3) Groundwater modeling, (4) Regulatory permitting in Florida, (5) Wastewater treatment storage, (6) Pumping and treatment design, (7) Treatment wetland project design, (8) Recharge wetland project design, (9) Wastewater effluent discharge to natural wetlands, (10) Wastewater effluent discharge to surface waters, (11) National Pollutant Discharge Elimination System (NPDES) compliance, (12) Total Maximum Daily Loads (TMDL) compliance, (13) Basin Management Action Plan (BMAP) compliance, (14) Rapid Infiltration Basin (RIB) project design, (15) Aquifer recharge well project design, (16) Aquifer Storage and Recovery project design, (17) Wastewater treatment project design, (18) Water ozonation project design, per- and polyfluoroalkyl substances (PFAS/PFOS) treatment project design, and (19) Emerging contaminants of concern.	35%
3	Respondent's approach and ability to provide the required professional services as presented in the Statement of Work	45%
4	Location of Respondent's Management Office or Project Manager	2%
5	Volume of District work previously awarded to Respondent	3%
	TOTAL:	100%



Attachment: Water First NF Map (Water First North Florida)

AGENDA REQUEST FOR
GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Clay Coarsey, Director
Division of Water Supply Planning and Assessment

SUBJECT: 2025 Central Florida Water Initiative Regional Water Supply Plan

RECOMMENDATION
Approve the 2025 Central Florida Water Initiative (CFWI) Regional Water Supply Plan (RWSP) and associated appendices through the attached order.

BACKGROUND
The CFWI is a collaborative water supply planning effort that covers an area within portions of the St. Johns River Water Management District (SJRWMD), the Southwest Florida Water Management District (SWFWMD), and the South Florida Water Management District (SFWMD). The CFWI Planning Area encompasses five counties: Orange, Osceola, Polk, Seminole, and southern Lake. The CFWI mission is to help protect, develop, conserve, and restore central Florida's water resources by collaborating on a unified process to address central Florida's current and long-term water supply needs. In 2015, the first CFWI RWSP was approved by the three Governing Boards, and in 2020, the first five-year update to the CFWI RWSP was approved. The Districts have recently finalized the 2025 CFWI RWSP, which is an update to the 2020 CFWI RWSP.

DISCUSSION
The CFWI is led by a Steering Committee that includes a representative from a public water supply utility, a Governing Board member from each of the three water management districts, and representatives from the Florida Department of Environmental Protection and the Florida Department of Agriculture and Consumer Services. The RWSP confirmed that traditional groundwater sources alone could not meet the 2045 groundwater demand while also sustaining water resources and related natural systems. To address the potential deficit, the 2025 CFWI RWSP identifies water conservation and water supply and resource development projects to meet the projected 2045 water demand, while protecting natural resources. Consistent with subsection 373.709(1), F.S., the RWSP working group held a technical methods workshop and several additional public meetings. It also drafted and provided the draft 2025 CFWI RWSP, along with its associated appendices, for public comment. After the public comment period from March 14 to May 16, 2025, and a public workshop held in April 2025, comments were incorporated into the final draft where appropriate. The final draft 2025 CFWI RWSP and associated appendices were reviewed by and presented to the Steering Committee on September 12, 2025. The Steering Committee endorsed the plan and encouraged the three water management district Governing Boards to approve the Final Draft 2025 CFWI RWSP and

associated appendices. The final draft 2025 CFWI RWSP and associated appendices are located on the CFWI website at https://cfwiwater.com/RWSP.html.

BEFORE THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

IN RE:

2025 Central Florida Water Initiative Regional Water Supply Plan

ORDER NO. SJR 2025-____
SJRWMD F.O.R. No. 2025-___

_____/

ORDER APPROVING THE 2025 CENTRAL FLORIDA WATER INITIATIVE REGIONAL WATER SUPPLY PLAN

THIS MATTER came before the Governing Board of the St. Johns River Water Management District ("District") on November 12, 2025. The Governing Board, having been fully advised of the matter, hereby approves the 2025 Central Florida Water Initiative Regional Water Supply Plan ("2025 CFWI RWSP"), recognizing the District's authority for water supply planning extends to water supply planning regions within its boundaries as established in section 373.069, Florida Statutes. The 2025 CFWI RWSP includes the following documents attached hereto:

1. 2025 CFWI RWSP
2. Appendices to 2025 CFWI RWSP

DONE AND ORDERED by the Governing Board of the St. Johns River Water Management District this 12th day of November, 2025, in Palatka, Putnam County, Florida.

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

(SEAL)

By:_____
Rob Bradley, Chair

Attest:_____
J. Chris Peterson, Secretary

Filed November 12, 2025

_____
Courtney Waldron, District Clerk

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Erin Preston, General Counsel
Office of General Counsel

SUBJECT: Election of Governing Board Officers for FY 25-26

RECOMMENDATION
Election of Governing Board Officers for FY 2025-26

BACKGROUND
District Policy 110, The Governing Board, requires that the Governing Board elect officers in November of each year. New officers assume their offices at the conclusion of the November meeting.

DISCUSSION
There are four Governing Board Officers: Chair, Vice Chair, Secretary, and Treasurer. Policy 110, provides the following direction for the election process:

1. Election Process.
    a. The Chair calls for nominations of Officers. Nominations may be made by a slate covering all four offices, or individually, by each office in the following order: Chair, Vice Chair, Secretary, Treasurer.
        i. If an individual officer is nominated, election by slate ceases and the nomination and voting proceed exclusively by individual office in the following order: Chair, Vice Chair, Secretary, Treasurer.
    b. Nominations are voted on in the order in which nominations are made.
    c. Votes for a slate or for an individual are made by roll call vote. However, if only one slate, or individual per office is nominated, the Chair, after ensuring that, in fact, no member wishes to make further nominations, simply declares that the slate of officers or individual is elected by unanimous consent.
    d. Once a slate or individual officer receives a simple majority vote, the Chair declares the slate, or individual, elected and no votes are taken on the remaining nominations.

Governing Board members elected to office will hold office until the next election of officers, unless the office is vacated. There is no limit on the length of time an officer may serve.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

FROM: Michael A. Register, P.E.
Executive Director

SUBJECT: Public Comment

FOR INFORMATION
Public Comment.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Heather Barnes, Executive Assistant
Executive Office

SUBJECT: Approval of Minutes

RECOMMENDATION
Approve minutes of the October 14, 2025 Governing Board Meeting.

St. Johns River Water Management District

GOVERNING BOARD MEETING
MINUTES
October 14, 2025
SJRWMD District Headquarters
4049 Reid Street
Palatka, FL 32177

Call to Order

Vice Chair Ghyabi-White called the Governing Board meeting to order at 10:00 a.m. and led the pledge of allegiance.

The agenda items were called in the following order: 1, 2, 3, 4, 5, 6, 7, 8, 18, 19, and 20.

Attendance

Present:
Maryam Ghyabi-White (Vice Chair)
Chris Peterson (Secretary)
Ryan Atwood
Doug Bournique
Douglas Burnett
Ron Howse
Janet Price

Telephonically:
Rob Bradley (Chair)
Cole Oliver (Treasurer)

Governing Board Meeting - 10:00 a.m.

Agenda Item 1. **For Information:** Employee Awards.

EMPLOYEE OF THE MONTH
Corey Hines
Design Technician
Bureau of District Projects and Construction

5-YEAR SERVICE AWARDS
Justin Dahl
Senior Regulatory Scientist
Division of Regulatory Services

10-YEAR SERVICE AWARDS
Marty Ryan
Geographic Information Systems Analyst II
Office of Information Technology

15-YEAR SERVICE AWARDS
Wei Jin
Senior Engineer Scientist PG/PE
Bureau of Water Use Regulation

Pamela Thompson
Information Technology Manager
Office of Information Technology

20-YEAR SERVICE AWARDS
Preston Ward
Operations Supervisor
Bureau of Transportation and Facilities

25-YEAR SERVICE AWARDS
Michael Daly
Technical Program Manager
Bureau of Water Resource Information

Agenda Item 2. **For Information:** The Hydrologic Conditions Report.

Tim Miller, Chief, Bureau of Water Resource Information, gave a PowerPoint presentation describing the hydrologic conditions for September 2025. A copy of the presentation has been made a permanent part of the record.

Vice Chair Ghyabi-White requested the rainfall data by county be sent to the Governing Board members.

Agenda Item 3. **Consideration:** Approve Consent Agenda items.

Items Recommended for approval on Consent Agenda by Vice Chair Ghyabi-White
Items 9 – 17 were recommended for approval on the Consent Agenda.

A MOTION WAS MADE BY DOUG BOURNIQUE TO APPROVE THOSE ITEMS RECOMMENDED FOR APPROVAL ON THE CONSENT AGENDA, SECONDED BY RON HOWSE. MOTION CARRIED UNANIMOUSLY.

Agenda Item 4. **For Information:** Construction Progress Update for the Black Creek Water Resource Development Project.

Dale Jenkins, Director, Division of Infrastructure and Land Resources, gave a PowerPoint presentation. A copy of the presentation has been made a permanent part of the record.

Agenda Item 5. **Consideration:** Approve the St. Johns River Water Management District's FY 2025–26 List of Critical Wetlands and delegate to the Executive Director the authority to remove parcels from the list upon request from the property owner.

Sheila Theus, Director, Real Estate Services Program, gave a PowerPoint presentation. A copy of the presentation has been made a permanent part of the record.

A MOTION WAS MADE BY RYAN ATWOOD TO APPROVE RECOMMENDATION, SECONDED BY DOUG BOURNIQUE. MOTION CARRIED UNANIMOUSLY.

Agenda Item 6. **Consideration:** Approve the District's 2025 Minimum Flows and Levels (MFLs) Priority List and Schedule.

Clay Coarsey, Director, Division of Water Supply Planning and Assessment, gave a PowerPoint presentation. A copy of the presentation has been made a permanent part of the record.

A MOTION WAS MADE BY DOUG BOURNIQUE TO APPROVE RECOMMENDATION, SECONDED BY CHRIS PETERSON. MOTION CARRIED UNANIMOUSLY.

Agenda Item 7. **Consideration:** Approve the Bureau of Operations and Maintenance Work Plan for FY 2025–26 with a not-to-exceed total budget of $5,185,000 and authorize the Executive Director to: (1) negotiate and execute associated procurement actions (purchase orders and/or contracts) as described in this agenda item; and (2) negotiate and execute any revenue agreement, amendment, or related budget transfer necessary to adjust funding sources if additional revenues are received from State Sources or program partners or other District sources are identified.

Amy Wright, Supervising Professional Engineer, Bureau of Operations and Maintenance, gave a PowerPoint presentation. A copy of the presentation has been made a permanent part of the record.

A MOTION WAS MADE BY RON HOWSE TO APPROVE RECOMMENDATION, SECONDED BY JANET PRICE. MOTION CARRIED UNANIMOUSLY.

Agenda Item 8. **For Information:** Public Comment.

Speaker:

- Ruth Amaro, Citizen

Consent Agenda

Agenda Item 9. **Consideration:** Approve minutes of the September 8, 2025 Tentative Budget Hearing; September 9, 2025 Governing Board Meeting; and September 15, 2025 Final Budget Hearing.

Approved (see agenda item #3).

Agenda Item 10. **Consideration:** Approve the Treasurer's Financial Report dated August 31, 2025.

Approved (see agenda item #3).

Agenda Item 11. **Consideration:** Approve Resolution 2025-13 to Amend the Fiscal Year 2024-25 Final Budget and authorize the Executive Director to implement the resolution and approve an external budget amendment between funds to conform to the requirements of Statement No. 96 of the Governmental Accounting Standards Board, Subscription-Based Information Technology Arrangements, for $2,309,219.29.

