



AGENDA
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD MEETING AND PUBLIC HEARING

YouTube Link: <https://www.youtube.com/@SRWMD>

Open to Public

Wednesday, November 12, 2025
9:00 a.m.

District Headquarters
Live Oak, FL

1. Call to Order
2. Roll Call
3. Announcement of any Amendments to the Agenda by the Chair
Amendments Recommended by Staff: None
4. Public Comment
5. Consideration of the following Items Collectively by Consent:
 - Agenda Item No. 6 - October 14, 2025 Governing Board Meeting Minutes
 - Agenda Item No. 10 - Agricultural Cost-Share Task Work Assignment with Alliance Branford, LLC, Gilchrist, Levy and Suwannee Counties
 - Agenda Item No. 11 - Agricultural Cost-Share Task Work Assignment with Alliance Dairies, LLP, Gilchrist and Levy Counties
 - Agenda Item No. 12 - Agricultural Cost-Share Task Work Assignment with Alliance Grazing Group, Gilchrist and Levy Counties
 - Agenda Item No. 13 - Agricultural Cost-Share Task Work Assignment with Herman Sanchez Jr, Gilchrist, Levy, and Suwannee Counties
 - Agenda Item No. 14 - Agricultural Cost-Share Task Work Assignment with Kelby Sanchez, Dixie, Gilchrist, and Suwannee Counties
 - Agenda Item No. 15 - September 2025 Financial Report

Page 6

6. October 14, 2025 Governing Board Meeting Minutes - **Recommend Consent**
7. Items of General Interest for Information/Cooperating Agencies and Organizations
 - A. Hydrologic Conditions Report
 - B. Cooperating Agencies and Organizations
 - C. Service Recognition: Tim Alexander and Sean King (Five Years of Service)

GOVERNING BOARD LEGAL COUNSEL
Tom Reeves

8. Update on Legal Activities

BUSINESS AND COMMUNITY SERVICES
Tim Alexander, Assistant Executive Director

Administration

9. Facilities Update

Agriculture Projects

- BCS Page 1 10. Agricultural Cost-Share Task Work Assignment with Alliance Branford, LLC, Gilchrist, Levy and Suwannee Counties – **Recommend Consent**
- BCS Page 8 11. Agricultural Cost-Share Task Work Assignment with Alliance Dairies, LLP, Gilchrist and Levy Counties – **Recommend Consent**
- BCS Page 15 12. Agricultural Cost-Share Task Work Assignment with Alliance Grazing Group, Gilchrist and Levy Counties – **Recommend Consent**
- BCS Page 22 13. Agricultural Cost-Share Task Work Assignment with Herman Sanchez Jr, Gilchrist, Levy, and Suwannee Counties – **Recommend Consent**
- BCS Page 27 14. Agricultural Cost-Share Task Work Assignment with Kelby Sanchez, Dixie, Gilchrist, and Suwannee Counties – **Recommend Consent**

Finance

- BCS Page 33 15. September 2025 Financial Report – **Recommend Consent**
- BCS Page 38 16. Fiscal Year 2024 – 2025 Budget Modifications

Resource Management

- BCS Page 40 17. Permitting Summary Report

Environmental Projects

- BCS Page 44 18. Agriculture and Environmental Projects Monthly Report

OUTREACH AND OPERATIONS
Katelyn Potter, Division Director

Communications and Outreach

- OPS Page 1 19. Outreach and Communications Activity Summary

Land Acquisition

- OPS Page 3 20. Land Acquisition and Disposition Activity Report
- OPS Page 6 21. Otter Creek Conservation Easement Amendment, Levy County
- OPS Page 8 22. Corrective Deed for Boggess, Woods Ferry Surplus, Suwannee County

interference with the orderly processes of the Board Meeting will result in removal. Additionally, the public is cautioned that such conduct may constitute a violation of criminal law under sections 871.01 and/or 877.03, Florida Statutes.

All decisions of the Chair concerning parliamentary procedures, decorum, and rules of order will be final, unless they are overcome by a majority of the members of the Board in attendance. Speakers are prohibited from using props, slides, or posters.

Any speaker who wishes to provide supporting materials for the members of the Board at a Board Meeting, must provide such materials in the form of a standard-sized paper handout. If the speaker brings handouts, the speaker must have 11 copies ready and give them to the District team when the speaker signs up to speak.

Persons who wish to make a written statement must deliver the statement to District Headquarters or email the written statement to writencomments@srwmd.org. The written statement must include the submitter's name. In addition, the submitter must indicate which specific agenda item their statement addresses, or if the statement is for general comment. The written statement must be delivered or emailed at least two business days prior to the day of the Board Meeting. Written statements will be provided to the members of the Board prior to the applicable Board Meeting.

The District will attempt to "live stream" the video and audio of Board Meetings. The District will also attempt to record the video and audio of the Board Meetings. However, the public is cautioned that such "live stream" and recordings are not guaranteed and that any interruption or loss of the "live stream" or failure of the recording will not affect the validity of any action by the Board or result in any Board action being reconsidered. Members of the public who wish to ensure that they may view and/or participate in a Board Meeting should arrange to attend such Board Meeting in person.

Individuals lobbying the District must be registered as lobbyists (Section 112.3261, Florida Statutes).

Definitions:

- "Lobbies" is defined as seeking to influence a district policy or procurement decision or an attempt to obtain the goodwill of a district official or employee. (112.3261(1)(b), Florida Statutes [F.S.])
- "Lobbyist" is a person who is employed and receives payment, or who contracts for economic consideration, for the purpose of lobbying, or a person who is principally employed for governmental affairs by another person or governmental entity to lobby on behalf of that other person or governmental entity. (112.3215(1)(h), F.S.)



AGENDA
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD WORKSHOP(S)

YouTube Link: <https://www.youtube.com/@SRWMD>
Open to Public

Wednesday, November 12, 2025
Following Board Meeting

District Headquarters
Live Oak, Florida

- Agriculture Cost-Share Directive Discussion
- Fiscal Year 2026-2027 Preliminary Budget Discussion
- Outreach and Operations Division Presentations



**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
MINUTES OF GOVERNING BOARD MEETING AND PUBLIC HEARING(S)**

**YouTube Link: <https://www.youtube.com/@SRWMD>
Open to Public**

Note: A digital recording system was used to record these proceedings and is on file in the permanent files of the District. A copy of the materials and handouts are a part of the record as set out in full herein and are filed in the permanent files of the District.

October 14, 2025
9:00 a.m.

District Headquarters
Live Oak, Florida

Agenda Item No. 1 – Call to Order. The meeting was called to order at 9:00 a.m.

Agenda Item No 2 – Roll Call

Governing Board

Seat	Name	Office	Present	Not Present
Aucilla Basin	George Wheeler		X	
Coastal River Basin	Richard Schwab	Vice Chair	X	
Lower Suwannee Basin	Larry K. Thompson		X	
Santa Fe & Wacc. Basins	William Lloyd		X	
Upper Suwannee Basin	Larry Sessions			X
At Large	Virginia H. Johns	Chair	X	
At Large	Charles Keith	Sec./Treas.	X	
At Large	Harry Smith		X	
At Large	Vacant		-	-

Governing Board Legal Counsel

Name	Firm	Present	Not Present
George T. Reeves	Davis, Schnitker, Reeves & Browning, P.A.	X	

Leadership Team

Position	Name	Present	Not Present
Executive Director	Hugh Thomas	X	
Assistant Executive Director	Tim Alexander	X	
Deputy Executive Director	Amy Brown	X	
Executive Office & Board Coordinator	Robin Lamm	X	

Agenda Item No. 3 – Announcement of any Amendments to the Agenda by the Chair. None

Agenda Item No. 4 – Public Comment. None

Agenda Item No. 5 – Consideration of the Following Items Collectively by Consent:

- Agenda Item No. 6 – September 9, 2025 Governing Board Meeting, First Public Hearing on Fiscal Year 2025-2026 Millage and Budget Minutes, and September 22, 2025 Lands Committee and Final Public Hearing on Fiscal Year 2025-2026 Millage and Budget Minutes
- Agenda Item No. 11 – August 2025 Financial Report
- Agenda Item No. 16 – Fiscal Year 2025-2026 Conservation Land Acquisition Project Ranking
- Agenda Item No. 17 – Land Acquisition for Environmental Projects Ranking
- Agenda Item No. 18 – Remove Surplus Designation for the Hatchbend Uplands Tract, Lafayette County

- Agenda Item No. 19 – Declaration of Surplus for Four Nature Coast Parcels, Gilchrist County
- Agenda Item No. 28 – Five-Year Water Resource Development Work Program Report

MOTION WAS MADE BY THOMPSON, SECONDED BY SMITH TO APPROVE THE ITEM. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 6 – September 9, 2025 Governing Board Meeting, First Public Hearing on Fiscal Year 2025-2026 Millage and Budget Minutes, and September 22, 2025 Lands Committee and Final Public Hearing on Fiscal Year 2025-2026 Millage and Budget Minutes. Approved on Consent.

Agenda Item No. 7 – Items of General Interest for Information/Cooperating Agencies and Organizations.

- A. Robbie McKinney, Manager, Office of Water Resources, gave a presentation of hydrologic conditions of the District.
- B. Cooperating Agencies and Organizations. Hugh Thomas, Executive Director, recognized the Tall Timbers group in attendance.

GOVERNING BOARD LEGAL COUNSEL

Agenda Item No. 8 – Legal Activities Update. None

BUSINESS AND COMMUNITY SERVICES

Administration

Agenda Item No. 9 – Facilities Update. Tim Alexander, Assistant Executive Director, provided this update to the Board.

Agenda Item No. 10 – Declaration of Surplus Property and Disposition. Mr. Alexander presented this item to the Board.

MOTION WAS MADE BY SCHWAB, SECONDED BY KEITH TO APPROVE THE ITEM. MOTION CARRIED UNANIMOUSLY.

Finance

Agenda Item No. 11 – August 2025 Financial Report. Approved on Consent.

Resource Management

Agenda Item No. 12 – Permitting Summary Report. This report was provided as an informational item in the Board materials.

Environmental Projects

Agenda Item No. 13 – Agriculture and Environmental Projects Monthly Report. This report was provided as an informational item in the Board materials.

OUTREACH AND OPERATIONS

Communications and Outreach

Agenda Item No. 14 – Outreach and Communications Activity Summary. This summary was provided as an informational item in the Board materials.

Land Acquisition

Agenda Item No. 15 – Land Acquisition and Disposition Activity Report. This report was provided as an informational item in the Board materials.

Agenda Item No. 16 – Fiscal Year 2025-2026 Conservation Land Acquisition Project Ranking. Approved on Consent.

Agenda Item No. 17 – Land Acquisition for Environmental Projects Ranking. Approved on Consent.

Agenda Item No. 18 – Remove Surplus Designation for the Hatchbend Uplands Tract, Lafayette County. Approved on Consent.

Agenda Item No. 19 – Declaration of Surplus for Four Nature Coast Parcels, Gilchrist County. Approved on Consent.

Agenda Item No. 20 – Resolution 2025-13, Conveyance of 203rd Road and Boat Ramp within the Peacock Slough and Telford Spring Park Tracts, Suwannee County. Katelyn Potter, Director, Outreach and Operations Division, presented this item to the Board.

MOTION WAS MADE BY THOMPSON, SECONDED BY KEITH TO APPROVE THE ITEM. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 21 – Resolution 2025-14, Sale of Santa Fe Oasis Lot to David K Weaver, Gilchrist County. Mrs. Potter presented this item to the Board.

MOTION WAS MADE BY SCHWAB, SECONDED BY THOMPSON TO APPROVE THE ITEM. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 22 – Resolution 2025-15, Sale of Santa Fe Springs Lots 14 and 15 to Kurt and Karen Burns Ardaman, Suwannee County. Mrs. Potter presented this item to the Board.

MOTION WAS MADE BY THOMPSON, SECONDED BY SCHWAB TO APPROVE THE ITEM. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 23 – Livingston Place Conservation Easement Amendment, Jefferson County. Mrs. Potter presented this item to the Board.

Mr. Wheeler publicly announced a conflict of interest and abstained from voting on this agenda item. The conflict-of-interest form was completed and signed by Mr. Wheeler. This form is hereby made part of these minutes and is filed in the permanent Governing Board Meeting minutes files of the District.

MOTION WAS MADE BY THOMPSON, SECONDED BY SMITH TO APPROVE THE ITEM. MOTION CARRIED WITH THE EXCEPTION OF MR. WHEELER.

Land Management

Agenda Item No. 24 – Land Management Update Report. This report was provided as an informational item in the Board materials.

Agenda Item No. 25 – Florida National Scenic Trail Memorandum of Understanding with the United States Department of Agriculture, Forest Service. Mrs. Potter presented this item to the Board.

MOTION WAS MADE BY SCHWAB, SECONDED BY KEITH TO APPROVE THE ITEM. MOTION CARRIED UNANIMOUSLY.

WATER RESOURCES

Agenda Item No. 26 – Water Resources Division Updates. Amy Brown, Deputy Executive Director, provided updates to the Board.