Approved (see agenda item #3).

Agenda Item 12. **Consideration:** Authorize the Executive Director to take actions related to the purchase of replacement motor vehicles and fleet assets for FY 2025–26 in an amount not to exceed $2,235,000.

Approved (see agenda item #3).

Agenda Item 13. **Consideration:** Approve award and authorize the Executive Director to: (1) negotiate and execute multi-year contracts with the three lowest responsible and responsive bidders for the District's Annual Civil Works Construction Services for FY 2025–28 with a shared funding cap of $5,200,000; (2) authorize any future increase of the shared cap up to an amount equivalent to external funding provided for projects utilizing these contracts; (3) negotiate and execute any contract amendments required to implement an increase to the cap by that external funding; and (4) execute all related budget transfers.

Approved (see agenda item #3).

Agenda Item 14. **Consideration:** Approve the FY 2025–26 Well Construction and Abandoned Artesian Well Plugging Work Plans and authorize the Executive Director to execute any necessary budget transfer between accounts to fully implement the approved work plans.

Approved (see agenda item #3).

Agenda Item 15. **Consideration:** Approve the necessary actions to acquire a fee-simple interest in a 27.4-acre parcel adjacent to the Lake George Conservation Area in Putnam County, Florida. The total budget amount is $265,000.

Approved (see agenda item #3).

Agenda Item 16. **Consideration:** Authorize the Executive Director to execute an amendment to a proprietary Conservation Easement for the Escape Ranch, L.C. property in Osceola County, Florida, modifying the reserved rights associated with the construction of on-site ponds.

Approved (see agenda item #3).

Agenda Item 17. **Consideration:** Authorize staff to publish a Notice of Proposed Rule in the Florida Administrative Register to complete rulemaking to amend Chapter 40C-2 of the Florida Administrative Code (F.A.C.), to promote use of reclaimed water and encourage quantifiable potable water offsets and update and clarify the Consumptive Use Permit rules.

Approved (see agenda item #3).

Other Items and Reports

Agenda Item 18. **For Information:** Pending litigation - significant events or significant status changes.

Erin Preston, General Counsel, reported on the following:

- Amber Boback v. Sun State Petrol I, LLC and Circle K Stores, Inc., SJRWMD
- Lake County v. HG Troon, LLC, SJRWMD
- Gary Custer, Louise Chen, Alan Chen, Ray Hayden, Lisa Hayden v. HG Troon, LLC, SJRWMD
- Florida Springs Council v. FDEP, SJRWMD, SWFWMD
- SJRWMD v. FWCD

Agenda Item 19. **For Information:** Governing Board comments.

Doug Bournique suggested that there should be signage on the State Road 46 bridge over the St. Johns River identifying the river.

Agenda Item 20. **For Information:** Executive Director's Report and Calendar.

Executive Director’s report:

- Graham Williams shares expertise on Lake Jesup media tour.
- Chris Peterson, Governing Board member, leads Indian River Lagoon conversation in Titusville.
- Lagoon Wetland Restoration progress.
- District Labs discuss data integrity.
- Marsh Master training at Sunnyhill.

Calendar of Upcoming Meetings/Events:

November 11	District Holiday – Veterans Day
November 12	Governing Board Meeting

Meeting adjourned at 11:16 a.m. - no conflicts declared.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

FROM: Michael A. Register, P.E.
Executive Director

SUBJECT: 2026 Governing Board Meeting Calendar

RECOMMENDATION
Approve the 2026 Governing Board Meeting Calendar.

BACKGROUND
The regular Governing Board meetings are normally scheduled for the second Tuesday of the month. The proposed dates for the Tuesday meetings of the District's Governing Board in 2026 are listed below.

January 13
February 10
March 10
April 14
May 12
June 9
July 14
August 11
September 8
October 13
November 10
December 8

AGENDA REQUEST FOR
GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Trina Vielhauer, Deputy
Office of Chief of Staff

SUBJECT: Approve the Treasurer's Financial Report dated September 30, 2025.

RECOMMENDATION
Approve the Treasurer's Financial Report dated September 30, 2025.

BACKGROUND
Monthly Financial Reports

DISCUSSION

Financial Highlights for September 30, 2025 Financial Report

- Twelve months or 100.0% through the fiscal year
- $ 131.71 million or 19.1% of the budget has been expended
- $ 64.26 million or 9.3% of the budget has been encumbered
- $ 195.97 million or 28.4% of the budget has been expended and encumbered
- $ 690.35 million revised budget
- $ 494.38 million unexpended and unencumbered
- Data is preliminary and will change as compared with the final Annual Comprehensive Financial Report, which will be completed and submitted for approval at the March 2026 Governing Board meeting.

- The District's total fund balance for the last five years as of the end of September follows:

9/30/21	9/30/22	9/30/23	9/30/24	9/30/25
$159,095,824	$166,675,281	$191,459,215	$174,566,022	183,717,343
11.2%	4.8%	14.9%	-8.8%	5.2%

- The District's total expenditures for the last five years as of the end of September follows:

9/30/21	9/30/22	9/30/23	9/30/24	9/30/25
$97,605,536	$106,894,228	$125,339,802	$177,709,996	$131,710,854
-5.2%	9.5%	17.3%	41.8%	-25.9%

- Revenue by source, fiscal year to date, September 30, 2025:

	Revised Budget	Collected Revenue	FYTD % of Budget	% Expected
Ad Valorem Property Taxes	$ 107,485,114	$ 107,529,264	100.0%	100.0%
Intergovernmental Revenues	487,802,435	18,712,185	3.8%	.
Investment Interest	1,290,000	7,077,528	548.6%	N/A
Unrealized Gains/Premiums**	-	1,397,406	N/A	N/A
Licenses and Permit Fees	2,125,000	2,418,749	113.8%	100.0%
Lease & Timber Sales	1,736,391	2,559,721	147.4%	100.0%
Other	299,040	1,532,337	512.4%	N/A
	$ 600,737,980	$ 141,227,190	23.5%	

** Due to adjusting value of investment portfolio to market resulting in unrealized gains, which are not expected to be realized and are not budgeted.

Legend: <10 11-20 >/= 20 N/A

N/A: Activity / expenditure driven

- All funds by major category, fiscal year to date, September 30, 2025:

	Revised Budget	Expenditures	FYTD % of Budget	% Time
Salaries and Benefits	$ 63,664,894	$ 56,068,899	88.1%	100.0%
Contracted Services	23,683,746	13,464,608	56.9%	100.0%
General Expenses	9,748,931	7,651,744	78.5%	100.0%
Materials and Supplies	4,984,909	3,536,982	71.0%	100.0%
Operating Capital Outlay	6,886,022	3,788,673	55.0%	100.0%
Fixed Capital Outlay	89,930,737	27,295,773	30.4%	100.0%
Land Acquisition	404,724,775	795,078	0.2%	100.0%
Cooperative Funding	85,896,011	18,391,264	21.4%	100.0%
Debt Services	825,580	717,833	86.9%	100.0%
	$ 690,345,605	$ 131,710,854	19.1%	100.0%

Legend: <10 11-20 >/= 20

- Procurement actions above $200,000, which have been approved and executed by the Executive Director, or Designee as defined in Procurement Policy 410(5):

  1. $2,819,879 FDEP - Contract 41671 - WATER FIRST North Florida

  2. $1,500,000 FDEP - Contract 41648 - Upper Ocklawaha River Basin Flood Protection Level of Service Assessment and Adaptation Planning

  3. $487,000 FDEP - Contract 41612 - Acquisition of Water Quality Laboratory Analysis Equipment

  4. $276,226 Fisher Scientific Co. - Purchase Order PO52394 - Purchase ICP-MS

  5. $275,000 Kisters North America - Amendment 2 to Contract 38756 - SS Implementation of Water Information System - Kisters Software Migration

- The top ten vendor payments made in the month of September are as follows:

  1. $1,265,241 – Brevard County BOCC Natural Res Mgmt. Office – Brevard County Titusville Causeway Multitrophic Restoration and Living Shoreline Resiliency Action Project

  2. $947,503 – SWIG Black Creek, LLC. – Black Creek Passive Media Filtration Technology Water Treatment

  3. $587,718 – Razorback LLC – Burrell Lock Rehabilitation

  4. $474,812 – City of Bunnell – Bunnell Wastewater Treatment Facility Improvements Project

  5. $452,964 – Westwind Contracting, Inc. – Black Creek Water Resource Development Aquifer Recharge Area Project, LANS Canal Clearing, Remove/Repair Structures at Lake Apopka North Shore, Sand Farm Wetland Clearing, Remove NuQuatics Building, Concrete Pad and Tanks, Installation of Aluminum Platforms and Regrade Wildlife Drive

  6. $406,569 – City of Vero Beach – Vero Beach Canal to Irrigation Water Project

  7. $287,580 – United States Geological Survey – Daily Potential and Reference Evapotranspiration for 2024 at 1-Kilometer Resolution for Florida and For Florida Watersheds Recharging Areas Underlain by the Floridan Aquifer System, Evapotranspiration in the Blue Cypress Marsh Water Conservation Area and Springs, Rivers/Streams Surface Water Program

  8. $277,267 – City of Umatilla – Umatilla Central Avenue Lift Station Redi/Innovative

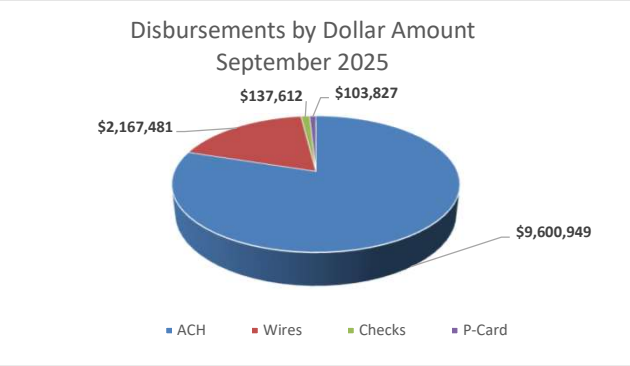
  9. $243,807 – Gannett Fleming, Inc. – Taylor Creek Reservoir Improvements Project

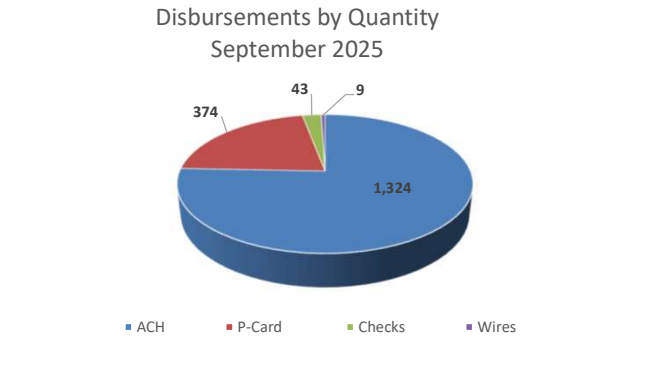
10. $237,817 – Alan Jay Automotive Management Inc. – (3) 2025 GMC Sierra 4WD Crew Cab Trucks and (1) 2025 GMC Sierra 4WD Duramax Truck

- Attached (at the end of the Treasurer's Report) are two three-year bar graphs representing total revenues and total expenditures for the period ending September 30, a bar graph representing total PCard activity for the months of September 2024 through August 2025, two PCard pie charts representing August 2025 transactions by dollar threshold and spend by Division.