Minimum Flows and Levels

Agenda Item No. 27 – 2025 Priority List for Establishment of Minimum Flows and Minimum Water Levels. Sean King, Chief, Office of Minimum Flows and Minimum Water Levels, presented this item to the Board.

MOTION WAS MADE BY SCHWAB, SECONDED BY SMITH TO APPROVE THE ITEM. MOTION CARRIED UNANIMOUSLY.

Water Supply

Agenda Item No. 28 – Five-Year Water Resource Development Work Program Report. Approved on Consent.

EXECUTIVE OFFICE

Agenda Item No. 29 – Announcements. Mr. Thomas updated the Board on District activities.

Agenda Item No. 30 – Governing Board Comments. Board Members discussed the current dry conditions in the District and the Water First project.

Agenda Item No. 31 – Adjournment. Meeting adjourned at 10:30 a.m.

Chair

ATTEST:

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD WORKSHOPS**

October 14, 2025

Following Board Meeting

District Headquarters

- ~~Agriculture Cost-Share Directive Discussion~~ – Workshop moved to November Board Meeting

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Ben Glass, Chief, Office of Administration

THRU: Tim Alexander, Assistant Executive Director, Business and Community Services

DATE: November 11, 2025

RE: Agricultural Cost-Share Task Work Assignment with Alliance Branford, LLC, Gilchrist, Levy and Suwannee Counties

RECOMMENDATION

Authorize the Executive Director to enter into a task work assignment with Alliance Branford, LLC to implement agricultural cost-share practices for an amount not to exceed \$135,928.69.

BACKGROUND

The Suwannee River Water Management District (District) has provided agricultural cost-share funds along with the Florida Department of Agriculture and Consumer Services and the Florida Department of Environmental Protection as part of the Suwannee River Partnership to help agricultural producers implement best management practices. Best management practices help farmers conserve water and improve water quality in the District.

Alliance Branford, LLC has applied for agricultural cost-share under the District Agricultural Cost-Share Program for projects in Gilchrist, Levy, and Suwannee counties. The original contract and task work assignment was approved by the Executive Director on March 25, 2025, and it contained soil moisture probes, soil moisture probe service agreements, grid soil sampling, variable rate nutrient application, tissue samples, center pivot retrofit, control panels, GPS end gun shutoffs, and a variable rate frequency drive. This new task work assignment contains soil moisture probes, soil moisture probe service agreements, grid soil sampling, variable rate nutrient application, tissue samples, center pivot retrofit, control panels, GPS end gun shutoffs, and stationary fertigation for use across 1,911 acres of corn, sorghum, peanuts, and beans. There is one funding source, not to exceed the \$300,000 threshold, that will be used to fund this agreement.

These projects are located in the Suwannee and Santa Fe Basin Management Action Plan Areas, Fanning Manatee Priority Focus Area, and the Eastern and Western water supply planning regions. The associated water savings is estimated to be 0.268 million gallons per day with a 95,550-pound reduction of nitrogen at land surface.

Attachment A lists the cost share items and funding breakdown. Funding for this project is included in the Fiscal Year 2026 Final Budget.

SA/ak
Attachments

ATTACHMENT A

PRODUCER	ALLIANCE BRANFORD, LLC	Contract
WATER USE PERMIT	216102, 241102, 237947, 217150, 248991, 239485, 221429	24/25-100
BMAP	SAFE & SUWA	TWA #.02
PFA	Fanning Manatee	
COUNTY	Suwannee	
COUNTY	Levy	
COUNTY	Gilchrist	

Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices

Item	Percent Cost-Share	Maximum Cost-Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost-Share Total	Producer Share	Completion Due Date
LP61038 Program Sustainable Suwannee Low Input					\$135,928.69		
Variable Rate Nutrient Application per Ac.	85%	\$10.20		3982	\$40,616.40	\$7,167.60	1 year from effective date
Tissue Sampling per Ac.	85%	\$22.67		398	\$9,022.66	\$1,592.23	1 year from effective date
LPS Soil Moisture Probes 2nd and 3rd year service agreements	75%	\$650.00		2	\$1,300.00	\$433.33	1 year from effective date
LPS GPS end-gun shut-offs	85%	\$1,700.00		3	\$5,100.00	\$900.00	1 year from effective date
Grid Soil Sampling with VRNA	85%	\$7.93		1991	\$15,788.63	\$2,786.23	1 year from effective date

ATTACHMENT A

GBD23 Center Pivot Retrofit	90%	\$12,000.00	1	\$12,000.00	\$1,333.33	1 year from effective date
GBD Stationary Fertigation System	85%	\$10,200.00	2	\$20,400.00	\$3,600.00	1 year from effective date
GBD Soil Moisture Probe Purchase	90%	\$2,100.00	7	\$14,700.00	\$1,633.33	1 year from effective date
GBD Control Panel Upgrade	85%	\$5,667.00	3	\$17,001.00	\$3,000.18	1 year from effective date

FUNDING

Contract Amount \$135,928.69

Estimated PRODUCER funds \$22,446.20

ATTACHMENT A

District Specifications

The PRODUCER shall not purchase, install, implement or complete the above authorized EQUIPMENT and/or PRECISION AGRICULTURE PRACTICES prior to the EFFECTIVE DATE of the CONTRACT.

The PRODUCER shall complete the purchase, installation and/or implementation of the authorized EQUIPMENT and/or PRECISION AGRICULTURE PRACTICES in accordance with the above schedule.

The PRODUCER shall be actively participating in the DISTRICT'S AUTOMATED WATER USE MONITORING PROGRAM prior to reimbursement.

The PRODUCER shall maintain compliance with the associated Water Use Permit(s) for the duration of the contract.

All invoices and payments shall have dates showing when they were invoiced and paid. The dates for all financial transactions must coincide within the contract term to be eligible for reimbursement.

The PRODUCER shall own or have control of the property where the EQUIPMENT and/or PRECISION AGRICULTURAL PRACTICES are located for the duration of the CONTRACT.

The PRODUCER has executed and maintains a current FDACS Notice of Intent (NOI) to comply with Best Management Practices.

District Terms and Conditions

Agricultural BMP Irrigation Cost-Share

Maximum cost-share per applicant is capped at \$300,000 over five (5) years per funding source. Equipment may include weather stations, pump upgrades, centralized remote control panels. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

Center Pivot Retrofits

The producer must first select a Mobile Irrigation Lab (MIL) vendor to test the irrigation system. The MIL selected must follow the latest version of the MIL Handbook as developed by the Florida Department of Agriculture and Consumer Services (FDACS), Office of Agricultural Water Policy. Deliverables should include at a minimum: A uniformity score (Weighted Distribution and Christiansen's), recommendations to improve irrigation uniformity, and a laminated sprinkler chart with center pivot information. The selected MIL must also update the State of Florida MIL program website in accordance with FDACS Office of Agricultural Water Policy guidelines. The District will only reimburse for equipment recommended by the MIL and only for equipment considered newer technology. The District will not reimburse for equipment considered maintenance. Equipment eligible for reimbursement includes more efficient nozzle packages, such as Senninger IWOBs or Nelson Rotators, pressure regulators, drop down hoses, adjusting end guns and other associated water savings features. For reimbursement, the producer must provide a copy of the paid invoice, cancelled check (front and back) or some verifiable form of payment, copies of the pre- and post-MIL evaluations, and pictures of the pivot before, during and after the retrofit.

ATTACHMENT A

Fertigation Tank System

A fertigation tank system allows the producer to apply fertilizer through their existing irrigation infrastructure. The fertigation system should include a chemical storage tank, injector pump, safety valves, backflow prevention, trailer (for portable units) and associated plumbing. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

GPS End-Gun Shut off

GPS End-gun shut off can reduce water loss by precisely controlling the end-gun operation. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

Grid Soil Sampling

Grid soil sampling allows growers to manage nutrient application in as small a unit as 2.5 acres by having a soil nutrient analysis taken on 2.5-acre grids. Grid sampling can be conducted in straight grids, or alternatively to scientifically delineated zones. Grid-based soil analysis assists growers with applying the needed nutrient in the right amount, at the right time, in the right place, and the right source. Cost-share is limited to 75% up to \$7/acre/year. Straight grids shall be no larger than 10 acres and no smaller than 2.5 acres. When cost-sharing this item, the applicant must variable rate apply nutrients (see below: Variable Rate Nutrient Application) at least once in the season if the sample analysis recommends a variable rate application. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

Soil Moisture probe service agreement

Soil moisture probes (or sensors) measure the soil moisture and electrical conductivity at varying depths within the soil profile, providing real-time data that allows the producer to make informed decisions on when to irrigate and how much irrigation water is needed. This technology when applied properly results in a more efficient and effective use of irrigation water in responding to the crops moisture needs. Probe installation should provide a remote access data platform and a service agreement to help the producer implement the technology. For reimbursement, the producer must provide a copy of the paid invoice, cancelled check (front and back) or some verifiable form of payment to the vendor, installation locations, proof of data reporting, and pictures of the installed probe on an annual basis. For this item one unit is one probe.

Soil Moisture Probes Purchase

Soil moisture probes (or sensors) measure the soil moisture and electrical conductivity at varying depths within the soil profile, providing real-time data that allows the producer to make informed decisions on when to irrigate and how much irrigation water is needed. This technology when applied properly results in a more efficient and effective use of irrigation water in responding to the crops moisture needs. Probe installation should provide a remote access data platform and a service agreement to help the producer implement the technology. For reimbursement, the producer must provide a copy of the paid invoice, cancelled check (front and back) or some verifiable form of payment to the vendor, installation locations, proof of data reporting, and pictures of the installed probe. For this item one unit is one probe.

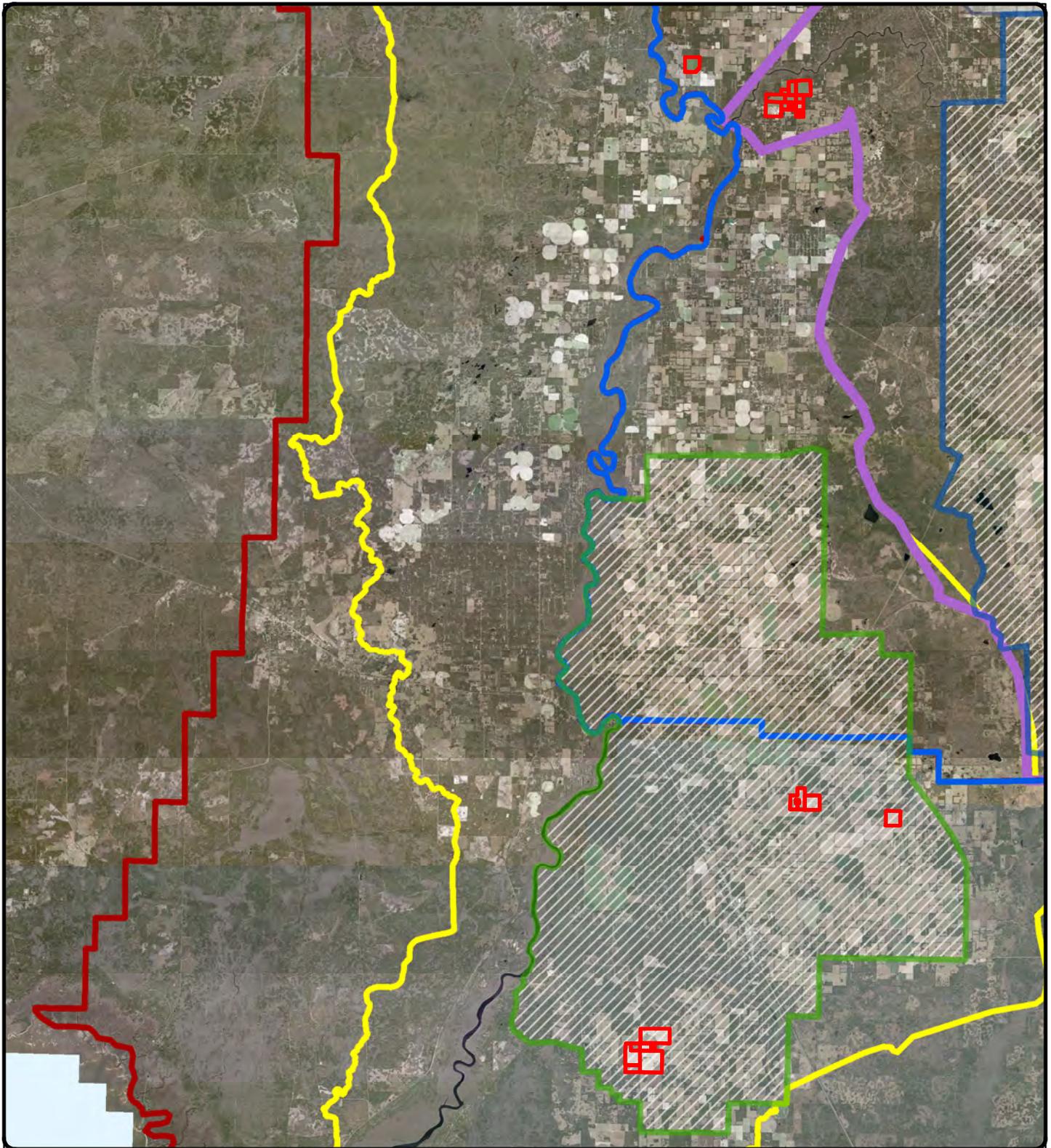
ATTACHMENT A

Tissue Sampling

Tissue sampling is a crop management tool that allows growers to make informed decisions with regard to nutrient application by determining their crops nutrient need at various stages of development. This practice assists growers in putting the right source and amount at the right time and place reducing unnecessary nutrient application while maximizing production efficiency. Cost-share is limited to 75% up to \$20/sample, 1 sample/5 acres. These samples must be geo-referenced. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

Variable Rate Nutrient Application

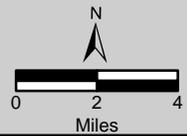
Variable rate nutrient application allows growers to have nutrients applied to their fields at a variable rate based upon the results and recommendations of a grid soil sample analysis (see above: Grid Soil Sampling). Variable rate nutrient application allows growers to put the right source and amount at the right time and place, thus eliminating unnecessary nutrient application, and optimizing plant growth efficiency. Cost-share is limited to 75% up to \$9/acre/application, 2 applications/year. For reimbursement, the producer must provide a copy of the prescription map, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.