Financial Report
Delegated Disbursements per FS 373.553
For the Month Ending September 30, 2025
UNAUDITED

Paper:			
Check numbers 224823 through 224865			$ 137,612
Electronic:			
Electronic funds transfers (ACH) to vendors transaction numbers 66111 to 66382			7,370,040
Payroll disbursements, net plus withholding and match (Checks $0, Wire $710,158 and ACH $2,230,909)			2,941,067
P-Card			103,827
Land Closing Wire-Henry Morgenstern/Lake George Forest, Volusia County			412,456
Wire transfer details:	Description		
Dept of Revenue	FRS Retirement - State of Florida	839,587	
Engie	Utility Bills	14,109	
Empower	Deferred Comp	79,112	
Engie	Utility Bills	36,521	
Engie	Utility Bills	1,986	
Empower	Deferred Comp	73,552	
			1,044,867
			$ 12,009,869





Cole Oliver, Treasurer

Date

St. Johns River Water Management District
Schedule of Sources and Uses of Funds - Budget and Actual
For the Twelve Month Period Ending September 30, 2025
(Unaudited)

Sources	Current Budget	Actuals Through 9/30/2025	Variance (under)/Over Budget	Actuals As A % of Budget
Ad Valorem Property Taxes	$ 107,485,114	$ 107,529,264	$ 44,150	100%
Intergovernmental Revenues	487,802,435	18,712,185	(469,090,250)	4%
Interest on Invested Funds	1,290,000	7,077,528	5,787,528	549%
Unrealized Gains and Amortization of Premiums	-	1,397,406	1,397,406	N/A
License and Permit Fees	2,125,000	2,418,749	293,749	114%
Other	2,035,431	4,092,058	2,056,627	201%
Subtotal	600,737,980	141,227,190	(459,510,790)	24%
Sale of Capital Assets/ Insurance Recovery	125,000	94,224	(30,776)	0%
Lease/SBITA Financing		1,764,671		
Fund Balance	89,482,625	89,482,625	-	100%
Total Sources	**$ 690,345,605**	**$ 232,568,710**	**$ (459,541,566)**	**34%**

Uses	Budget	Expenditures	Encumbrances [1]	Available Budget	% Expended	% Obligated [2]
Water Resources Planning and Monitoring	**$ 24,409,333**	**$ 18,635,941**	**$ 2,120,950**	**$ 3,652,442**	**76%**	**85%**
Salaries and Benefits	15,391,915	12,967,830	1,155	2,422,930	84%	84%
Operating Expenses	8,820,123	5,495,704	2,119,795	1,204,624	62%	86%
Cooperative Funding	48,464	48,464	-	-	0%	0%
Debt Services	148,831	123,943	-	24,888	83%	0%
Acquisition, Restoration and Public Works	**582,562,594**	**56,334,543**	**54,454,052**	**471,773,999**	**10%**	**19%**
Salaries and Benefits	12,134,924	10,641,466	809	1,492,649	88%	88%
Operating Expenses	54,356,617	13,262,213	20,481,147	20,613,257	24%	62%
Construction and Land Acquisition	473,763,308	21,722,285	9,097,321	442,943,702	5%	7%
Cooperative Funding	42,203,501	10,621,765	24,874,775	6,706,961	25%	84%
Debt Services	104,244	86,814	-	17,430	83%	0%
Operation and Maintenance of Lands and Works	**47,861,103**	**26,597,271**	**7,323,716**	**13,940,116**	**56%**	**71%**
Salaries and Benefits	9,590,068	9,353,126	819	236,123	98%	98%
Operating Expenses	17,091,951	10,606,355	3,490,985	2,994,611	62%	82%
Construction and Land Acquisition	20,892,204	6,368,566	3,831,912	10,691,726	30%	49%
Debt Services	286,880	269,224	-	17,656	94%	94%
Regulation	**20,291,315**	**16,671,998**	**196,856**	**3,422,461**	**82%**	**83%**
Salaries and Benefits	17,494,949	15,027,197	1,221	2,466,531	86%	86%
Operating Expenses	2,638,966	1,513,722	195,635	929,609	57%	65%
Debt Services	157,400	131,079	-	26,321	0%	0%
Outreach	**1,823,195**	**1,341,279**	**4,994**	**476,922**	**74%**	**74%**
Salaries and Benefits	1,275,593	984,389	95	291,109	77%	77%
Operating Expenses	535,477	346,803	4,899	183,775	65%	66%
Debt Services	12,125	10,087	-	2,038	0%	0%
Management and Administration	**13,398,065**	**12,129,822**	**160,145**	**1,108,098**	**91%**	**92%**
Salaries and Benefits	7,777,445	7,094,890	901	681,654	91%	91%
Operating Expenses	5,504,520	4,938,246	159,244	407,030	90%	93%
Debt Services	116,100	96,686	-	19,414	0%	0%
Operating Expenses	152,612,548	92,231,941	26,456,705	33,923,902	60%	78%
Non-Operating Expenses	537,733,057	39,478,913	37,804,008	460,450,136	7%	14%
Total Uses	**$ 690,345,605**	**$ 131,710,854**	**$ 64,260,713**	**$ 494,374,038**	**19%**	**28%**

[1] Encumbrances represent unexpended balances of open purchase orders and contracts.
[2] Represents the sum of expenditures and encumbrances as a percentage of the current budget.

This unaudited financial statement is prepared as of September 30, 2025

St. Johns River Water Management District
Balance Sheet -- Governmental Funds
September 30, 2025

	General Fund	Special Revenues Fund	Capital Projects Fund	Total All Funds
Assets				
Cash & Investments	$ 145,235,505	$ 30,710,578	$ 1,592,480	$ 177,538,563
Lease & Interest Receivable	753,296	1,883,878	-	2,637,174
Due from Special Revenues Fund	15,848,897	-	-	15,848,897
Inventory	741,466	-	-	741,466
Due from other Governmental Agencies	203,268	15,848,897	-	16,052,165
Other Assets	571,948	-	-	571,948
Total Assets	**$ 163,354,380**	**$ 48,443,353**	**$ 1,592,480**	**$ 213,390,213**
Liabilities				
Accounts Payable and Accrued Expenses	$ 6,030,635	$ 2,958,392	$ 746,581	$ 9,735,608
Due to General Fund	-	15,848,897	-	15,848,897
Unearned Revenue	-	2,344,997	-	2,344,997
Total Liabilities	**6,030,635**	**21,152,286**	**746,581**	**27,929,502**
Deferred Inflows of Resources				
Unavailable Revenue-Property Taxes/Leases	168,701	1,574,667	-	1,743,368
Total Deferred Inflows of Resources	**168,701**	**1,574,667**	**-**	**1,743,368**
Fund Balances				
Nonspendable:				
Inventory/Prepaids	1,313,414	-	-	1,313,414
Spendable:				
Restricted:	-	16,445,103	-	16,445,103
Committed:	128,118,865	9,271,297	-	137,390,162
Assigned:	3,252,020	-	845,899	4,097,919
Unassigned:	24,470,745	-	-	24,470,745
Total Fund Balance	**157,155,044**	**25,716,400**	**845,899**	**183,717,343**
Total Liabilities, Deferred Inflows of Resources and Fund Balances	**$ 163,354,380**	**$ 48,443,353**	**$ 1,592,480**	**$ 213,390,213**

St. Johns River Water Management District
Statement of Revenues, Expenditures and Changes in Fund Balance
For the Twelve Month Period Ending September 30, 2025

	General Fund	Special Revenues Fund	Capital Projects Fund	Actual Year to Date
Revenue				
District Sources:				
Ad Valorem Taxes	$ 107,529,264	$ -	$ -	$ 107,529,264
Investment Earnings	5,919,546	1,157,982	-	7,077,528
Unrealized Gains & Amortization of Premiums	1,316,877	80,529	-	1,397,406
Local Mitigation	-	192,066	-	192,066
Licenses and Permits	2,418,749	-	-	2,418,749
Lease and Timber Sales	-	2,559,721	-	2,559,721
Fines and Other Assessments	365,330	-	-	365,330
Other	798,209	-	-	798,209
State Sources:				
Dept. of Environmental Protection	-	16,068,637	-	16,068,637
Dept. of Transportation	-	55,185	-	55,185
Fish & Wildlife Conservation Comm.	-	727,651	-	727,651
Federal Sources:				
U.S. Department of the Treasury	-	651,463	-	651,463
U.S. Department of Commerce	-	82,624	-	82,624
U.S. Department of the Interior/Fish & Wildlife	-	99,601	-	99,601
Local/Other Sources:				
Cities & Counties	-	1,027,024	-	1,027,024
Suwannee River WMD	-	145,012	-	145,012
Northwest WMD	-	18,720	-	18,720
South FL WMD	-	13,000	-	13,000
Total Revenues	**118,347,975**	**22,879,215**	**-**	**141,227,190**
Expenditures				
Water Resources Planning & Monitoring	18,081,308	430,690	-	18,511,998
Acquisition, Restoration & Public Works	27,874,750	13,792,554	14,580,425	56,247,729
Operation & Maintenance of Lands & Works	17,416,925	7,450,369	1,460,752	26,328,046
Regulation	16,519,279	21,641	-	16,540,920
Outreach	1,329,527	1,665	-	1,331,192
District Management & Administration	12,017,173	15,963	-	12,033,136
Debt Service:				
Principal & Interest-Lease	181,284	-	-	181,284
Principal & Interest-SBITA	536,549	-	-	536,549
Total Expenditures	**93,956,795**	**21,712,882**	**16,041,177**	**131,710,854**
Other Financing Sources/Uses:				
Net Transfer In/Out from Other Funds	(15,238,138)	(261,862)	15,500,000	-
Sale of Capital Assets	62,058	-	-	62,058
Insurance/Loss Recovery	32,166	-	-	32,166
SBITA Financing	1,764,671	-	-	1,764,671
Total Other Financing Sources	**(13,379,243)**	**(261,862)**	**15,500,000**	**1,858,895**
Net Change in Fund Balance	**11,011,937**	**904,471**	**(541,177)**	**11,375,231**
Fund Balance, beginning of year	**146,143,107**	**24,811,929**	**1,387,076**	**172,342,112**
Fund Balance, as of September 30, 2025	**$ 157,155,044**	**$ 25,716,400**	**$ 845,899**	**$ 183,717,343**

Treasurer's Report
Changes in Cash and Investments
For the Month Ending September 30, 2025

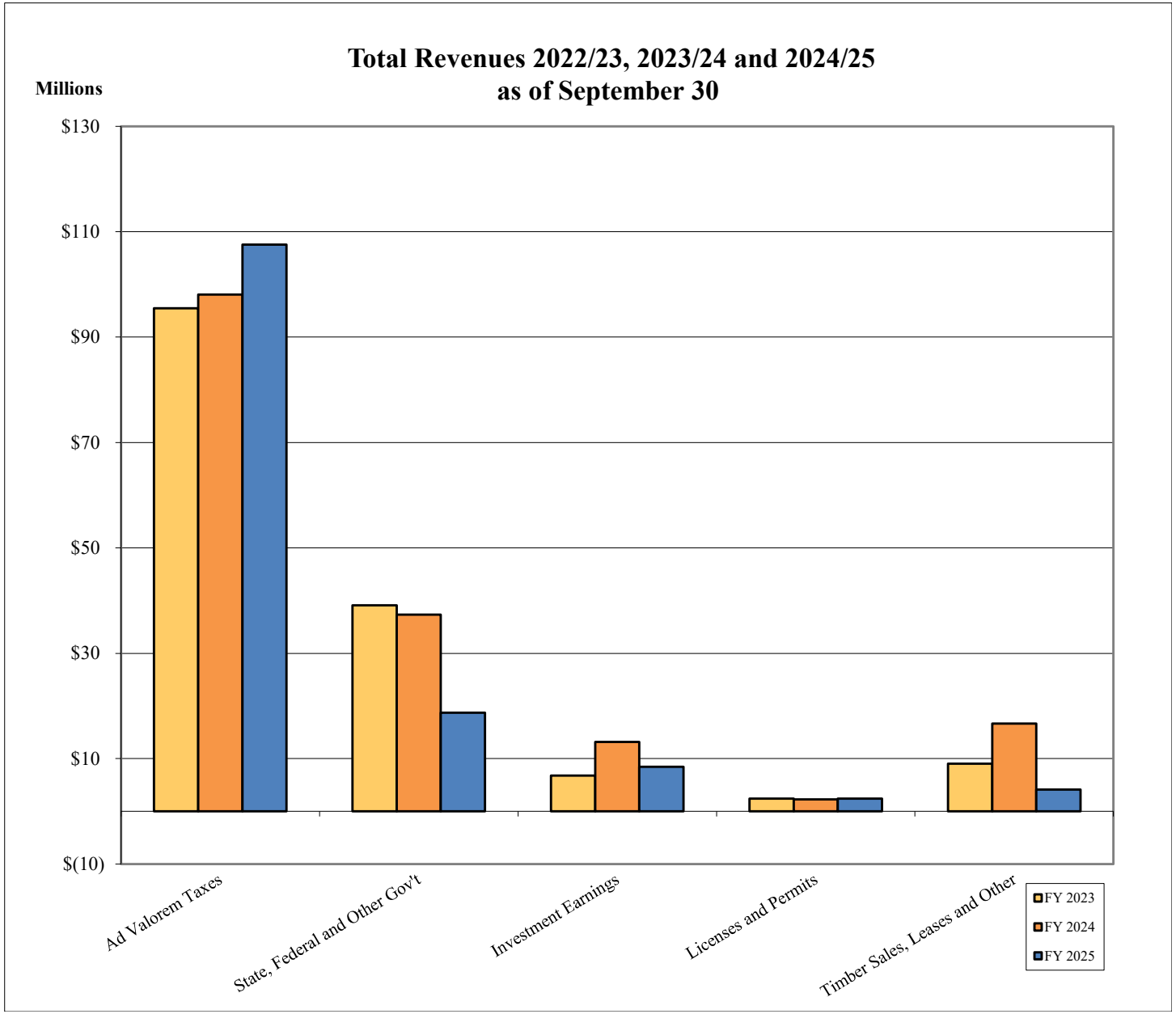
Beginning balances, September 1, 2025		
General Fund	$ 152,347,541	
Special Revenue Funds	30,209,949	
Capital Projects Funds	2,237,998	
		$ 184,795,488
Receipts		4,763,669
Disbursements:		
* Accounts payable	(8,656,346)	
* Net payroll and related match	(2,941,067)	
Land closing/escrow wire transfers	(412,456)	
Total disbursements		(12,009,869)
Changes in Investments:		
Unrealized gain (loss) on investments		(77,027)
Amortization of premium/discounts		66,302
Ending balances, September 30, 2025		
General Fund	145,235,505	
Special Revenue Funds	30,710,578	
Capital Projects Funds	1,592,480	
Total cash and investments, as of September 30, 2025		$ 177,538,563

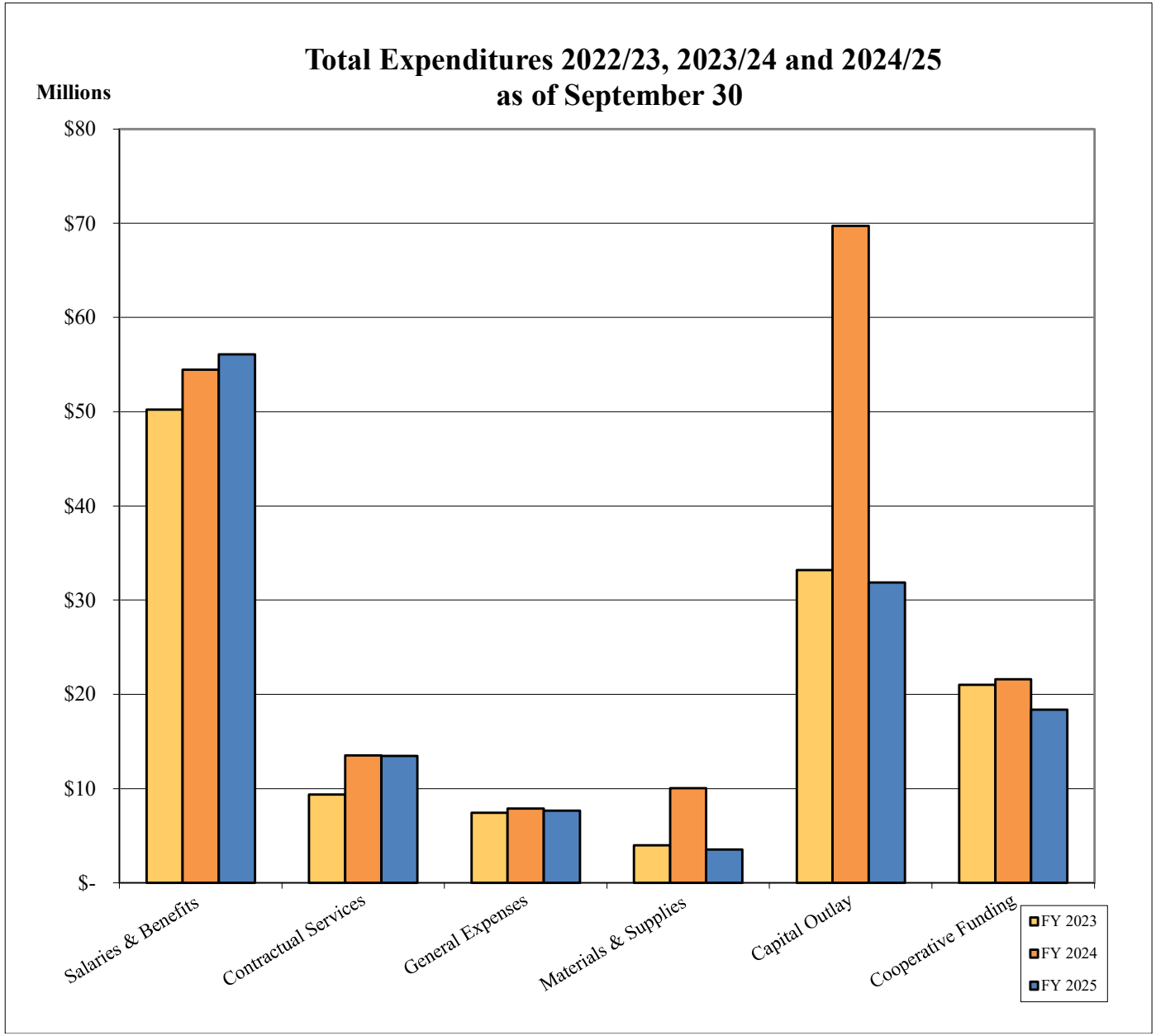
Cash and investments classified as:	Yield as of end of month	
Cash in bank - TD Bank	1.90%	$ 600,405
** Securities - Long Term Investments - PTA	3.76%	101,425,885
** Securities - Endowment - PTA	4.10%	16,171,819
Money market funds - PTA	3.15%	843,611
Money market funds - Endowment - PTA	3.15%	169,571
State Board of Administration Pooled Cash - FL PRIME	4.39%	58,327,272
		$ 177,538,563

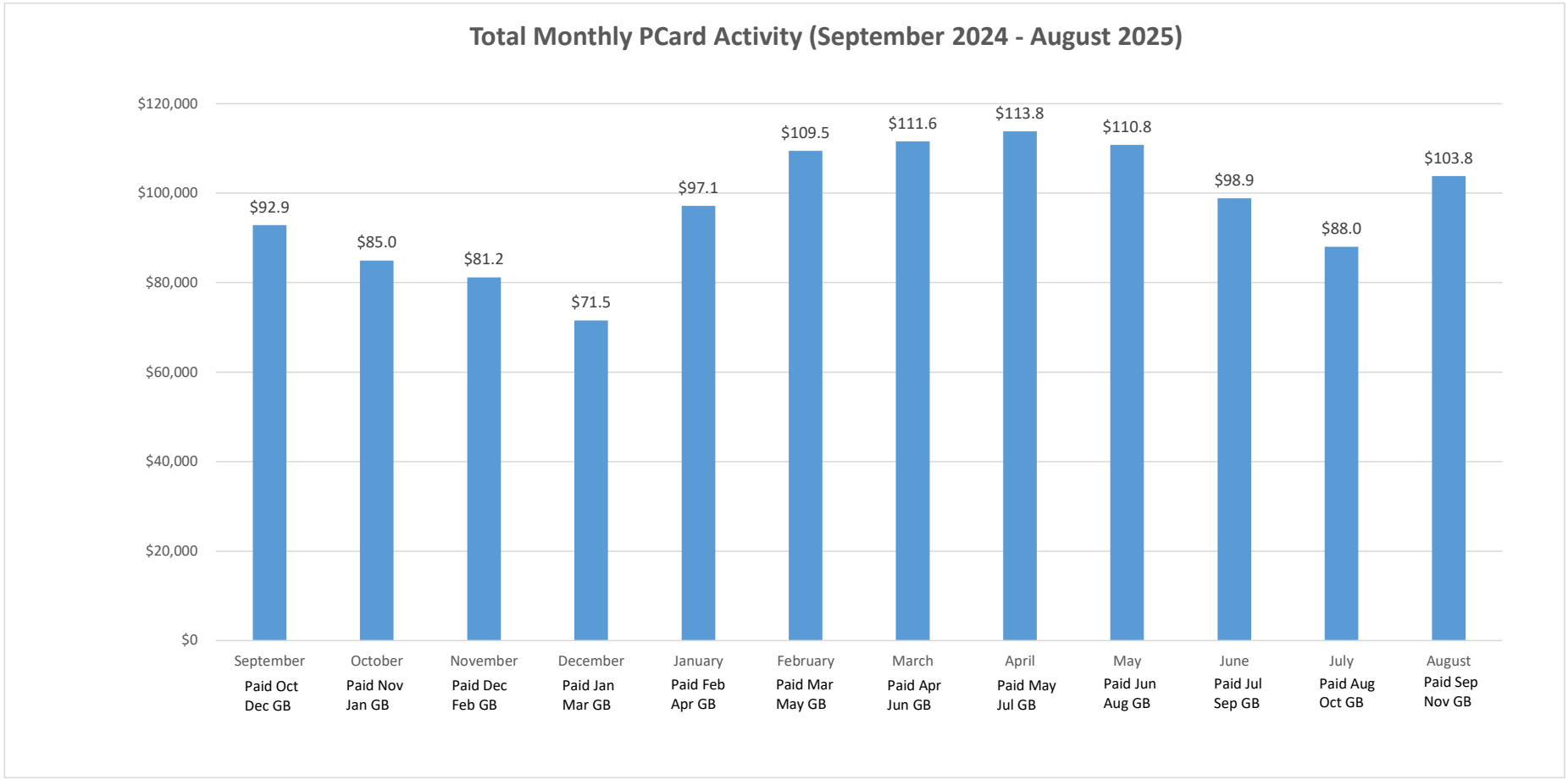
Securities Revenue: Securities are managed pursuant to an agreement with Public Trust Advisors (PTA). At September 30, 2025, the original cost of the investment portfolio including money markets funds was $117,867,221 and the market value was $118,610,886 resulting in a life-to-date unrealized gain of $743,665. For the month ending September 2025, the portfolio had earned interest of $638,008 with an unrealized loss of ($77,027), amortization of premiums/discounts of $66,302 and investment fees of ($5,924). Fiscal year to date return on investments, net of unrealized gains, amortization, and investment fees is $8,474,934.