- Alliance Branford
- ▨ Fanning Manatee PFA
- Water Supply Planning Area - East
- Suwannee BMAP
- ▣ Water Supply Planning Area - West
- Santa_Fe_BMAP

Alliance Branford, LLC

November 2025



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001.
 Map Created on 5/30/2024

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Ben Glass, Chief, Office of Administration

THRU: Tim Alexander, Assistant Executive Director, Business and Community Services

DATE: November 11, 2025

RE: Agricultural Cost-Share Task Work Assignment with Alliance Dairies, LLP,
Gilchrist and Levy Counties

RECOMMENDATION

Authorize the Executive Director to enter into a task work assignment with Alliance Dairies, LLP to implement agricultural cost-share practices for an amount not to exceed \$115,812.56.

BACKGROUND

The Suwannee River Water Management District (District) has provided agricultural cost-share funds along with the Florida Department of Agriculture and Consumer Services and the Florida Department of Environmental Protection as part of the Suwannee River Partnership to help agricultural producers implement best management practices. Best management practices help farmers conserve water and improve water quality in the District.

Alliance Dairies, LLP has applied for agricultural cost-share under the District Agricultural Cost-Share Program for projects in Gilchrist and Levy counties. The original contract and task work assignment was approved by the Governing Board on December 10, 2024, and it contained grid soil sampling, variable rate nutrient application, tissue sampling, center pivot retrofits, control panels, GPS end gun shutoffs, and weather stations. This new task work assignment contains soil moisture probe service agreements, grid soil sampling, variable rate nutrient application, tissue samples, control panels, and GPS end gun shutoffs for use across 4,530 acres of corn, sorghum, peanuts, and beans. There is one funding source, not exceed the \$300,000 threshold, that will be used to fund this agreement.

These projects are located in the Suwannee Basin Management Action Plan, Fanning Manatee Priority Focus Area, the Eastern and Western water supply planning region. The associated water savings is estimated to be 0.1307 million gallons per day with a 226,500-pound reduction of nitrogen at land surface.

Attachment A lists the cost share items and funding breakdown. Funding for this project is included in the Fiscal Year 2026 Final Budget.

JC/ak
Attachments

ATTACHMENT A

PRODUCER	ALLIANCE DAIRIES		
WATER USE PERMIT	220153,216471, 221223, 217981, 220843		
BMAP	SUWA	Contract	24/25-055
PFA	Fanning Manatee	TWA #	2
COUNTY	Levy		
COUNTY	Gilchrist		
APPLICATION	557		

Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices

Item	Percent Cost-Share	Maximum Cost-Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost-Share Total	Producer Share	Completion Due Date
LP61038 Program Sustainable Suwannee Low Input					\$115,812.56		
*Tissue Sampling per Ac.	85%	\$22.67		100	\$2,267.00	\$400.06	1 year from effective date
LPS Soil Moisture Probes 2nd and 3rd year service agreements	75%	\$650.00		27	\$17,550.00	\$5,850.00	3 years from effective date
*LPS GPS end-gun shut-offs	80%	\$1,600.00		2	\$3,200.00	\$800.00	1 year from effective date
*Grid Soil Sampling with VRNA	85%	\$7.93		4530	\$35,922.90	\$6,339.33	1 year from effective date
*GBD Variable Rate Nutrient Application	85%	\$10.20		4530	\$46,206.00	\$8,154.00	1 year from effective date
*GBD Control Panel Upgrade	80%	\$5,333.33		2	\$10,666.66	\$2,666.67	1 year from effective date

ATTACHMENT A

FUNDING

Contract Amount \$115,812.56

Estimated PRODUCER funds \$24,210.06

*** Please see statement below regarding payment schedule.**

ATTACHMENT A

***IF INVOICES FOR THESE ITEMS ARE SUBMITTED TOGETHER, AT THE SAME TIME, THE MAXIMUM PRECENTAGES AND DOLLAR AMOUNTS WILL BE REIMBURSED. OTHERWISE, REIMBURSEMENT WILL BEBASED ON THE SCHEDULE BELOW.**

BMP Irrigation Items	Precision Ag Practices
Centralized Remote Control	Grid Soil Sampling
Control Panel Upgrade	Tissue Sampling
GPS Endgun Shutoff	Variable Rate Nutrient Application
Portable Fertigation System	Any 1 - 75%
Pump Upgrade (High to Low Pressure Remote Control (Radios)	Any 2 - 80%
Stationary Fertigation System	All 3 - 85%
Variable Frequency Drive (VFD)	
Weather Station w/ ET Measurement	
Any 1 - 75%	
Any 2 - 80%	
Any 3 - 85%	
Any 4 - 90%	

ATTACHMENT A

District Specifications

The PRODUCER shall not purchase, install, implement or complete the above authorized EQUIPMENT and/or PRECISION AGRICULTURE PRACTICES prior to the EFFECTIVE DATE of the CONTRACT.

The PRODUCER shall complete the purchase, installation and/or implementation of the authorized EQUIPMENT and/or PRECISION AGRICULTURE PRACTICES in accordance with the above schedule.

The PRODUCER shall be actively participating in the DISTRICT'S AUTOMATED WATER USE MONITORING PROGRAM prior to reimbursement.

The PRODUCER shall maintain compliance with the associated Water Use Permit(s) for the duration of the contract.

All invoices and payments shall have dates showing when they were invoiced and paid. The dates for all financial transactions must coincide within the contract term to be eligible for reimbursement.

The PRODUCER shall own or have control of the property where the EQUIPMENT and/or PRECISION AGRICULTURAL PRACTICES are located for the duration of the CONTRACT.

The PRODUCER has executed and maintains a current FDACS Notice of Intent (NOI) to comply with Best Management Practices.

District Terms and Conditions

Agricultural BMP Irrigation Cost-Share

Maximum cost-share per applicant is capped at \$300,000 over five (5) years per funding source. Equipment may include weather stations, pump upgrades, centralized remote control panels. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

GPS End-Gun Shut off

GPS End-gun shut off can reduce water loss by precisely controlling the end-gun operation. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

ATTACHMENT A

Grid Soil Sampling

Grid soil sampling allows growers to manage nutrient application in as small a unit as 2.5 acres by having a soil nutrient analysis taken on 2.5-acre grids. Grid sampling can be conducted in straight grids, or alternatively to scientifically delineated zones. Grid-based soil analysis assists growers with applying the needed nutrient in the right amount, at the right time, in the right place, and the right source. Cost-share is limited to 75% up to \$7/acre/year. Straight grids shall be no larger than 10 acres and no smaller than 2.5 acres. When cost-sharing this item, the applicant must variable rate apply nutrients (see below: Variable Rate Nutrient Application) at least once in the season if the sample analysis recommends a variable rate application. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

Soil Moisture probe service agreement

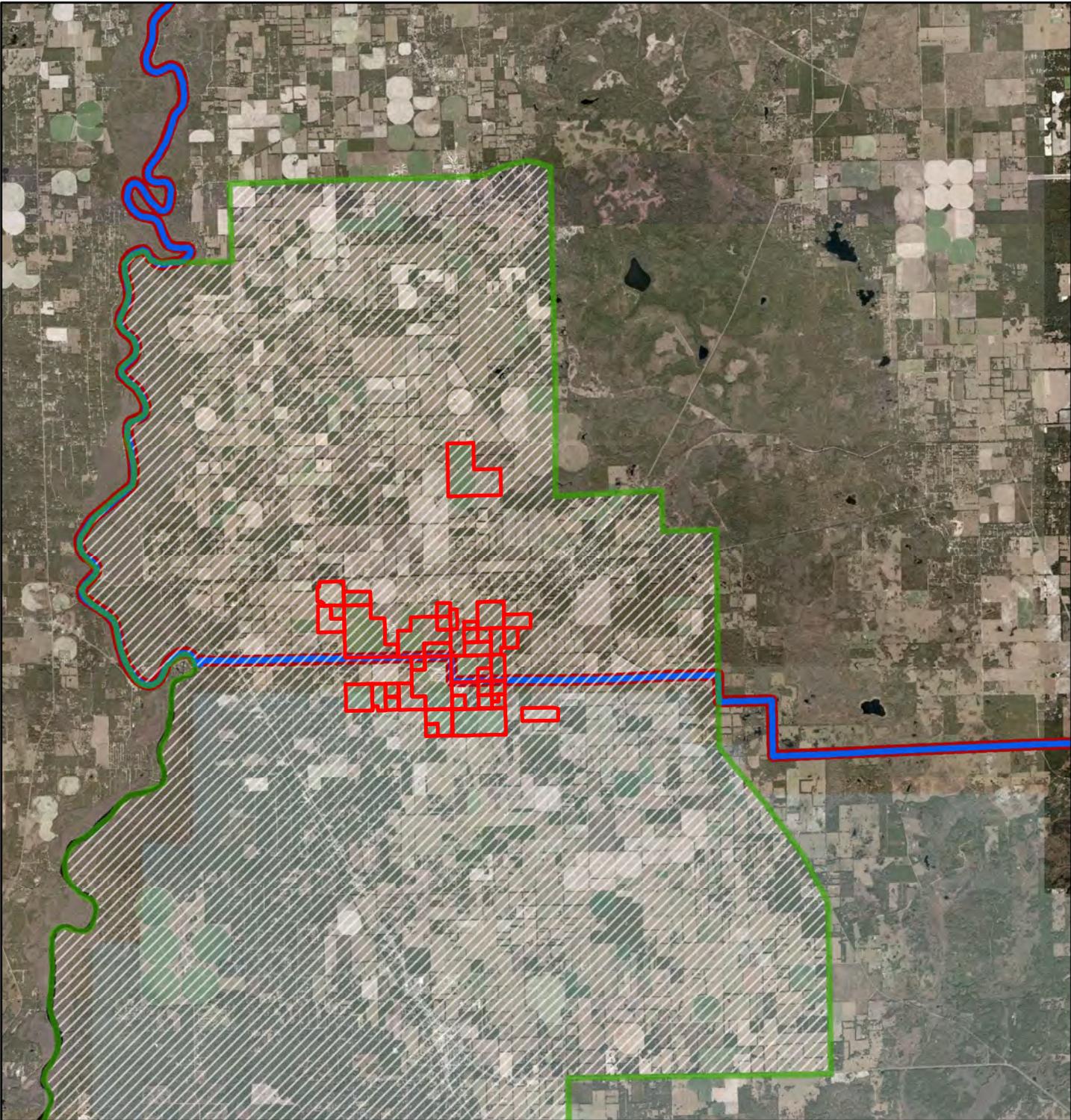
Soil moisture probes (or sensors) measure the soil moisture and electrical conductivity at varying depths within the soil profile, providing real-time data that allows the producer to make informed decisions on when to irrigate and how much irrigation water is needed. This technology when applied properly results in a more efficient and effective use of irrigation water in responding to the crops moisture needs. Probe installation should provide a remote access data platform and a service agreement to help the producer implement the technology. For reimbursement, the producer must provide a copy of the paid invoice, cancelled check (front and back) or some verifiable form of payment to the vendor, installation locations, proof of data reporting, and pictures of the installed probe on an annual basis. For this item one unit is one probe.

Tissue Sampling

Tissue sampling is a crop management tool that allows growers to make informed decisions with regard to nutrient application by determining their crops nutrient need at various stages of development. This practice assists growers in putting the right source and amount at the right time and place reducing unnecessary nutrient application while maximizing production efficiency. Cost-share is limited to 75% up to \$20/sample, 1 sample/5 acres. These samples must be geo-referenced. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

Variable Rate Nutrient Application

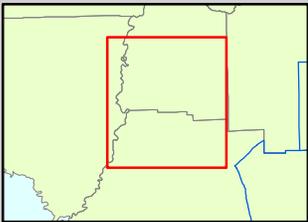
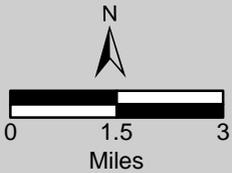
Variable rate nutrient application allows growers to have nutrients applied to their fields at a variable rate based upon the results and recommendations of a grid soil sample analysis (see above: Grid Soil Sampling). Variable rate nutrient application allows growers to put the right source and amount at the right time and place, thus eliminating unnecessary nutrient application, and optimizing plant growth efficiency. Cost-share is limited to 75% up to \$9/acre/application, 2 applications/year. For reimbursement, the producer must provide a copy of the prescription map, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.



- Alliance Dairies
- ▨ Fanning Manatee PFA
- Water Supply Planning Area - East
- Water Supply Planning Area - West

Alliance Dairies, LLP.

Cost-Share
November 2025



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001.
Map Created on 10/14/2025

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Ben Glass, Chief, Office of Administration

THRU: Tim Alexander, Assistant Executive Director, Business and Community Services

DATE: November 11, 2025

RE: Agricultural Cost-Share Task Work Assignment with Alliance Grazing Group, LLP,
Gilchrist and Levy Counties

RECOMMENDATION

Authorize the Executive Director to enter into a task work assignment with Alliance Grazing Group, LLP to implement agricultural cost-share practices for an amount not to exceed \$159,540.26.

BACKGROUND

The Suwannee River Water Management District (District) has provided agricultural cost-share funds along with the Florida Department of Agriculture and Consumer Services and the Florida Department of Environmental Protection as part of the Suwannee River Partnership to help agricultural producers implement best management practices. Best management practices help farmers conserve water and improve water quality in the District.

Alliance Grazing Group, LLP has applied for agricultural cost-share under the District Agricultural Cost-Share Program for a project in Gilchrist and Levy Counties. The original contract and task work assignment was approved by the Executive Director on January 2, 2025, and contained tissue sampling, grid soil sampling, and variable rate nutrient application. The second task work assignment was approved by the Executive Director on February 18, 2025 and contained soil moisture probes, weather stations, GPS end-gun shutoffs, control panels, and center pivot retrofits. This new task work assignment contains soil moisture probe service agreements, weather stations, GPS end-gun shutoffs, control panels, stationary fertigation, tissue sampling, grid soil sampling, and variable rate nutrient application for use across 4,902 acres of corn, peanuts, triticale in Gilchrist and Levy Counties. There is one funding source that will be used to execute this contract. The amount allocated by the funding source will not exceed \$300,000.

This project is located in the Suwannee and Santa Fe River Basin Management Action Plan Area, Fanning Manatee and Devils Ear Priority Focus Area, the Eastern and Western water supply planning areas. The associated water savings estimate is 0.175201 million gallons per day and 245,100-pound reduction of nitrogen at land surface.

Attachment A lists the cost share items and funding breakdown. Funding for this project is included in the Fiscal Year 2026 Final Budget.

SA/ak
Attachments

ATTACHMENT A

PRODUCER	ALLIANCE GRAZING GROUP		
WATER USE PERMIT	218311, 220607, 221905, 220606		
BMAP	SUWA	Contract	24/25-057
PFA	Devils Ear	TWA #	2
COUNTY	Levy		
COUNTY	Gilchrist		
APPLICATION	560		

Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices

Item	Percent Cost-Share	Maximum Cost-Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost-Share Total	Producer Share	Completion Due Date
LP61038 Program Sustainable Suwannee Low Input					\$159,540.26		
Tissue Sampling per Ac.	85%	\$22.67		100	\$2,267.00	\$400.06	1 year from effective date
LPS Weather Station with ET Measurement	90%	\$3,000.00		1	\$3,000.00	\$333.33	1 year from effective date
LPS Soil Moisture Probes 2nd and 3rd year service agreements	75%	\$650.00		24	\$15,600.00	\$5,200.00	1 year from effective date
LPS GPS end-gun shut-offs	90%	\$1,800.00		5	\$9,000.00	\$1,000.00	1 year from effective date
Grid Soil Sampling with VRNA	85%	\$7.93		4902	\$38,872.86	\$6,859.92	1 year from effective date
GBD Variable Rate Nutrient Application	85%	\$10.20		4902	\$50,000.40	\$8,823.60	1 year from effective date

ATTACHMENT A

GBD Stationary Fertigation System	90%	\$10,800.00	1	\$10,800.00	\$1,200.00	1 year from effective date
GBD Control Panel Upgrade	90%	\$6,000.00	5	\$30,000.00	\$3,333.33	1 year from effective date

FUNDING

TWA Amount \$159,540.26

Estimated PRODUCER funds \$27,150.24

*** Please see statement below regarding payment schedule.**

ATTACHMENT A

***IF INVOICES FOR THESE ITEMS ARE SUBMITTED TOGETHER, AT THE SAME TIME, THE MAXIMUM PRECENTAGES AND DOLLAR AMOUNTS WILL BE REIMBURSED. OTHERWISE, REIMBURSEMENT WILL BEBASED ON THE SCHEDULE BELOW.**

BMP Irrigation Items	Precision Ag Practices
Centralized Remote Control	Grid Soil Sampling
Control Panel Upgrade	Tissue Sampling
GPS Endgun Shutoff	Variable Rate Nutrient Application
Portable Fertigation System	Any 1 - 75%
Pump Upgrade (High to Low Pressure Remote Control (Radios)	Any 2 - 80%
Stationary Fertigation System	All 3 - 85%
Variable Frequency Drive (VFD)	
Weather Station w/ ET Measurement	
Any 1 - 75%	
Any 2 - 80%	
Any 3 - 85%	
Any 4 - 90%	

ATTACHMENT A

District Specifications

The PRODUCER shall complete the purchase, installation and/or implementation of the authorized EQUIPMENT and/or PRECISION AGRICULTUE PRACTICES in accordance with the above schedule.

The PRODUCER shall be actively participating in the DISTRICT'S AUTOMATED WATER USE MONITORING PROGRAM prior to reimbursement.

The PRODUCER shall maintain compliance with the associated Water Use Permit(s) for the duration of the contract.

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The PRODUCER has executed and maintains a current FDACS Notice of Intent (NOI) to comply with Best Management Practices.

District Terms and Conditions

Agricultural BMP Irrigation Cost-Share

Maximum cost-share per applicant is capped at \$300,000 over five (5) years per funding source. Equipment may include weather stations, pump upgrades, centralized remote control panels. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

Fertigation Tank System

A fertigation tank system allows the producer to apply fertilizer through their existing irrigation infrastructure. The fertigation system should include a chemical storage tank, injector pump, safety valves, backflow prevention, trailer (for portable units) and associated plumbing. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

GPS End-Gun Shut off

GPS End-gun shut off can reduce water loss by precisely controlling the end-gun operation. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

ATTACHMENT A

Grid Soil Sampling

Grid soil sampling allows growers to manage nutrient application in as small a unit as 2.5 acres by having a soil nutrient analysis taken on 2.5-acre grids. Grid sampling can be conducted in straight grids, or alternatively to scientifically delineated zones. Grid-based soil analysis assists growers with applying the needed nutrient in the right amount, at the right time, in the right place, and the right source. Cost-share is limited to 75% up to \$7/acre/year. Straight grids shall be no larger than 10 acres and no smaller than 2.5 acres. When cost-sharing this item, the applicant must variable rate apply nutrients (see below: Variable Rate Nutrient Application) at least once in the season if the sample analysis recommends a variable rate application. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

Soil Moisture probe service agreement

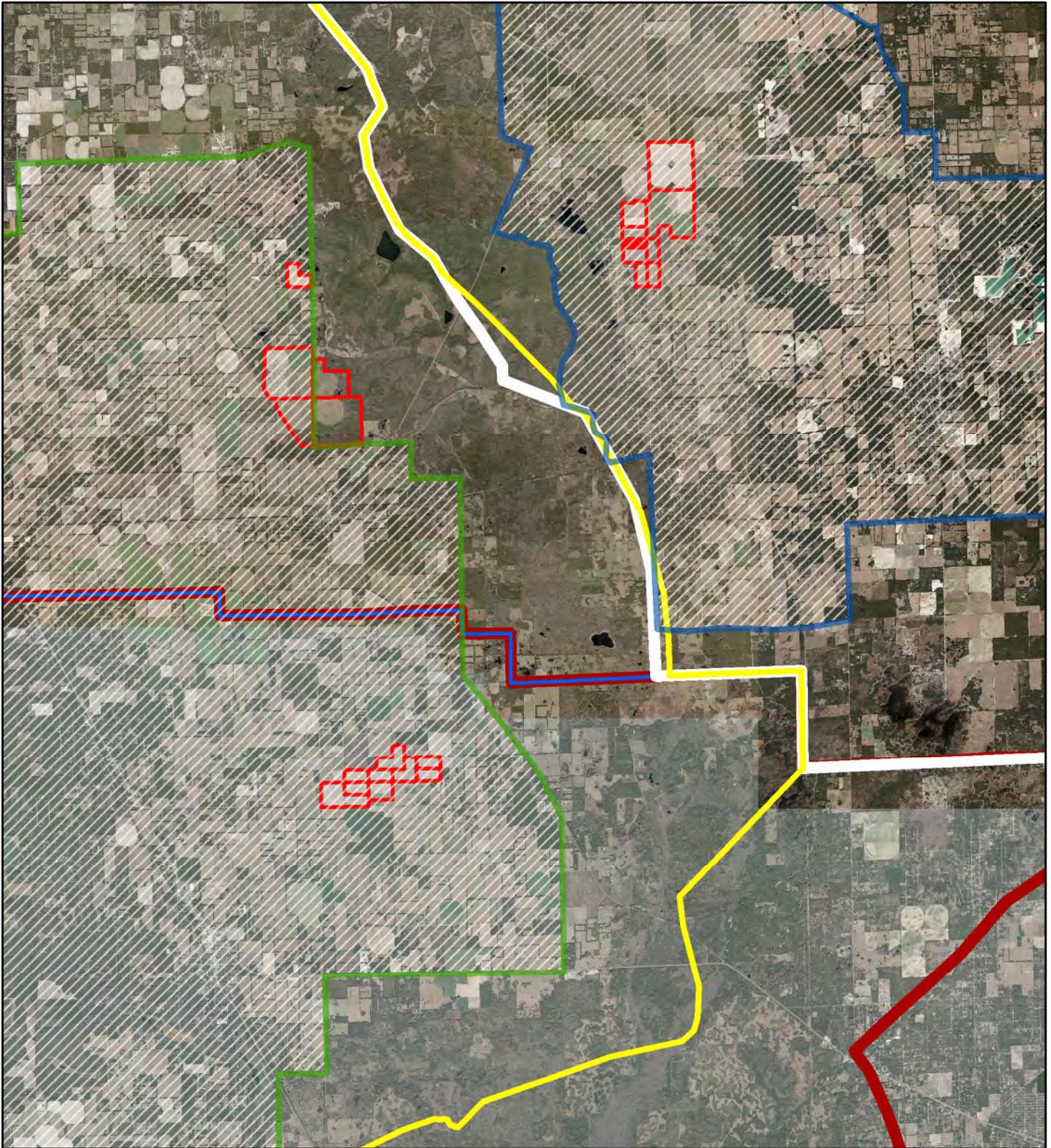
Soil moisture probes (or sensors) measure the soil moisture and electrical conductivity at varying depths within the soil profile, providing real-time data that allows the producer to make informed decisions on when to irrigate and how much irrigation water is needed. This technology when applied properly results in a more efficient and effective use of irrigation water in responding to the crops moisture needs. Probe installation should provide a remote access data platform and a service agreement to help the producer implement the technology. For reimbursement, the producer must provide a copy of the paid invoice, cancelled check (front and back) or some verifiable form of payment to the vendor, installation locations, proof of data reporting, and pictures of the installed probe on an annual basis. For this item one unit is one probe.

Tissue Sampling

Tissue sampling is a crop management tool that allows growers to make informed decisions with regard to nutrient application by determining their crops nutrient need at various stages of development. This practice assists growers in putting the right source and amount at the right time and place reducing unnecessary nutrient application while maximizing production efficiency. Cost-share is limited to 75% up to \$20/sample, 1 sample/5 acres. These samples must be geo-referenced. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

Variable Rate Nutrient Application

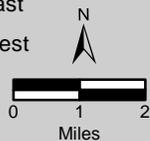
Variable rate nutrient application allows growers to have nutrients applied to their fields at a variable rate based upon the results and recommendations of a grid soil sample analysis (see above: Grid Soil Sampling). Variable rate nutrient application allows growers to put the right source and amount at the right time and place, thus eliminating unnecessary nutrient application, and optimizing plant growth efficiency. Cost-share is limited to 75% up to \$9/acre/application, 2 applications/year. For reimbursement, the producer must provide a copy of the prescription map, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.



-  Devils Ear PFA
-  Fanning Manatee PFA
-  Suwannee BMAP
-  Santa Fe BMAP
-  Water Supply Planning Area - East
-  Water Supply Planning Area - West
-  Alliance Grazing Group, LLP

Alliance Grazing Group, LLP.

Cost-Share
November 2025



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001.
Map Created on 10/16/2025

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Ben Glass, Chief, Office of Administration

THRU: Tim Alexander, Assistant Executive Director, Business and Community Services

DATE: November 11, 2025

RE: Agricultural Cost-Share Task Work Assignment with Herman Sanchez Jr.,
Gilchrist, Levy, and Suwannee Counties

RECOMMENDATION

Authorize the Executive Director to enter into a task work assignment with Herman Sanchez Jr. to implement agricultural cost-share practices for an amount not to exceed \$62,270.54.