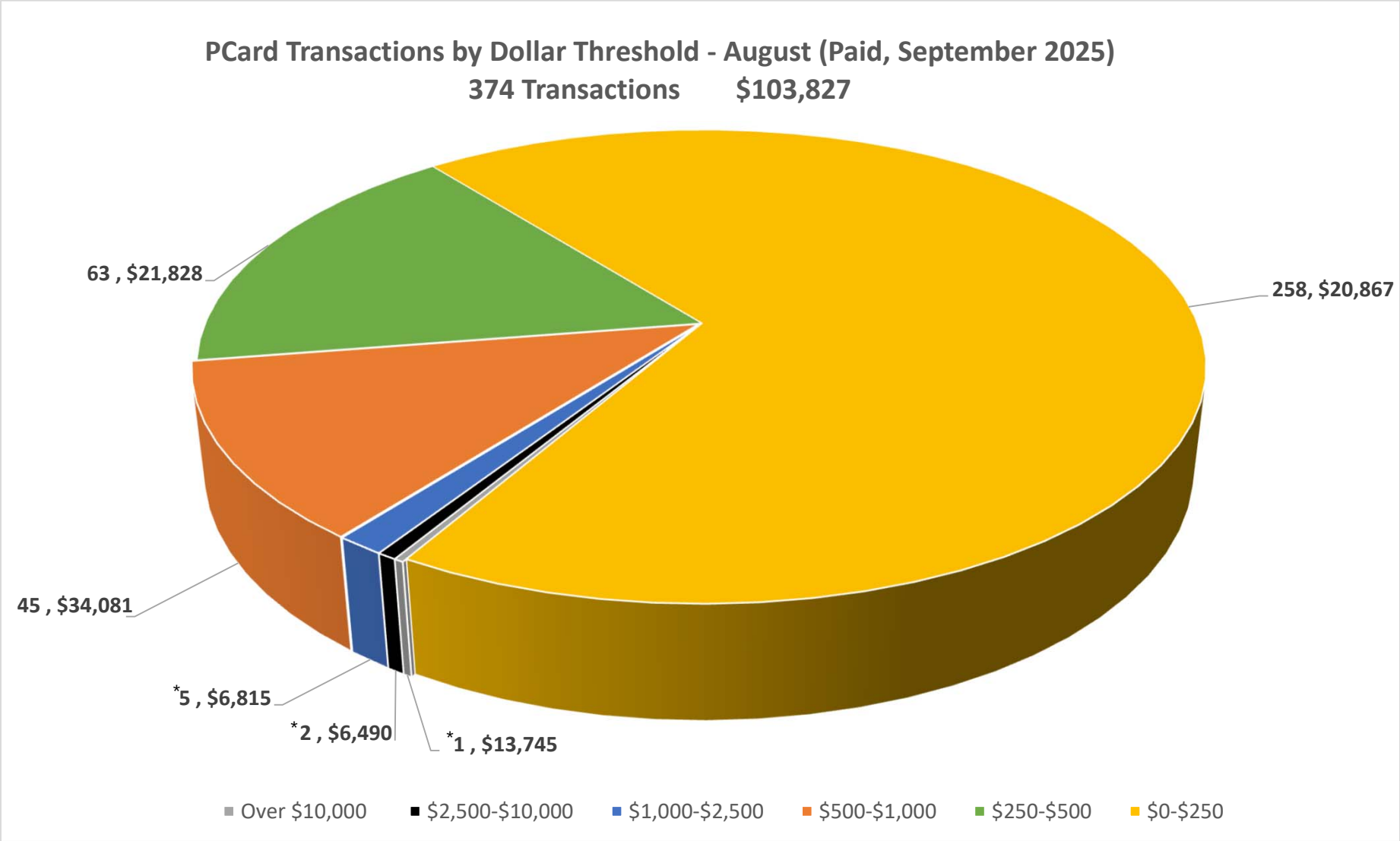
* see attached detail of disbursements by type

** reported yield per PTA quarterly Performance Review as September 30, 2025 -Yield to Maturity at Cost









*Purchasing card transactions that exceed $1,000 included:

$14,869.43 - Computer and Technology Services

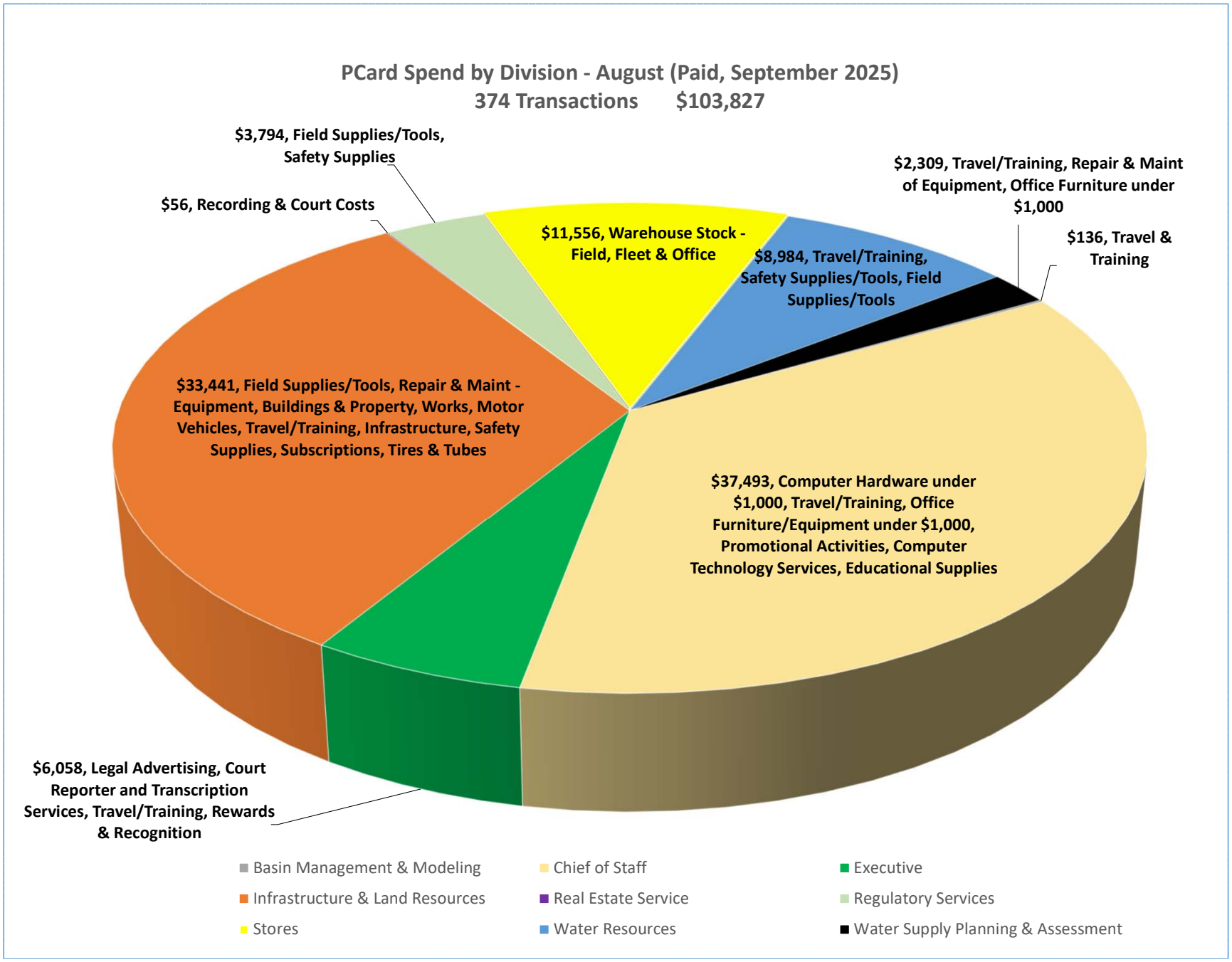
$ 4,050.57 - Office Furniture and Equipment

$ 3,444.17 - Regulatory Services - Field Supplies

$ 2,020.00 - Employee Training and Retention

$ 1,596.00 - Fleet - Repairs

$ 1,071.00 - Office of General Counsel - Court Reporting Services



AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Trina Vielhauer, Deputy
Office of Chief of Staff

SUBJECT: Quarterly Report of Executive Director-Approved Surplus of District Assets with an Original Cost of Less than $100,000

FOR INFORMATION

Attached is the quarterly report of Executive Director-approved surplus of district assets with an original cost of less than $100,000 in accordance with District Policy 370, Capital Asset Accounting and Disposition.

As described in the attached Declaration and Disposal Report, the Executive Director approved the Office of Information Technology, the Bureau of Land Resources and the Bureau of Transportation and Facilities' requests to surplus fixed assets that were determined by the requesting bureau to serve no useful function.

Property approved for surplus was managed as outlined in District Administrative Directive 371, Capital Asset Accountability, and chapter 274 of the Florida Statutes (F.S.). In accordance with section 274.06, F.S. the assets were disposed of by auction, demolished, or scrapped.

Declaration and Disposal Report

for the period 07/01/25 - 09/30/25

Item No.	Asset #	Acquisition Date	Capitalized Cost	Description	Serial Number	Reason for Surplus
1	A1-3703	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFBH26525	Printers are retired, out of warranty, and have been replaced.
2	A1-3704	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15973	Printers are retired, out of warranty, and have been replaced.
3	A1-3705	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15982	Printers are retired, out of warranty, and have been replaced.
4	A1-3706	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFDF10250	Printers are retired, out of warranty, and have been replaced.
5	A1-3707	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFBH26499	Printers are retired, out of warranty, and have been replaced.
6	A1-3708	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15987	Printers are retired, out of warranty, and have been replaced.
7	A1-3709	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFBH26523	Printers are retired, out of warranty, and have been replaced.
8	A1-3710	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15971	Printers are retired, out of warranty, and have been replaced.
9	A1-3711	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15984	Printers are retired, out of warranty, and have been replaced.
10	A1-3712	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15966	Printers are retired, out of warranty, and have been replaced.
11	A1-3713	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15969	Printers are retired, out of warranty, and have been replaced.
12	A1-3714	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFBH26481	Printers are retired, out of warranty, and have been replaced.
13	A1-3715	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFFH15992	Printers are retired, out of warranty, and have been replaced.
14	A1-3716	8/7/2018	$11,742.86	Toshiba Estudio2000AC	CFBH26529	Printers are retired, out of warranty, and have been replaced.
15	15895	9/5/2001	$27,060.00	Security Residence - Moses Creek	FLHML2P5378223A & B	Mobile home is damaged and uneconomically repairable; potential safety hazard.
16	16247	9/30/2002	$5,350.00	Agricultural Grain Barn - Deep Creek	N/A	Very poor condition, dilapidated, potential safety hazard; was part of the acquisition on the land.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Trina Vielhauer, Deputy
Office of Chief of Staff

SUBJECT: Investment Performance Review - Quarter ended September 30, 2025

FOR INFORMATION

Attached is the report from Public Trust Advisors LLC of the District's investment performance for the quarter ended September 30, 2025, in compliance with District Policy 320 and Chapter 218.415, Fla. Stat.

PUBLIC® TRUST ADVISORS

Portfolio Strategy Review

John F. Grady, Managing Director

November 12, 2025

Disclosures

This presentation is not an advertisement of Public Trust Advisors' advisory services. It is a one-on-one discussion to review your account performance and holdings for a specific period of time. This is not intended for a broader audience and should only be distributed within the client's organization.

Data unaudited. This presentation is for informational purposes only. The information contained herein has been obtained from sources that we believe to be reliable, but its accuracy and completeness are not guaranteed. The information presented should not be used in making any investment decisions and is not a recommendation to buy, sell, implement, or change any securities or investment strategy, function, or process. Any financial and/or investment decision should be made only after considerable research, consideration and involvement with an experienced professional engaged for the specific purpose. All comments and discussion presented are purely based on opinion and assumptions, not fact, and these assumptions may or may not be correct based on foreseen and unforeseen events.