BACKGROUND

The Suwannee River Water Management District (District) has provided agricultural cost-share funds along with the Florida Department of Agriculture and Consumer Services and the Florida Department of Environmental Protection as part of the Suwannee River Partnership to help agricultural producers implement best management practices. Best management practices help farmers conserve water and improve water quality in the District.

Herman Sanchez Jr. has applied for agricultural cost-share under the District Agricultural Cost-Share Program for a project in Gilchrist, Levy, and Suwannee Counties. The original contract and task work assignment was approved by the Executive Director on February 5, 2025, and contained tissue sampling, grid soil sampling, and variable rate nutrient application. This new task work assignment contains grid soil sampling, variable rate nutrient application, and tissue samples for use across 2,038 acres of corn, peanuts, watermelons, grass and carrots. There is one funding source that will be used to execute this contract. The amount allocated by one funding source will not exceed the \$300,000 threshold.

This project is located in the Suwannee Basin Management Action Plan Areas, Fanning Manatee and Troy Peacock Lafayette Blue Falmouth Priority Focus Area, the Eastern and Western water supply planning region. The associated nutrient reduction is 101,900 lb.-N/yr at land surface.

Attachment A lists the cost share items and funding breakdown. Funding for this project is included in the Fiscal Year 2026 Final Budget.

SA/ak
Attachments

ATTACHMENT A

PRODUCER	Herman Sanchez Jr.	Contract
WATER USE PERMIT	221420, 218083, 221374, 226457, 216093, 221779	24/25-076
BMAP	SUWA	TWA #
PFA	Troy Peacock LafayetteBlue Falmouth	2
PFA	Fanning Manatee	
COUNTY	Suwannee	
COUNTY	Levy	
COUNTY	Dixie	

Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices

Item	Percent Cost-Share	Maximum Cost-Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost-Share Total	Producer Share	Completion Due Date
LP61038 Program Sustainable Suwannee Low Input					\$62,270.54		
Variable Rate Nutrient Application per Ac.	85%	\$10.20		4076	\$41,575.20	\$7,336.80	1 year from effective date
Tissue Sampling per Ac.	85%	\$22.67		200	\$4,534.00	\$800.12	1 year from effective date
Grid Soil Sampling with VRNA	85%	\$7.93		2038	\$16,161.34	\$2,852.00	1 year from effective date

FUNDING

Contract Amount	\$62,270.54	Estimated PRODUCER funds	\$10,988.92
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ATTACHMENT A

District Specifications

The PRODUCER shall not purchase, install, implement or complete the above authorized EQUIPMENT and/or PRECISION AGRICULTURE PRACTICES prior to the EFFECTIVE DATE of the CONTRACT.

The PRODUCER shall complete the purchase, installation and/or implementation of the authorized EQUIPMENT and/or PRECISION AGRICULTURE PRACTICES in accordance with the above schedule.

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The PRODUCER shall maintain compliance with the associated Water Use Permit(s) for the duration of the contract.

All invoices and payments shall have dates showing when they were invoiced and paid. The dates for all financial transactions must coincide within the contract term to be eligible for reimbursement.

The PRODUCER shall own or have control of the property where the EQUIPMENT and/or PRECISION AGRICULTURAL PRACTICES are located for the duration of the CONTRACT.

The PRODUCER has executed and maintains a current FDACS Notice of Intent (NOI) to comply with Best Management Practices.

District Terms and Conditions

Grid Soil Sampling

Grid soil sampling allows growers to manage nutrient application in as small a unit as 2.5 acres by having a soil nutrient analysis taken on 2.5-acre grids. Grid sampling can be conducted in straight grids, or alternatively to scientifically delineated zones. Grid-based soil analysis assists growers with applying the needed nutrient in the right amount, at the right time, in the right place, and the right source. Cost-share is limited to 75% up to \$7/acre/year. Straight grids shall be no larger than 10 acres and no smaller than 2.5 acres. When cost-sharing this item, the applicant must variable rate apply nutrients (see below: Variable Rate Nutrient Application) at least once in the season if the sample analysis recommends a variable rate application. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

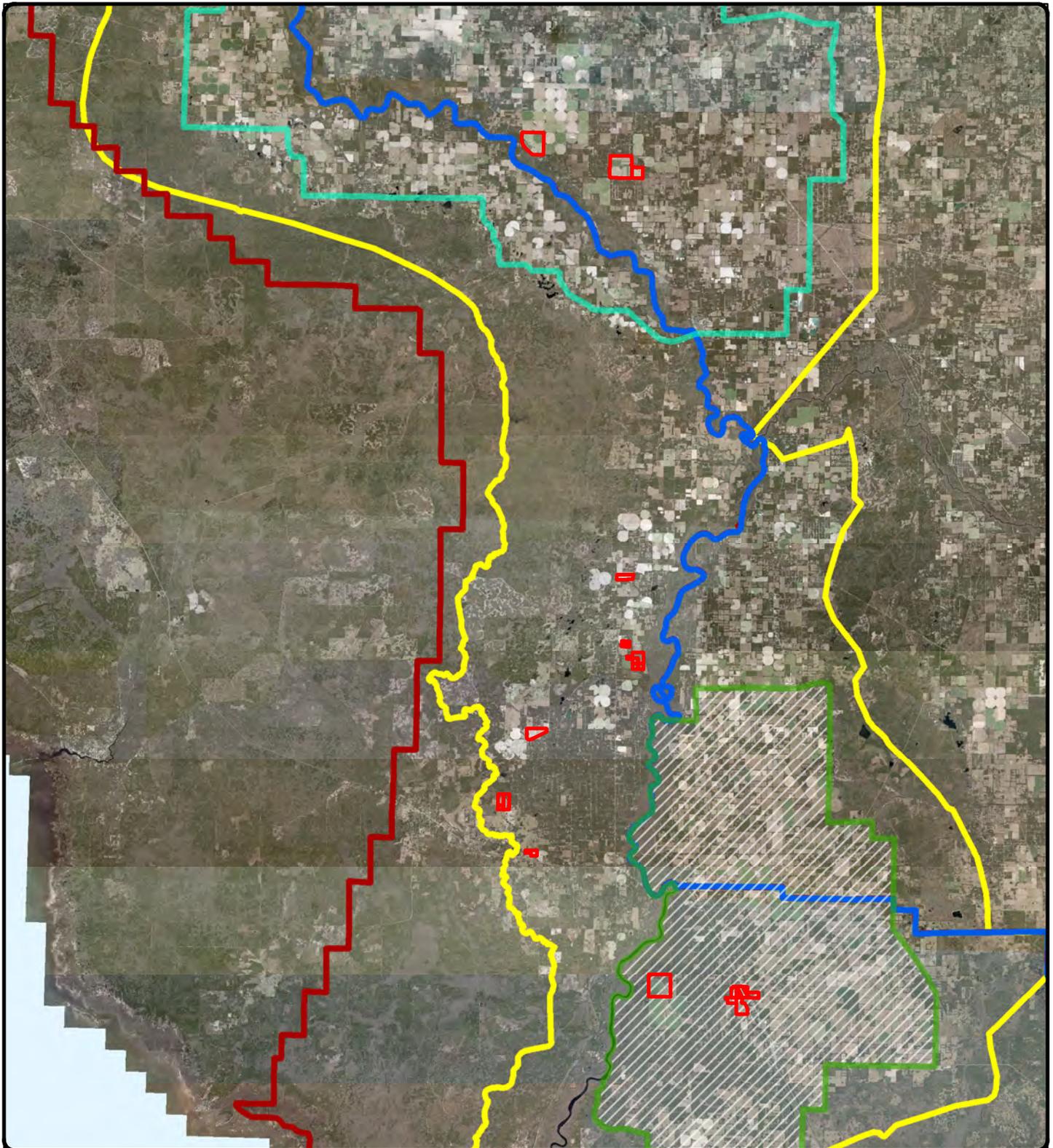
Tissue Sampling

Tissue sampling is a crop management tool that allows growers to make informed decisions with regard to nutrient application by determining their crops nutrient need at various stages of development. This practice assists growers in putting the right source and amount at the right time and place reducing unnecessary nutrient application while maximizing production efficiency. Cost-share is limited to 75% up to \$20/sample, 1 sample/5 acres. These samples must be geo-referenced. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

ATTACHMENT A

Variable Rate Nutrient Application

Variable rate nutrient application allows growers to have nutrients applied to their fields at a variable rate based upon the results and recommendations of a grid soil sample analysis (see above: Grid Soil Sampling). Variable rate nutrient application allows growers to put the right source and amount at the right time and place, thus eliminating unnecessary nutrient application, and optimizing plant growth efficiency. Cost-share is limited to 75% up to \$9/acre/application, 2 applications/year. For reimbursement, the producer must provide a copy of the prescription map, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.



Herman Sanchez Jr. November 2025



- Herman Sanchez, Jr
- Troy Peacock Lafayette Blue Falmouth PFA
- ▨ Fanning Manatee PFA
- Water Supply Planning Area - East
- Water Supply Planning Area - West
- Suwannee BMAP



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Map Created on 5/30/2024

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Ben Glass, Chief, Office of Administration

THRU: Tim Alexander, Assistant Executive Director, Business and Community Services

DATE: November 11, 2025

RE: Agricultural Cost-Share Task Work Assignment with Kelby Sanchez, Dixie, Gilchrist, and Suwannee Counties

RECOMMENDATION

Authorize the Executive Director to enter into a task work assignment with Kelby Sanchez to implement agricultural cost-share practices for an amount not to exceed \$64,649.26.

BACKGROUND

The Suwannee River Water Management District (District) has provided agricultural cost-share funds along with the Florida Department of Agriculture and Consumer Services and the Florida Department of Environmental Protection as part of the Suwannee River Partnership to help agricultural producers implement best management practices. Best management practices help farmers conserve water and improve water quality in the District.

Kelby Sanchez has applied for agricultural cost-share under the District Agricultural Cost-Share Program for a project in Dixie, Gilchrist, and Suwannee Counties. The original contract and task work assignment was approved by the Executive Director on February 4, 2025, and contained tissue sampling, grid soil sampling, and variable rate nutrient application. The second task work assignment was approved by the Executive Director on September 25, 2025 and contained soil moisture probe service agreements. This new task work assignment contains grid soil sampling, variable rate nutrient application, and tissue samples for use across 2,122 acres of corn, peanuts, watermelons, grass and carrots. There is one funding source that will be used to execute this contract. The amount allocated by one funding source will not exceed the \$300,000 threshold.

This project is located in the Suwannee Basin Management Action Plan Areas, Fanning Manatee and Troy Peacock Lafayette Blue Falmouth Priority Focus Areas, and the Eastern and Western water supply planning region. The associated nutrient reduction is 106,100 lb.-N/yr at land surface.

Attachment A lists the cost share items and funding breakdown. Funding for this project is included in the Fiscal Year 2026 Final Budget.

SA/ak
Attachments

ATTACHMENT A

***IF INVOICES FOR THESE ITEMS ARE SUBMITTED TOGETHER, AT THE SAME TIME, THE MAXIMUM PRECENTAGES AND DOLLAR AMOUNTS WILL BE REIMBURSED. OTHERWISE, REIMBURSEMENT WILL BEBASED ON THE SCHEDULE BELOW.**

BMP Irrigation Items	Precision Ag Practices
Centralized Remote Control	Grid Soil Sampling
Control Panel Upgrade	Tissue Sampling
GPS Endgun Shutoff	Variable Rate Nutrient Application
Portable Fertigation System	Any 1 - 75%
Pump Upgrade (High to Low Pressure Remote Control (Radios)	Any 2 - 80%
Stationary Fertigation System	All 3 - 85%
Variable Frequency Drive (VFD)	
Weather Station w/ ET Measurement	
Any 1 - 75%	
Any 2 - 80%	
Any 3 - 85%	
Any 4 - 90%	

ATTACHMENT A

District Specifications

The PRODUCER shall complete the purchase, installation and/or implementation of the authorized EQUIPMENT and/or PRECISION AGRICULTUE PRACTICES in accordance with the above schedule.

The PRODUCER shall be actively participating in the DISTRICT'S AUTOMATED WATER USE MONITORING PROGRAM prior to reimbursement.

The PRODUCER shall maintain compliance with the associated Water Use Permit(s) for the duration of the contract.

All invoices and payments shall have dates showing when they were invoiced and paid. The dates for all financial transactions must coincide within the contract term to be eligible for reimbursement.

The PRODUCER shall own or have control of the property where the EQUIPMENT and/or PRECISION AGRICULTURAL PRACTICES are located for the duration of the CONTRACT.

The PRODUCER has executed and maintains a current FDACS Notice of Intent (NOI) to comply with Best Management Practices.

District Terms and Conditions

Grid Soil Sampling

Grid soil sampling allows growers to manage nutrient application in as small a unit as 2.5 acres by having a soil nutrient analysis taken on 2.5-acre grids. Grid sampling can be conducted in straight grids, or alternatively to scientifically delineated zones. Grid-based soil analysis assists growers with applying the needed nutrient in the right amount, at the right time, in the right place, and the right source. Cost-share is limited to 75% up to \$7/acre/year. Straight grids shall be no larger than 10 acres and no smaller than 2.5 acres. When cost-sharing this item, the applicant must variable rate apply nutrients (see below: Variable Rate Nutrient Application) at least once in the season if the sample analysis recommends a variable rate application. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

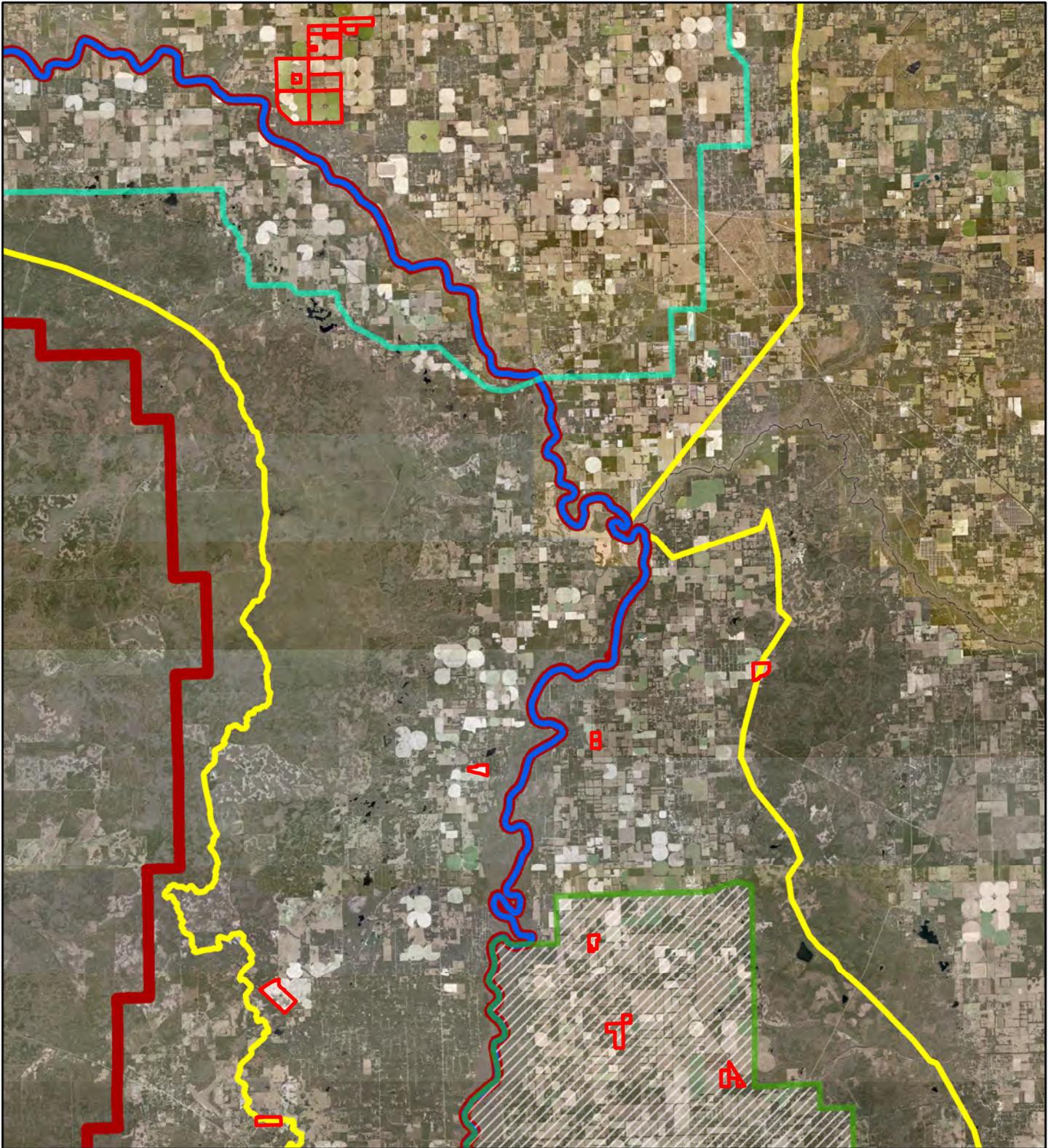
Tissue Sampling

Tissue sampling is a crop management tool that allows growers to make informed decisions with regard to nutrient application by determining their crops nutrient need at various stages of development. This practice assists growers in putting the right source and amount at the right time and place reducing unnecessary nutrient application while maximizing production efficiency. Cost-share is limited to 75% up to \$20/sample, 1 sample/5 acres. These samples must be geo-referenced. For reimbursement, the producer must provide a copy of the sampling map, lab report for the sampling event, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

ATTACHMENT A

Variable Rate Nutrient Application

Variable rate nutrient application allows growers to have nutrients applied to their fields at a variable rate based upon the results and recommendations of a grid soil sample analysis (see above: Grid Soil Sampling). Variable rate nutrient application allows growers to put the right source and amount at the right time and place, thus eliminating unnecessary nutrient application, and optimizing plant growth efficiency. Cost-share is limited to 75% up to \$9/acre/application, 2 applications/year. For reimbursement, the producer must provide a copy of the prescription map, the paid invoice, and canceled check (front and back) or some verifiable form of payment to the vendor providing the service. For this item one unit is one acre.

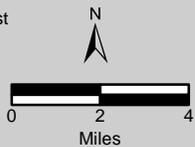


- Kelby Sanchez
- Fanning Manatee PFA
- Troy Peacock Lafayette Blue Falmouth PFA
- Water Supply Planning Area - East
- Water Supply Planning Area - West
- Suwannee BMAP

Kelby Sanchez

Cost-Share

November 2025



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created on 10/23/2025

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Pam Shaw, Chief, Office of Finance
THRU: Tim Alexander, Assistant Executive Director, Business and Community Services
DATE: October 31, 2025
RE: September 2025 Financial Report

RECOMMENDATION

Approve the September 2025 Financial Report and confirm the expenditures of the District.

BACKGROUND

Section 373.553(1), Florida Statutes (F.S.), authorizes the delegation of authority by the Governing Board to the Executive Director to disburse District funds, providing certification is made to the Board at the next regular meeting that such disbursement is proper, in order, and within budgetary limits. In compliance with the statutory provisions in Chapter 373, F.S., the Governing Board of the Suwannee River Water Management District has directed staff to prepare a financial report as attached.

PS/ak
Attachments

**Suwannee River Water Management District
Cash Report
September 2025**

Financial Institution/Account	Monthly Interest	Closing Balance
First Federal Permit Fee	\$22.49	\$522.49
First Federal Accounts Payable	\$54.35	\$35,000.00
First Federal EFT Disbursements	\$134.53	\$292,203.49
First Federal Depository	\$943.24	\$1,068,525.86
Florida PRIME (SBA LGIA)	\$18,709.66	\$5,198,404.21
First Federal ICS Custodian Account	\$51,536.68	\$13,799,750.66
Special Purpose Investment Account (SPIA)*	\$71,129.57	\$19,685,777.06
TOTAL	<u>\$142,530.52</u>	<u>\$40,080,183.77</u>

*SPIA is part of the Treasury Investment Pool administered by Florida Department of Financial Services.

Suwannee River Water Management District
Statement of Sources and Uses of Funds
For the Month ending September 30, 2025 (through 10/24/25)
(Unaudited)

	Current Budget	Actuals Through 9/30/2025	Variance (Under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 7,094,781	\$ 7,116,973	\$ 22,192	100.3%
Intergovernmental Revenues	\$ 59,799,239	\$ 20,122,647	\$ (39,676,592)	33.7%
Interest on Invested Funds	\$ 130,000	\$ 1,661,716	\$ 1,531,716	1278.2%
License and Permit Fees	\$ 223,000	\$ 291,050	\$ 68,050	130.5%
Other	\$ 1,410,288	\$ 2,699,546	\$ 1,289,258	191.4%
Fund Balance ¹	\$ 11,309,970	\$ 3,342,249	\$ (7,967,721)	29.6%
Total Sources	\$ 79,967,278	\$ 35,234,181	\$ (44,733,097)	44.1%

	Current Budget	Expenditures	Encumbrances ²	Available Budget	%Expended	%Obligated ³
Uses						
Water Resources Planning and Monitoring	\$ 11,586,257	\$ 6,639,229	\$ 7,319,015	\$ (2,371,986)	57%	120%
Acquisition, Restoration and Public Works	\$ 53,303,940	\$ 15,211,739	\$ 26,024,074	\$ 12,068,126	29%	77%
Operation and Maintenance of Lands and Works	\$ 10,391,632	\$ 6,828,097	\$ 757,679	\$ 2,805,856	66%	73%
Regulation	\$ 2,335,426	\$ 1,519,687	\$ 53,224	\$ 762,515	65%	67%
Outreach	\$ 211,283	\$ 209,748	\$ -	\$ 1,535	99%	99%
Management and Administration	\$ 2,138,740	\$ 1,735,348	\$ 16,228	\$ 387,164	81%	82%
Total Uses	\$ 79,967,278	\$ 32,143,849	\$ 34,170,220	\$ 13,653,209	40%	83%

¹ Actual Fund Balance used is recorded at the end of the fiscal year. This amount represents Fund Balance used for the District Agricultural and RIVER Cost-Share, Regional Water Resource Development, Project Effectiveness Metrics Programs, FY24 Operational Transfer for Hydro/Ag Monitoring, and SRP Ag Cost-Share.

² Encumbrances represent unexpended balances of open purchase orders, contracts, and task work assignments.

³ Represents the sum of expenditures and encumbrances as a percentage of the available budget.

This financial statement is prepared as of September 30, 2025 and covers the interim period since the most recent audited financial statements.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
FOR 9/30/2025

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>Report Recap -</u>			
REVENUES			
DISTRICT REVENUES	11,769,285	0	8,858,069
LOCAL REVENUES	0	0	0
STATE REVENUES	14,807,917	0	52,326,239
FEDERAL REVENUES	5,314,730	0	7,473,000
FUND BALANCE UTILIZATION	3,342,249	0	11,309,970
TOTAL REVENUES	35,234,181	0	79,967,278
EXPENDITURES			
SALARIES AND BENEFITS	7,202,066	0	8,987,702
CONTRACTUAL SERVICES	11,349,828	19,616,063	26,484,784
OPERATING EXPENDITURES	1,843,172	163,149	2,588,248
OPERATING CAPITAL OUTLAY	177,987	0	288,044
FIXED CAPITAL OUTLAY	2,898,390	15,793	10,551,000
INTERAGENCY EXPENDITURES	8,672,406	14,375,215	31,067,500
TOTAL EXPENDITURES	32,143,849	34,170,220	79,967,278
EXCESS REVENUES OVER (UNDER) EXPENDITURES	3,090,332	(34,170,220)	0
<u>General Fund -</u>			
REVENUES			
DISTRICT REVENUES	8,890,563	0	6,528,787
LOCAL REVENUES	0	0	0
STATE REVENUES	4,412,420	0	4,632,000
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	100,135	0	2,862,739
TOTAL REVENUES	13,403,118	0	14,023,526
EXPENDITURES			
SALARIES AND BENEFITS	6,295,623	0	7,816,845
CONTRACTUAL SERVICES	1,384,409	534,100	2,952,675
OPERATING EXPENDITURES	1,281,288	73,267	1,683,792
OPERATING CAPITAL OUTLAY	84,307	0	149,714
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	901,511	136,838	1,420,500
TOTAL EXPENDITURES	9,947,138	744,205	14,023,526
EXCESS REVENUES OVER (UNDER) EXPENDITURES	3,455,980	(744,205)	0
<u>Land Management Operations -</u>			
REVENUES			
DISTRICT REVENUES	2,608,939	0	2,329,282
LOCAL REVENUES	0	0	0
STATE REVENUES	3,484,140	0	5,660,119
FEDERAL REVENUES	106,975	0	30,000
FUND BALANCE UTILIZATION	0	0	2,667,231
TOTAL REVENUES	6,200,054	0	10,686,632
EXPENDITURES			
SALARIES AND BENEFITS	906,093	0	1,165,305
CONTRACTUAL SERVICES	3,641,101	452,543	4,031,489
OPERATING EXPENDITURES	554,585	89,882	855,508
OPERATING CAPITAL OUTLAY	93,681	0	113,330
FIXED CAPITAL OUTLAY	1,035,939	15,793	3,551,000
INTERAGENCY EXPENDITURES	603,313	198,774	970,000
TOTAL EXPENDITURES	6,834,712	756,992	10,686,632
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(634,658) *	(756,992)	0

**To be covered by Ad Valorem*

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
FOR 9/30/2025

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>District Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	1,004,195	0	3,340,000
TOTAL REVENUES	1,004,195	0	3,340,000
EXPENDITURES			
SALARIES AND BENEFITS	0	0	0
CONTRACTUAL SERVICES	247,049	979,059	1,150,000
OPERATING EXPENDITURES	0	0	30,000
OPERATING CAPITAL OUTLAY	0	0	25,000
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	757,146	1,143,628	2,135,000
TOTAL EXPENDITURES	1,004,195	2,122,687	3,340,000
EXCESS REVENUES OVER (UNDER) EXPENDITURES	0	(2,122,687)	0
<u>State Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	269,782	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	6,911,357	0	42,034,120
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	2,237,919	0	2,440,000
TOTAL REVENUES	9,419,058	0	44,474,120
EXPENDITURES			
SALARIES AND BENEFITS	0	0	5,552
CONTRACTUAL SERVICES	4,021,033	11,093,810	13,915,620
OPERATING EXPENDITURES	4,910	0	10,948
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	1,862,452	0	7,000,000
INTERAGENCY EXPENDITURES	3,261,655	12,895,975	23,542,000
TOTAL EXPENDITURES	9,150,050	23,989,785	44,474,120
EXCESS REVENUES OVER (UNDER) EXPENDITURES	269,008 *	(23,989,785)	0
<i>*Interest Earned on Restricted Funds</i>			
<u>Federal Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	5,207,755	0	7,443,000
FUND BALANCE UTILIZATION	0	0	0
TOTAL REVENUES	5,207,755	0	7,443,000
EXPENDITURES			
SALARIES AND BENEFITS	349	0	0
CONTRACTUAL SERVICES	2,056,237	6,556,550	4,435,000
OPERATING EXPENDITURES	2,389	0	8,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	3,148,780	0	3,000,000
TOTAL EXPENDITURES	5,207,755	6,556,550	7,443,000
EXCESS REVENUES OVER (UNDER) EXPENDITURES	0	(6,556,550)	0

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Kristin Thompson, Finance Program Manager, Office of Finance

THRU: Pam Shaw, Chief Financial Officer, Office of Finance
Tim Alexander, Assistant Executive Director, Business and Community Services

DATE: October 21, 2025

RE: Fiscal Year 2024 – 2025 Budget Modifications

RECOMMENDATION

Authorize the Fiscal Year 2024 - 2025 Adopted Budget modifications.