Many factors affect performance including changes in market conditions and interest rates and in response to other economic, political, or financial developments. Investment involves risk, including the possible loss of principal. No assurance can be given that the performance objectives of a given strategy will be achieved. Public Trust Advisors is not a bank and your investment with Public Trust Advisors is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Past performance is not an indicator of future performance or results. Any financial and/or investment decision may incur losses.

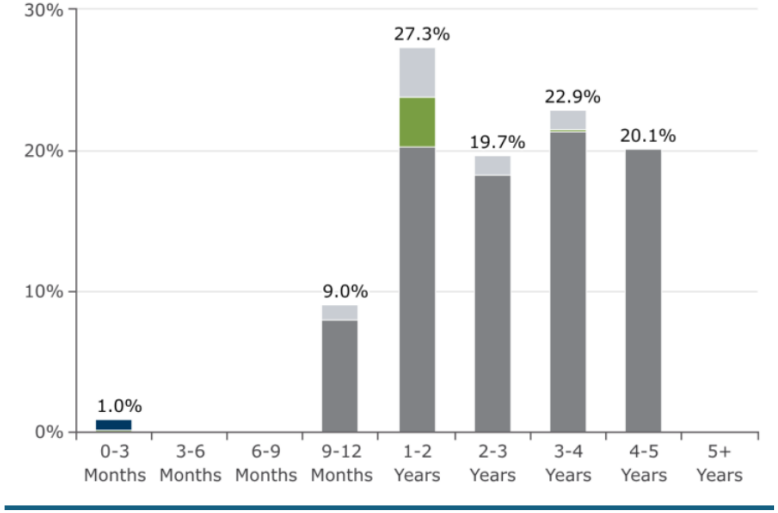
Public Trust Advisors
717 17th Street, Suite 1850
Denver, Colorado 80202

Operating Portfolio Strategy Update

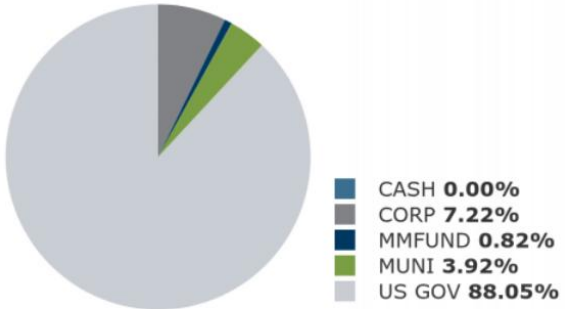
Investment Strategy and Maturity Structure

- The Operating portfolio duration was 2.49 years at quarter end, as the portfolio management team maintained a neutral duration strategy during the period. 90.0% of the investment holdings are within the 1-5 year maturity range.
- Reinvested $6.7mm (6.5% of the portfolio) for the Operating Portfolio in U.S. Treasuries during the quarter with a dollar weighted average maturity of 4.7 years and book yields between 3.7% and 3.9%.

Maturity Distribution by Type



Asset Allocation



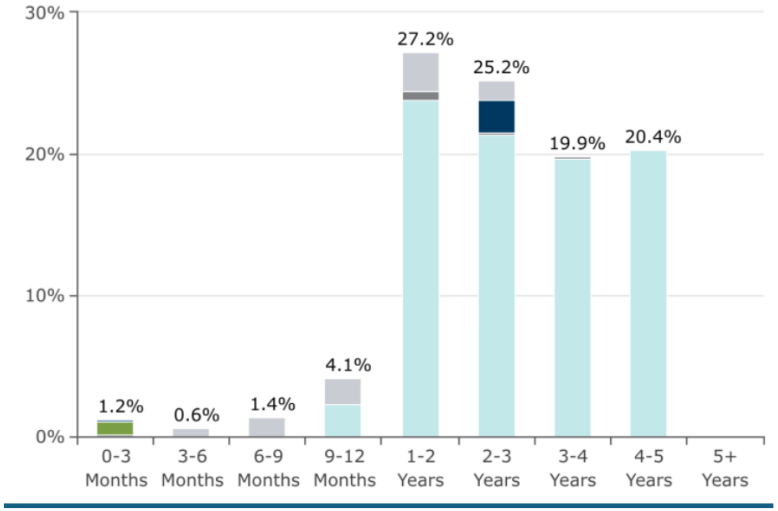
	06/30/25	09/30/25
Duration	2.493	2.496
Years to Effective Maturity	2.667	2.672
Years to Final Maturity	2.670	2.676
Coupon Rate	3.119	3.083
Book Yield	3.764	3.765
Market Yield	3.804	3.684
Benchmark Yield	3.771	3.664

Endowment Portfolio Strategy Update

Investment Strategy and Maturity Structure

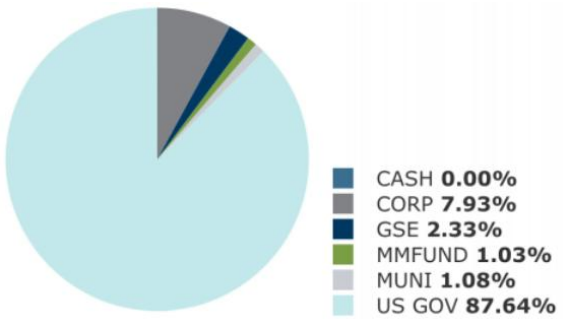
- The duration of the Endowment Fund portfolio was neutral at 2.49 years as of quarter end. 92.7% of the investment holdings are within the target 1-5 year maturity range.
- Reinvested $1.2 (7.2% of the portfolio) for the Endowment Fund portfolio in U.S. Treasuries during the quarter with a dollar weighted average maturity of 4.3 years and book yields between 3.7% and 4.0%.

Maturity Distribution by Type



	06/30/25	09/30/25
Duration	2.498	2.492
Years to Effective Maturity	2.672	2.666
Years to Final Maturity	2.674	2.668
Coupon Rate	3.256	3.228
Book Yield	4.070	4.050
Market Yield	3.785	3.679
Benchmark Yield	3.771	3.664

Asset Allocation



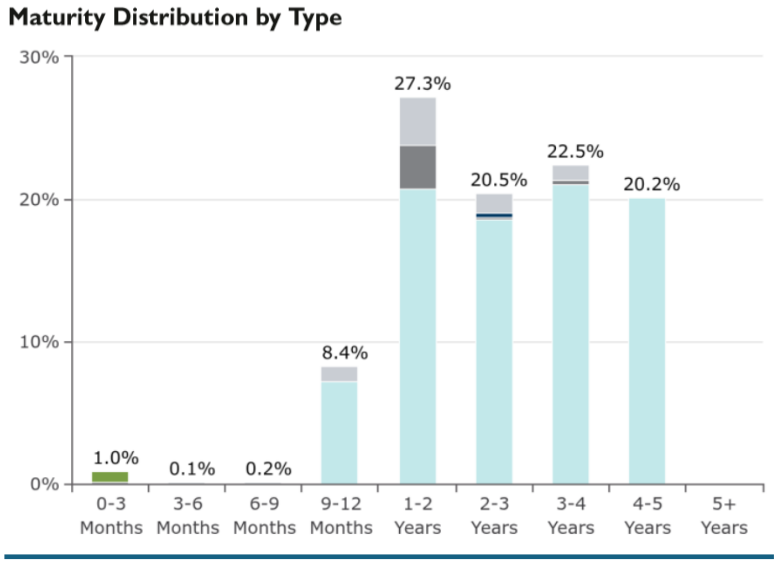
Aggregate Portfolio Strategy Update

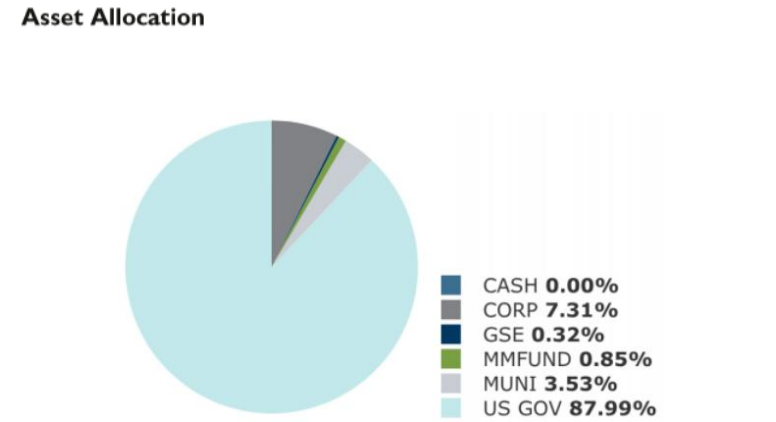
Investment Strategy and Maturity Structure

- The duration for the Aggregate portfolio was 2.50 years as of the end of the quarter, in line with the target duration of 2.5-2.6 years. 90.5% of the aggregate investment holdings are within the 1-5 year maturity range.
- We continue to invest in U.S. Treasuries for duration and we seek opportunities in municipal bonds and corporate notes for diversification, based on relative value.

Asset Allocation and Diversification

- Maintained a well-diversified strategy for the Aggregate portfolio with asset allocations in permitted fixed income securities with maturities of five years and less.
- The aggregate portfolio is heavily weighted to U.S. Treasury securities due to limited yield advantage in GSE's, as well as compressed yields and limited availability of approved municipal and corporate note issues.





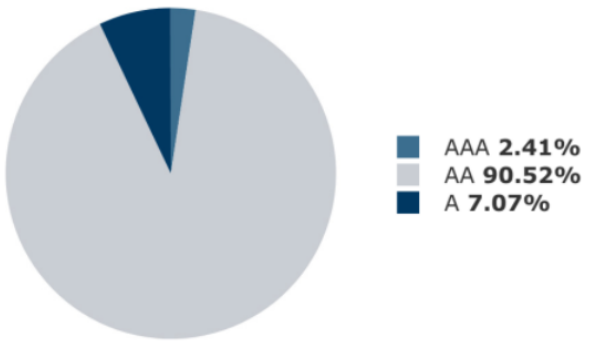
Aggregate Portfolio Characteristics – September 30, 2025

Portfolio Characteristics

- Interest rates continued to trend lower during the third quarter of 2025. This is a continuation of the lower yield trend that began at the beginning of the year, initially from uncertainty over tariffs. The FOMC reduced the overnight rate by 0.25% during the September meeting, with additional rate cuts widely expected at the October and December FOMC meetings.
- Even as yields continued to trend lower, the aggregate portfolio book yield was steady during the quarter. We focused on U.S. Treasuries during the period, investing in yields between 3.7% and 3.9%.
- The aggregate holdings include U.S. Treasuries (88.0%), Federal Agencies (0.3%), Municipal Bonds (3.5%), and Corporate Notes (7.3%).
- The District's investment program is compliant with the IPS and Florida State Statutes.

	06/30/25	09/30/25
Duration	2.494	2.496
Years to Effective Maturity	2.667	2.671
Years to Final Maturity	2.671	2.675
Coupon Rate	3.138	3.103
Book Yield	3.806	3.805
Market Yield	3.801	3.683
Benchmark Yield	3.771	3.664

Allocation by Standard and Poor's Rating



Portfolio Characteristics – September 30, 2025

Security Distribution	September 30, 2025 Ending Balance	Book Yield	Portfolio Allocation	Permitted by Policy*	Compliant
Cash	$ 600,405	1.90%	0.34%	100%	YES
LGIP	58,327,272	4.39%	32.85%	50%	YES
U.S. Treasury Notes	104,400,250	3.74%	58.80%	100%	YES
FHLB	382,006	3.86%	0.22%	40%	YES
Corporate Notes	8,662,140	4.68%	4.88%	25%	YES
Money Market Funds	1,013,182	3.15%	0.57%	50%	YES
State and/or Local Government	4,153,309	3.96%	2.34%	25%	YES
Total Portfolio Market Value	**$ 177,538,563**	**3.99%**	**100.00%**		

AGENDA REQUEST FOR
GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO:	Governing Board
THROUGH:	Michael A. Register, P.E. Executive Director
FROM:	Dale Jenkins, P.G., Director Division of Infrastructure and Land Resources
SUBJECT:	Management Plan Update for T.M. Goodwin Waterfowl Management Area

RECOMMENDATION
Approve the 2025–2035 Management Plan update for T.M. Goodwin Waterfowl Management Area in Brevard County.