BACKGROUND

District procedures allow for budget modifications for transactions that do not change the original intent of the approved budget. These modifications will not increase or decrease the total District budget.

Based on actual expenditures in Fiscal Year 2024 - 2025 (FY 2025), minor budget modifications are needed. Modifications include salaries and benefits, contractual services, and interagency expenditures within and across programs, funds, and projects.

The attached Budget Modification Report includes budget modifications to the FY 2025 budget by fund and expense category.

KT/ak
Attachment

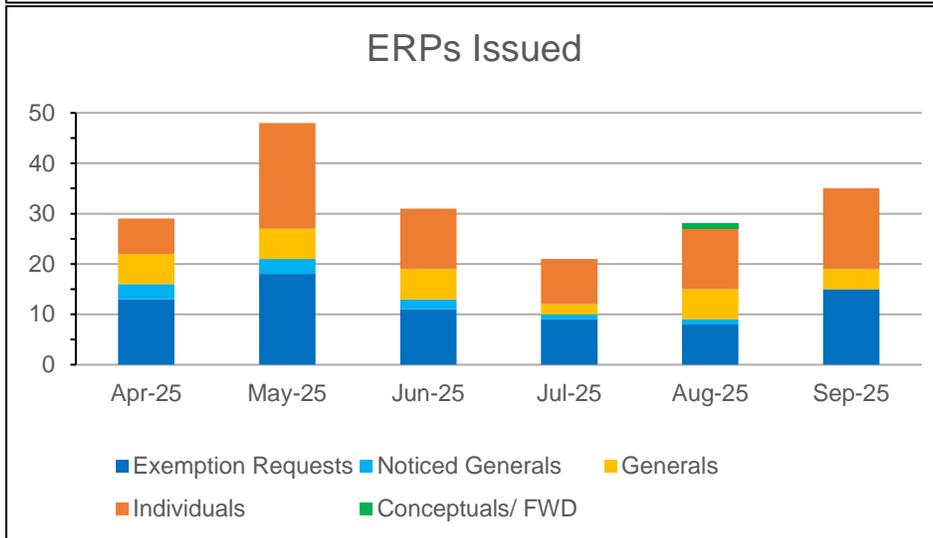
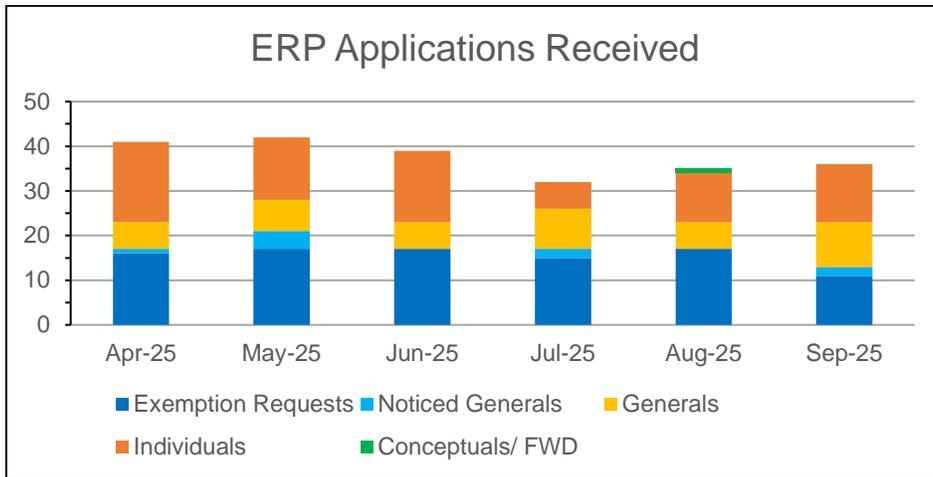
Suwannee River Water Management District

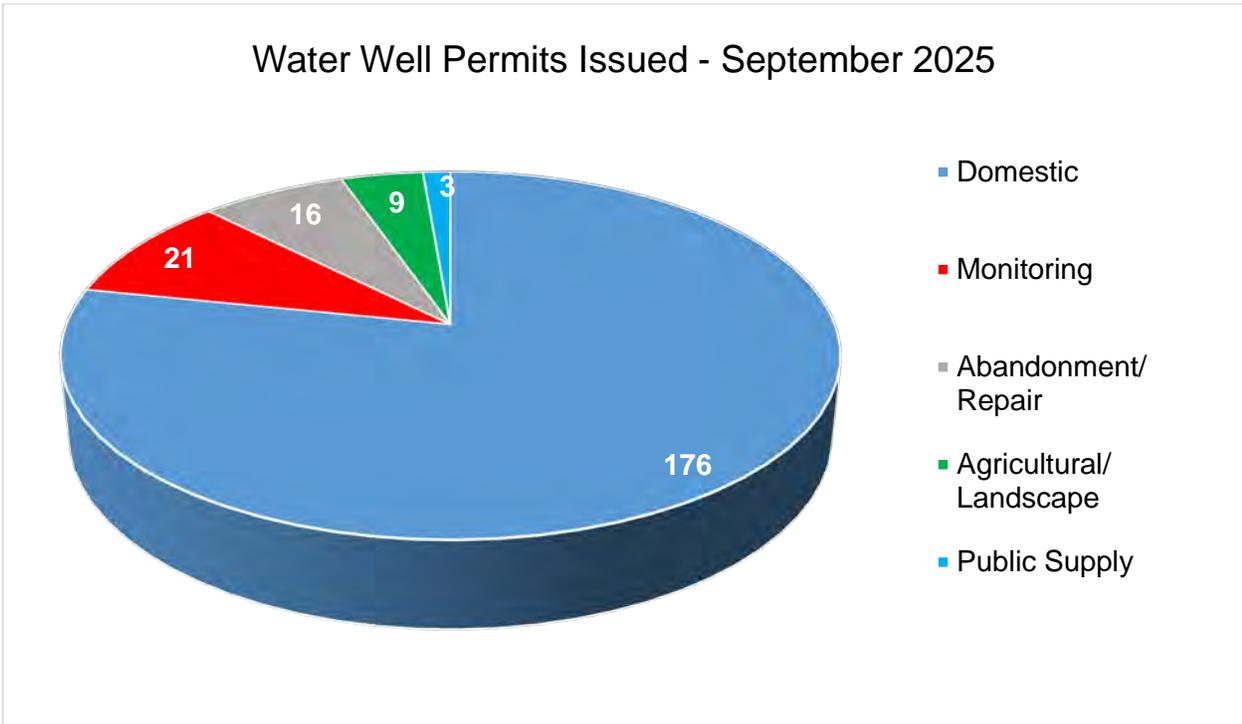
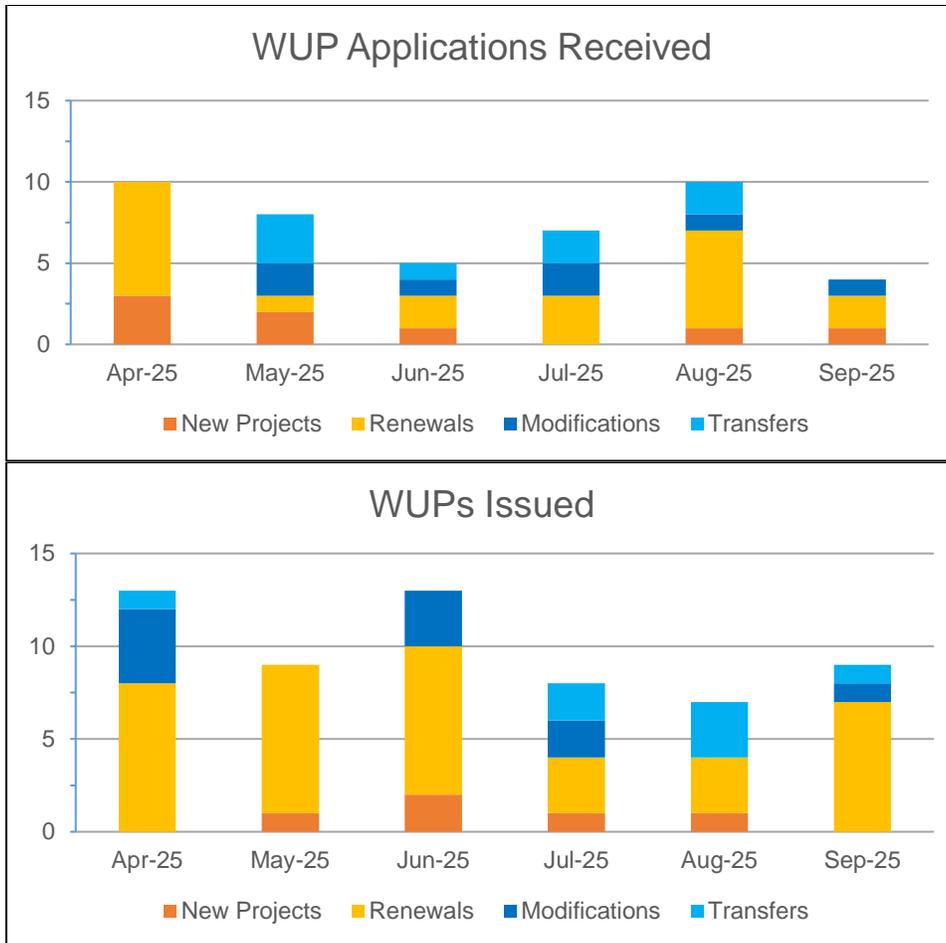
Budget Modification / Amendment FY 2024–2025	TOTAL BUDGET ADOPTED	CHANGE	TOTAL BUDGET AMENDED	GENERAL FUND (Adopted)	CHANGE	GENERAL FUND (Amended)	LAND MANAGEMENT & OPERATIONS SPECIAL REVENUE FUND	DISTRICT SPECIAL REVENUE FUND	STATE SPECIAL REVENUE FUND	FEDERAL SPECIAL REVENUE FUND (Adopted)	CHANGE	FEDERAL SPECIAL REVENUE FUND (Amended)
Revenues												
District Revenue	\$ 8,858,069	\$ -	\$ 8,858,069	\$ 6,528,787	\$ -	\$ 6,528,787	\$ 2,329,282	\$ -	\$ -	\$ -	\$ -	\$ -
Local Revenue	-	-	-	-	-	-	-	-	-	-	-	-
State Revenue	52,326,239	-	52,326,239	4,632,000	-	4,632,000	5,660,119	-	42,034,120	-	-	-
Federal Revenue	7,473,000	349	7,473,349	-	-	-	30,000	-	-	7,443,000	349	7,443,349
Total Revenues	\$ 68,657,308	\$ 349	\$ 68,657,657	\$ 11,160,787	\$ -	\$ 11,160,787	\$ 8,019,401	\$ -	\$ 42,034,120	\$ 7,443,000	\$ 349	\$ 7,443,349
Transfers In	-	-	-	-	-	-	-	-	-	-	-	-
Transfers Out	-	-	-	-	-	-	-	-	-	-	-	-
Fund Balance Utilization	11,309,970	(349)	11,309,621	2,862,739	(349)	2,862,390	2,667,231	3,340,000	2,440,000	-	-	-
TOTAL REVENUES, TRANSFERS & FUND BALANCE UTILIZATION	\$ 79,967,278	\$ -	\$ 79,967,278	\$ 14,023,526	\$ (349)	\$ 14,023,177	\$ 10,686,632	\$ 3,340,000	\$ 44,474,120	\$ 7,443,000	\$ 349	\$ 7,443,349
Expenditures												
Salaries & Benefits	8,987,702	-	8,987,702	7,816,845	(349)	7,816,496	1,165,305	-	5,552	-	349	349
Contractual Services	26,484,784	(150,000)	26,334,784	2,952,675	-	2,952,675	4,031,489	1,150,000	13,915,620	4,435,000	(150,000)	4,285,000
Operating Expenditures	2,588,248	-	2,588,248	1,683,792	-	1,683,792	855,508	30,000	10,948	8,000	-	8,000
Operating Capital Outlay	288,044	-	288,044	149,714	-	149,714	113,330	25,000	-	-	-	-
Fixed Capital Outlay	10,551,000	-	10,551,000	-	-	-	3,551,000	-	7,000,000	-	-	-
Interagency Expenditures	31,067,500	150,000	31,217,500	1,420,500	-	1,420,500	970,000	2,135,000	23,542,000	3,000,000	150,000	3,150,000
TOTAL EXPENDITURES	\$ 79,967,278	\$ -	\$ 79,967,278	\$ 14,023,526	\$ (349)	\$ 14,023,177	\$ 10,686,632	\$ 3,340,000	\$ 44,474,120	\$ 7,443,000	\$ 349	\$ 7,443,349