BACKGROUND
The T.M. Goodwin Waterfowl Management Area Management Plan (MP) provides guidance for land management activities within T.M. Goodwin Waterfowl Management Area (TMGWMA) over the next 10 years. The MP was developed by the Florida Fish and Wildlife Conservation Commission (FWC) in accordance with Chapters 253 and 259, Florida Statutes. This plan updates the December 2015 Governing Board-approved MP.

Located in Brevard County, TMGWMA is comprised of two parcels totaling 6,482 acres (Figure 1). Both parcels are owned full fee by the St. Johns River Water Management District (District). Under the terms of a June 2021 intergovernmental agreement, the FWC has lead management authority for all resources within TMGWMA. Acquisition funding sources for TMGWMA include the Save our Rivers Program, Preservation 2000, and Wetlands Reserve Program.

Parcel acquisitions for TMGWMA were (and future considerations for acquisition will be) consistent with the goals of the Upper St. Johns River Basin as set forth in the District's Five-Year Strategic Plan. Goals of the MP are habitat restoration and improvement; public access and recreational opportunities; hydrological preservation and restoration; invasive and non-native species maintenance and control; and imperiled species habitat maintenance, enhancement, and restoration.

DISCUSSION
A wide range of resource management actions are conducted in TMGWMA each year, including wildland fire and fuels management, invasive species maintenance and control, recreation management, and habitat restoration and enhancement.

The draft MP can be found here:
https://aws.sjrwmd.com/SJRWMD/lands/management/plans/2025-2035_TM-Goodwin-WMA-Management-Plan.pdf

The Executive Summary of the TMGWMA MP is as follows:

T.M. Goodwin Waterfowl Management Area Management Plan Summary

Conservation Area Size: 6,482 acres

Date of Acquisition: Acquisition of parcels within TMGWMA began in 1988.

Date of Plan: November 12, 2025

Major Basins: Upper St. Johns River

Planning Basins: St. Johns Marsh

Location: TMGWMA includes two tracts in southern Brevard County, approximately 11 miles southwest of Palm Bay.

Funding Source: Acquisition funding sources for TMGWMA include the Save our Rivers Program, Preservation 2000, and Wetlands Reserve Program (WRP).

Management Partners: TMGWMA is managed as a waterfowl management area and public small game hunting area, along with other compatible fish- and wildlife-focused recreational uses, by the FWC through a cooperative agreement. The FWC has lead management authority for all resources within the established boundary.

FWC Assessment of Resource Protection and Management for TMGWMA:

- **Water Resources** – TMGWMA is located within the historic Upper St. Johns River floodplain marsh. Prior to acquisition, this marsh underwent significant hydrologic modification. Currently, water levels are managed (primarily for habitat management) through a network of impoundments, canals, berms, and water control structures. If modifications to water level management on TMGWMA are being considered, the FWC will consult with the District.
- **Forest Management and Restoration** – There are no timber resources on TMGWMA. As a result, the FWC has determined that a professional forest assessment for TMGWMA is unnecessary.
- **Fire Management** – The FWC employs a fire management regime to maintain or increase species and plant diversity and will continue a prescribed burning program on TMGWMA in accordance with management objectives and the TMGWMA Prescribed Fire Management Plan.
- **Flora and Fauna** – Due to the active wildlife and moist soil management practices at TMGWMA, a variety of wildlife, including waterfowl and rare or imperiled game and nongame species, can be found on the area. In managing for the conservation of wildlife species, an emphasis is placed on migrating, wintering, and resident waterfowl. Invasive plant and animal species occur on TMGWMA. The FWC regularly monitors the presence of invasive plants and animals and executes appropriate control actions.
- **Cultural and Historical Resources** – A review of the Department of State Division of Historical Resources Master Site File indicates one archaeological site and one historical resource group within the boundaries of TMGWMA.

Land Use Management:

- **Access** – One designated entrance provides access to TMGWMA.
- **Recreation** – TMGWMA is open to the public for recreation including hunting, fishing, boating, paddling, hiking, bicycling, horseback riding, geocaching, and wildlife watching.
- **Security** – Maintenance of fence lines, parking areas, gates, and locks is conducted by the FWC. TMGWMA management coordinates with the FWC Division of Law Enforcement, the Florida Highway Patrol, and the Brevard County Sheriff's Office.

Administration:

- **Real Estate Administration** – Multiple properties, equaling approximately 10,380 acres, have been identified for recommended acquisition under the auspices of the FWC's Additions and Inholdings Acquisition program for TMGWMA. In addition, the District may recommend that the Governing Board consider purchase of available parcels near TMGWMA that will aid in the conservation of water resources within the Upper St. Johns River and Indian River Lagoon basins.
- **Cooperative and Special Use Agreements, Leases, and Easements** – A 30-year Natural Resource Conservation Service WRP conservation easement on the Broadmoor Marsh Unit expires in 2028. Additionally, there is a perpetual drainage easement on the Broadmoor Marsh Unit granted to James Sartori and Willowbrook Farms as well as one housing agreement with an FWC employee.
- **Management Costs and Revenues** – FWC is responsible for all management costs at TMGWMA. These costs are projected to be $15,904,148.58 from 2025–2035. Revenue generating potential of TMGWMA will depend upon future uses described in the MP, if such projects are feasible.

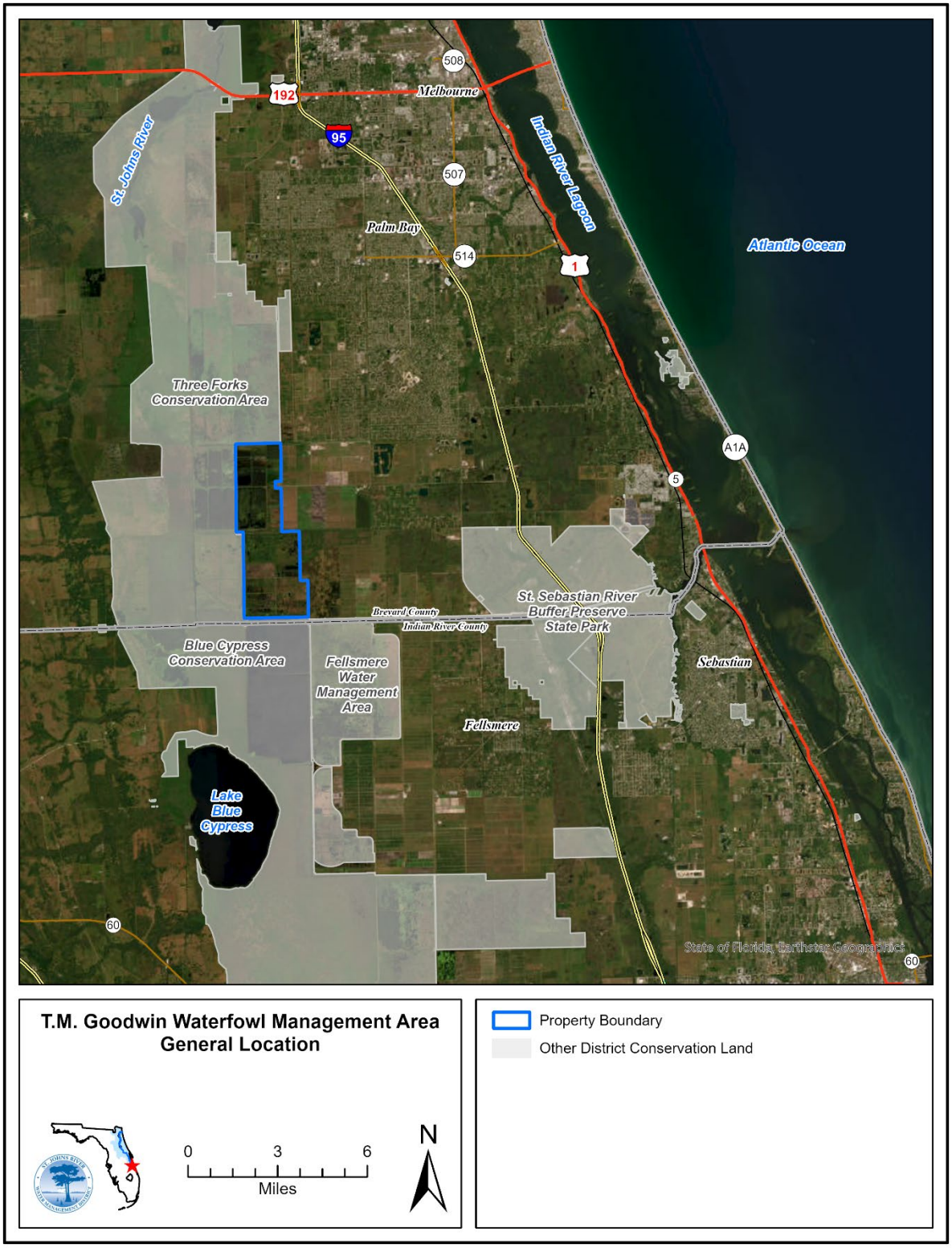


Figure 1: T.M. Goodwin Waterfowl Management Area Location.

AGENDA REQUEST FOR
GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Dale Jenkins, P.G., Director
Division of Infrastructure and Land Resources

SUBJECT: Amendment to Contract 38557 – South Region Large Machine Mowing

RECOMMENDATION
Authorize the Executive Director to (1) negotiate and execute an amendment to District Contract 38557 with Heath Beimly Services, LLC for Standard and Levee Large Machine Mowing Services for the South Region, to extend the term by two years at the current rate per mowing cycle; and (2) execute all related budget transfers.

Amount: $517,754.16 (increased funding)

Fiscal Year	Amount
FY 2025–26	$171,510.24
FY 2026–27	$258,877.08
FY 2027–28	$87,366.84
TOTAL	**$517,754.16**

Account Name: Vegetation Management

Funding Source: District Sources, Land Management Revenue, State Sources - Land Acquisition Trust Fund

Budget Authority: FY 2025-26; FY 2026–28 (anticipated)

Budget: $517,754.16

EOG Program/Activity Code: 3.1.0 Land Management; 3.2.0 Works

Scheduled Completion: March 31, 2028

***Notes:** The estimated amounts represent the projected spend plan per fiscal year for the proposed funding and may be reallocated between years. The amounts for succeeding fiscal years are contingent upon Governing Board approval of each fiscal year's budget.

BACKGROUND

Following a competitive solicitation, the District and Heath Beimly Services, LLC (Beimly) entered into Contract 38557 for Standard and Levee Large Machine Mowing Services for the South, South Central, and Southwest Regions on March 9, 2023. Subsequently, Beimly did not believe they could complete the work in all three regions and opted out of the Central and Southwest areas. Therefore, on April 14, 2023, the contract was amended to reduce the scope to just the South Region. The expiration date of the contract is March 31, 2026, unless extended by mutual agreement of the parties. The total cost per year for this contract is $258,877.08.

DISCUSSION

On July 17, 2025, Beimly offered to extend their mowing contract for two years at the current rates, which are established as a cost per mowing cycle for each property in the South Region. District staff recommend accepting Beimly's offer. Beimly has performed well under the contract, and are a very reliable vendor. Extending Beimly's contract would eliminate the risk of a cost increase for the South Region at the end of the current contract term.

Pursuant to District Policy 410 – Procurement, Section (4)(h) 11, purchases in the best interest of the District due to opportune price discounts, sales or bulk purchases are exempt from competitive procurement. Beimly's offer to extend for two years without any increase in costs represents such an opportune price discount.

AGENDA REQUEST FOR
GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Clay Coarsey, Director
Division of Water Supply Planning and Assessment

SUBJECT: Districtwide Agricultural Cost-share Program

RECOMMENDATION
Approve the award and authorize the Executive Director to negotiate and execute a cost-share contract with the eligible applicant as part of the Districtwide Agricultural Cost-share program totaling $250,000.00.

Amount: $250,000.00

Account Name: Districtwide Agricultural Cost-share Program

Funding Source: District Sources

Budget Authority: FY 2025-26

Budget: $1,500,000.00

EOG Program/Activity Code: 2.2.1 Water Resource Development

Completion: September 30, 2026 **Renewable:** No

Special Notes:

- Estimated total grower match: $191,623.83
- Estimated total project cost: $441,623.83
- Estimated annual conservation/water made available: 17.92 million gallons
- Estimated annual total nitrogen loading reduction: 99 pounds
- Estimated annual total phosphorus loading reduction: 15 pounds

DISTRICTWIDE AGRICULTURAL COST-SHARE BACKGROUND
Beginning in FY 2015, the Districtwide Agricultural Cost-share program was developed to assist farmers and growers with implementing projects that conserve water, convert to a lower quality water source, or result in nutrient loading reductions. The cost share provides up to 75% of the project costs, not to exceed $250,000, for the engineering, design, construction, and implementation costs of the project. Growers are expected to cover project maintenance costs

for the life of the project and if applicable, modify their consumptive use permits to reflect water savings produced by District funds.

To be eligible for funding under the Districtwide Agricultural Cost-share program, a project must satisfy each of the following criteria:

- The project must:
  - Be located primarily within the boundaries of the District
  - Be for existing production (projects to expand production areas are not eligible)
- The grower must:
  - Be enrolled (or become enrolled) in the applicable Florida Department of Agriculture and Consumer Services best management practices (BMPs)
  - Own the land or have control of the land for the anticipated life of the project or equipment
  - Agree to Mobile Irrigation Lab evaluations and water quality monitoring, if requested by the District
- The agricultural operation must be in compliance with all applicable federal, state, and local laws, rules, and regulations, District rules and regulations, District-issued permits, and District funding agreements.
- Satisfy at least one of the following categories of cost-effectiveness, as based on the District's calculations:
  - Conservation cost of $3.00/Thousand Gallons saved or less
  - Cost per pound of annual Total Nitrogen (TN) removal of $80.00 or less
  - Cost per pound of annual Total Phosphorus (TP) removal of $275.00 or less

Under this program, 192 projects have been funded since its inception in July 2015.

DISCUSSION

Applications are made available year-round and are reviewed on a first come/first served basis to determine those that meet eligibility requirements. District staff review the applications to ensure the project satisfies the goals of the program and that the eligibility criteria are satisfied.

The project submitted for consideration is to perform an irrigation retrofit on 36 acres of blueberries upgrading to a more efficient drip and overhead irrigation system and the corresponding recommended cost share dollars are listed below:

Applicant	Project	SJRWMD Cost $	Applicant Share $	Total Project Cost $
Island Grove, LLC	Irrigation Retrofit	250,000.00	191,623.83	441,623.83

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Sam Gardner, Inspector General
Office of Inspector General

SUBJECT: FY 2024-25 Inspector General Annual Report

FOR INFORMATION
The FY 2024-25 Inspector General Annual Report.

BACKGROUND
In compliance with Florida's Agency Inspectors General Act, Section 20.055, Florida Statutes, the Inspector General has prepared an annual report to summarize the activities during the 2024-25 fiscal year.

St. Johns River Water Management District
Inspector General
2024-25 Inspector General Annual Report
September 30, 2025

In accordance with Section 20.055, Florida Statutes, the Inspector General has prepared this annual report to summarize the office activities for the fiscal year ending September 30, 2025, for the District's Governing Board.

Authority, Standards, and Functions

Authority

The Office of Inspector General is authorized by the Act to promote accountability, integrity, and efficiency by performing quality audits, investigations, and other related duties. In accordance with Section 373.079(4)(b), Florida Statutes, the Inspector General reports directly to the Governing Board, which provides organizational independence from management. The Inspector General has access to District information and personnel for the performance of duties.

Professional Standards

All work is performed in a manner consistent with the *Principles and Standards for Offices of Inspector General*, published by the Association of Inspectors General. Formal audit engagements are performed according to the appropriate published audit standards as required by statute. A statement of independence and objectivity is signed annually by the Inspector General and provided to the Chair of the Governing Board, consistent with professional standards.

Section 20.055, F.S. (Agency Inspectors General), requires that auditing engagements be conducted "…in accordance with the current *International Standards for the Professional Practice of Internal Auditing* as published by the Institute of Internal Auditors, Inc., or, where appropriate, in accordance with generally accepted governmental auditing standards." An external quality assurance peer review was successfully completed in October 2023.

Functions

The Inspector General's primary tools are audits and investigative activities. Generally, audits are planned and are based on identified risks. Investigative activities are usually unplanned and conducted in response to internal referrals, and from tips or complaints from the public or other external sources.

St. Johns River Water Management District
Inspector General
2024-25 Inspector General Annual Report
September 30, 2025

Audits

As defined by the Institute of Internal Auditors (2024 revision):

> *Internal auditing is an independent, objective assurance and advisory service designed to add value and improve an organization's operations. It helps an organization accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of governance, risk management, and control processes.*

The Inspector General endeavors to promote integrity, accountability, and ethical behavior by providing assessments of District processes and controls. The Inspector General produces the audit plan, but the Governing Board may direct an audit of any program, function, contract, or organizational unit. The auditing activity includes planning and conducting audits, following up on recommendations, quality assurance and improvement activities, management and advisory services, and coordinating with external auditors.

Investigations

The investigative function includes deterrence, detection, complaint assessments, and investigations. The primary issues are fraud, waste, abuse, mismanagement, malfeasance, misfeasance, and misconduct. These complaints and referrals are not planned but are acted upon when received.

Additional Duties

The Inspector General is available to take direction from the Governing Board, accept requests from management, and perform certain statutory and recurring activities, such as:

a. Perform management services and reviews.
b. Advise on performance measures, including evaluating the reliability and validity of performance information.
c. Perform coordination and liaison duties during external audits and reviews.
d. Receive complaints and coordinate activities required by the Florida Whistle-blower's Act.
e. Perform recurring and support activities in agreement with management.

Inspector General Activities During 2024-25

Audit-Related

1. **District Performance Measures Audit (ongoing)**
   An audit of the District's high-level performance measures reporting process for the Consolidated Annual Report (CAR). The CAR is a collection of yearly required and optional reports containing information on District goals and performance for state government and the public. This audit is focused on performance information reporting, a key internal control.

St. Johns River Water Management District
Inspector General
2024-25 Inspector General Annual Report
September 30, 2025

2. **FLHSMV Data Audit 2024**
   The Inspector General performed an audit as required by the memorandum of understanding (MOU) the District maintains with the Florida Department of Highway Safety and Motor Vehicles for the use of state data to verify the driver's license status of employees who drive District vehicles. There were no findings, and the District's audit was transmitted to the Department according to the terms of the MOU.

3. **2024-25 Risk Assessment and Audit Planning**
   The Florida Statutes require long-term and annual agency audit plans based upon the assessment of risk. The Inspector General has conducted and recorded ongoing risk identification and assessment throughout the year.

4. **External Audit Liaison – Florida Auditor General Review of Florida Retirement System Agency Reported Data**
   The Inspector General coordinated with Auditor General and District staff members to provide information requested for their 2025 Florida Retirement System assurance activity. District staff promptly provided the requested information, and the Auditor General's office has advised that a final statewide report will be released.

5. **Office of Program Policy and Government Accountability (OPPAGA) Project – Statewide Review of Permitting Activities (carryover from 2023-2024)**
   The OPPAGA conducted a statewide review which included information requests and follow-up discussions with key District staff members. No report was published according to OPPAGA staff.

Open Audit Recommendations

There are no open internal or external audit recommendations as of September 30, 2025.

Investigative Activities and Public Contacts

The Inspector General received external public contacts and requests for assistance throughout the year which were either resolved directly or referred to other parties as appropriate for resolution. No internal issues were received from management for assessment.

There were eight (8) external complaints and referrals that required an extended preliminary assessment to determine whether sufficient cause existed for conversion to formal investigation. Four (4) of these external complaints required significant IG work hours to resolve and resulted in multiple communications with parties involved, and with District staff. There are no open or ongoing investigative cases as of this report. The following summary table shows the number of complaints received, broken down by referral and disposition (complaints are referred out to other parties or offices when appropriate to do so). These numbers include external referrals from other agencies. These numbers do not include multiple interactions with external parties or members of the public on the same issue.

St. Johns River Water Management District
Inspector General
2024-25 Inspector General Annual Report
September 30, 2025

External Complaints, Referrals, and Public Contacts Received by IG on New Issues	
Inspector General Resolved	22
Referred Directly to Ombudsman	14
Referred Directly to Staff	6
Referred Out to Other Agency	0
Referred Directly to Legal	0
Total	**42**

Support Activities

The Inspector General engaged in the following additional activities:

- Deferred Compensation Plan Advisory Committee
- Reviews of monthly Governing Board agendas and presentations
- Regular attendance at management and Governing Board meetings
- Chief Ethics Officer (under administrative directive *Employment Compliance*)
- Procurement and contract activities and project management in conjunction with District staff
- New Process Development – criminal history checks
- Office of Inspector General records management activities

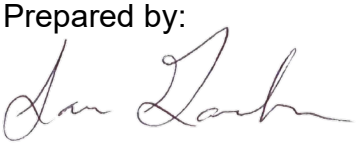
Professional Development

To comply with continuing education requirements for the position, and to remain current with professional certifications, the Inspector General must complete at least 40 hours of professional education each year. The subject matter areas emphasized are auditing, accounting, investigation, information systems and cybersecurity, anti-fraud activities, and ethics. As of September 30, the Inspector General has completed 85% of the yearly requirement (calendar), and plans to complete the remaining required hours by the end of the calendar year.

Conclusion

The Inspector General followed the approved work plan for the year; however, deviations from the expected activities occurred due to unplanned events and competing priorities. The Inspector General will submit a new annual work plan document for review and approval by the Governing Board at an upcoming regular meeting.

Prepared by:



Sam Gardner, CIG, CIA, CGAP, CISA, CFE
Inspector General

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

THROUGH: Michael A. Register, P.E.
Executive Director

FROM: Erin Preston, General Counsel
Office of General Counsel

SUBJECT: Pending Litigation

FOR INFORMATION
Pending litigation - significant events or significant status changes.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

FROM: Michael A. Register, P.E.
Executive Director

SUBJECT: Governing Board Comment

FOR INFORMATION
Governing Board comments.

AGENDA REQUEST FOR GOVERNING BOARD MEETING
November 12, 2025

MEMORANDUM

TO: Governing Board

FROM: Michael A. Register, P.E.
Executive Director

SUBJECT: Executive Director's Report and Calendar

FOR INFORMATION
Executive Director's Report and Calendar.

A) Executive Director’s report.

B) Calendar of upcoming meetings/events:

November 27 & 28	District Holiday – Thanksgiving
December 9	Governing Board Meeting