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Leroy Marshall, Director, Resource Management/ Projects Division
THRU: Tim Alexander, Assistant Executive Director, Business and Community Services
DATE: October 31, 2025
RE: Permitting Summary Report





40B-1.1010 Point of Entry into Proceedings

GB Authorized Rulemaking	2/14/2023
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-2.011 Policy and Purpose

GB Authorized Rulemaking	7/8/2025
Notice of Rule Development	7/21/2025
Public Workshop	
Notice of Proposed Rule	9/26/2025
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-2.301 Cond for Issuance of Permits

GB Authorized Rulemaking	7/8/2025
Notice of Rule Development	7/21/2025
Public Workshop	
Notice of Proposed Rule	9/26/2025
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-2.321 Duration of Permits

GB Authorized Rulemaking	7/8/2025
Notice of Rule Development	7/21/2025
Public Workshop	8/25/2025
Notice of Proposed Rule	9/26/2025
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-2.331 Modification of Permits

GB Authorized Rulemaking	7/8/2025
Notice of Rule Development	7/21/2025
Public Workshop	8/25/2025
Notice of Proposed Rule	9/26/2025
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-9.021 Definitions

GB Authorized Rulemaking	9/9/2025
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-9.041 Acquisition Procedures

GB Authorized Rulemaking	9/9/2025
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-9.126 Access to District Lands

GB Authorized Rulemaking	9/9/2025
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-9.131 Public Use of District Lands

GB Authorized Rulemaking	9/9/2025
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-9.1381 Prohibited Activities

GB Authorized Rulemaking	9/9/2025
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-9.1411 Special Use Authorizations

GB Authorized Rulemaking	9/9/2025
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

40B-9.151 Closure of District Lands

GB Authorized Rulemaking	9/9/2025
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Correction/ Change	
File with DOS	
Effective Date	

ERP/ WUP Compliance Agreements:

None to report

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Leroy Marshall, Director, Resource Management/Projects Division
THRU: Tim Alexander, Assistant Executive Director, Business and Community Services
DATE: October 31, 2025
RE: Agriculture and Environmental Projects Monthly Report

Attached for your information is the Agriculture and Environmental Projects Monthly Report.

LMII/tm
Attachment

Office of Agriculture and Environmental Projects Monthly Report

Period ending September 30, 2025

ENVIRONMENTAL PROJECTS PROGRAM		
	Number of Contracts	Amount under contract
Active Contracts	19	\$ 12,473,027
Completed within the last 6 months	4	\$ 12,317,073
Totals	23	\$ 24,790,100

AGRICULTURAL COST-SHARE PROGRAM		
	Number of Contracts	Amount under contract
Active Contracts	184	\$ 14,916,215
Completed within the last 6 months	26	\$ 2,880,847
Totals	210	\$ 17,797,062

FLOOD RISK OUTREACH AND MAPPING PROGRAM		
	Number of Contracts	Amount under contract
Number of Contracts (TWAs)	21	\$ 11,113,822
Completed within the last 6 months	0	\$ -
Totals	21	\$ 11,113,822
TOTAL CONTRACTS / TWAs	254	\$ 53,700,984

AEP APPLICATIONS	
	Number of Projects
Agriculture Applications under review	32
AWS and Springs	0
Conceptual Projects under review	10
Projects in Queue	2
TOTAL	44

AEP FUNDING SOURCES		
	Number of Grants	Grant amount provided
District	3	\$ 10,461,592
FDEP	36	\$ 58,683,926
Federal through FDEP	5	\$ 14,600,000
Federal (CTP Program)	7	\$ 11,359,417
Cooperator Match	-	\$ 12,666,986
TOTAL	51	\$ 107,771,921

FDEP	Florida Department of Environmental Protection
CTP	Cooperating Technical Partner (FEMA)
AEP	Agriculture and Environmental Projects
TWA	Task Work Order
FEMA	Federal Emergency Management Agency

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Troy Roberts, Office Chief, Communications and Outreach
THRU: Katelyn Potter, Director, Outreach and Operations
DATE: October 7, 2025
RE: Outreach and Communications Activity Summary

The following information summarizes Outreach and Communications activities for the month of September 2025:

Facebook	X	Instagram
Total Posts: 16 Total Views: 211,797 Content Interactions: 3,281	Total Posts: 25 Total Impressions: 1,051	Total Posts: 12 Total Views: 5,976 Total Engagement: 208

Press Releases
<ul style="list-style-type: none">September 2 – Governing Board MeetingSeptember 10 – Local Project FundingSeptember 11 – Hydrologic Conditions ReportSeptember 15 – Final Budget Hearing

Media Inquiries / Responses
<ul style="list-style-type: none">September 2 – Troy Roberts conducted an interview with WCJB TV 20 regarding the Waccasassa Flood Risk Review.September 17 – Troy Roberts responded to freelance reporter Terry Witt regarding questions about the Waccasassa Flood Risk Review.September 26 – Troy Roberts responded to a request from the Tampa Bay Times regarding permitting numbers.September 26 – Troy Roberts responded to WUFT regarding a question about land management.

Meetings with Vendors / Consultants / Public
<ul style="list-style-type: none">September 2 – Troy Roberts attended the Levy County Commission meeting to support staff discussion of the Waccasassa Flood Risk Review.September 3 – Troy Roberts attended the UF-IFAS Distinguished Lecturer Series in Gainesville that discussed local springs.

- September 8 – Troy Roberts gave a presentation to Wild at Heart Outdoor Academy at Little River Springs.
- September 9 – Troy Roberts and Katelyn Potter attended the bi-weekly meeting with the Moore Agency to discuss Water First North Florida.
- September 10 – Troy Roberts and staff attended a meeting with Atkins to discuss work related to FEMA's flood risk review projects.
- September 23 – Troy Roberts and Katelyn Potter attended the bi-weekly meeting with the Moore Agency to discuss Water First North Florida.
- September 24 – Troy Roberts attended the monthly roundup meeting with FDEP and other water management district communications offices.
- September 30 – Troy Roberts met with the Moore Agency to discuss work related to a FEMA outreach grant.
- September 30 – Troy Roberts met with Alachua Conservation Trust to discuss an upcoming press release that discusses District funding initiatives.

September Photo Highlight:

This photo, taken in early September, shows the distinct difference between spring water and river water at the confluence of Little River Spring and the Suwannee River. The two don't mix right away, creating a unique two-toned flow. This photo is the District's second-most viewed post on social media in 2025, garnering more than 90,000 views.



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Katelyn Potter, Director, Outreach and Operations
THRU: Hugh Thomas, Executive Director
DATE: November 3, 2025
RE: Land Acquisition and Disposition Activity Report

Attached for your information is the Land Acquisition and Disposition Activity Report.

KP/ao
Attachment

Surplus									
Tract	Acres	County	Parcel Number(s)	Terms	Status	Acquired Date	Funding	Lands Committee Date	Board Surplus Date
Country Club Road (Southern Parcel)	12.58	Columbia	03-04S-17-07486-001 (portion of)	No Restrictions	Available	07.01.2015	N/A	--	07.09.2019
County Club Road (Pond & Northern Parcel)	47.4	Columbia	03-04S-17-07486-001 (portion of) 03-04S-17-07487-000 (portion of)	No Restrictions	Preparing documentation for bid sale.	07.01.2015	N/A	--	07.09.2019
Three Rivers	1	Columbia	1017000	Subject to a restrictive deed that no well, no septic, and no permanent development be installed.	Available	12.30.1997	Save Our Rivers	07.09.2019	08.13.2019
Suwannee Run Shores*	1.175	Dixie	17-08-14-6877-0000-0100	Subject to a restrictive deed that no well, no septic, and no permanent development be installed.	Offer received. Pending contract.	12.30.1997	Save Our Rivers	07.09.2019	08.13.2019
Forest Woodlands	11	Gilchrist	320814008300000370 320814008300000380	Subject to a restrictive deed that no well, no septic, and no permanent development be installed.	Available	10.11.1996	Save Our Rivers	10.11.2019	11.12.2019
Nature Coast Lots*		Gilchrist	19-10-14-0284-0002-0160 19-10-14-0284-0002-0170 19-10-14-0284-0002-0010 19-10-14-0284-0002-0180	Subject to a restrictive deed that no well, no septic, and no permanent development be installed.	Pending contract for 2 lots. 2 Lots still available.	03.15.1995	Save Our Rivers	09.22.2025	10.14.2025
Santa Fe Oasis*	1	Gilchrist	36-06-15-0086-000F-0080	Subject to a restrictive deed that no well, no septic, and no permanent development be installed.	Entered contract for sale. Pending closing.	04.28.1998	Save Our Rivers	04.14.2020	05.12.2020
Hatchbend Uplands Lot	0.3	Lafayette	26-07-14-0000-0000-00010	Subject to conservation.	Available	05.13.2023	Florida Forever	--	03.10.2015
Falmouth North (8 lots)	6.51	Suwannee	24-01S-11E-10897-030240 24-01S-11E-10897-030310 24-01S-11E-10897-030340 10897020130 10897010010 10897010020 10897010030 10897010040	Subject to conservation.	Available	04.24.1998	Save Our Rivers	--	06.08.2010

Santa Fe Spring*	5.91	Suwannee	32-06S-15E-1534-020150 32-06S-15E-1534-020140	Subject to a restrictive deed that no well, no septic, and no permanent development be installed.	Entered contract for sale. Pending closing.	07.01.1998	Save Our Rivers	12.10.2024	01.14.2025
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* Indicates properties with a current offer(s) or which are under contract for sale.

Intergovernmental Conveyance										
Tract	Acres	County	Parcel Number(s)	Terms	Status	Acquired Date	Funding	Lands Committee Date	Board Date	Agency
Falmouth Spring Park Suwannee Spring Park	9.28 14.34	Suwannee	32-01S-12E-097640 17-01S-14E-017510	Under negotiations.	Land Committee authorized negotiations. Ongoing.	March 1993 August 1992 July 2022	P-2000 Save Our Rivers Springs Funding	04.08.2025	--	Suwannee County
203 rd Road and Boat Ramp within the Telford Spring Tract	7.8	Suwannee	25-04S-11E-120630	Conveyed	Conveyed to Suwannee County.	July 2022	P-2000 Save Our Rivers Springs Funding	09.22.2025	10.14.2025	Suwannee County
Ellaville Tract (Portion of)	696	Madison	15-1S-11-1529-000-000 22-1S-11-1551-000-000	--	Board approved to investigate options for conveyance.	December 01, 1988	Water Management Land Trust Funds	--	Pending	Unknown

Detailed Assessment								
Project Name	Acres	County	Submittal Date	Asking Price	Acquisition Type	Lands Committee Date	Governing Board Date	Comments
1. Ippolitio	514	Dixie	07.2025	\$2,500 per acre	CE	09.22.2025	10.14.2025	Landowner decreased acreage. District denied request.
2. Bascom Southern	52,121	Dixie	07.2025	\$260,605 or 0.5% of Total: \$52,121,000	CE	09.22.2025	10.14.2025	Ranked #2.
3. Green	451	Columbia	07.2025	\$1,600 per acre	CE	09.22.2025	10.14.2025	Ranked #3.
4. Hodges	753	Levy	03.2023	\$3,000 per acre	Conservation Easement	05.09.23	06.13.23	Project pending funding.
5. Williams Family Investments, LLC (Long Pond)	947	Levy	06.2023	\$4,000 per acre	Conservation Easement	09.25.23	10.10.23	Project pending funding.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Steven Carpenter, Senior Natural Resource Specialist

THRU: Lorna, Radcliff, Chief, Office of Land Management
Katelyn Potter, Director, Division of Outreach and Operations

DATE: October 15, 2025

RE: Otter Creek Conservation Easement Amendment, Levy County

RECOMMENDATION

Approve a third amendment to the Otter Creek Conservation Easement with Manulife Investment Management Forest Management in Levy County.

BACKGROUND

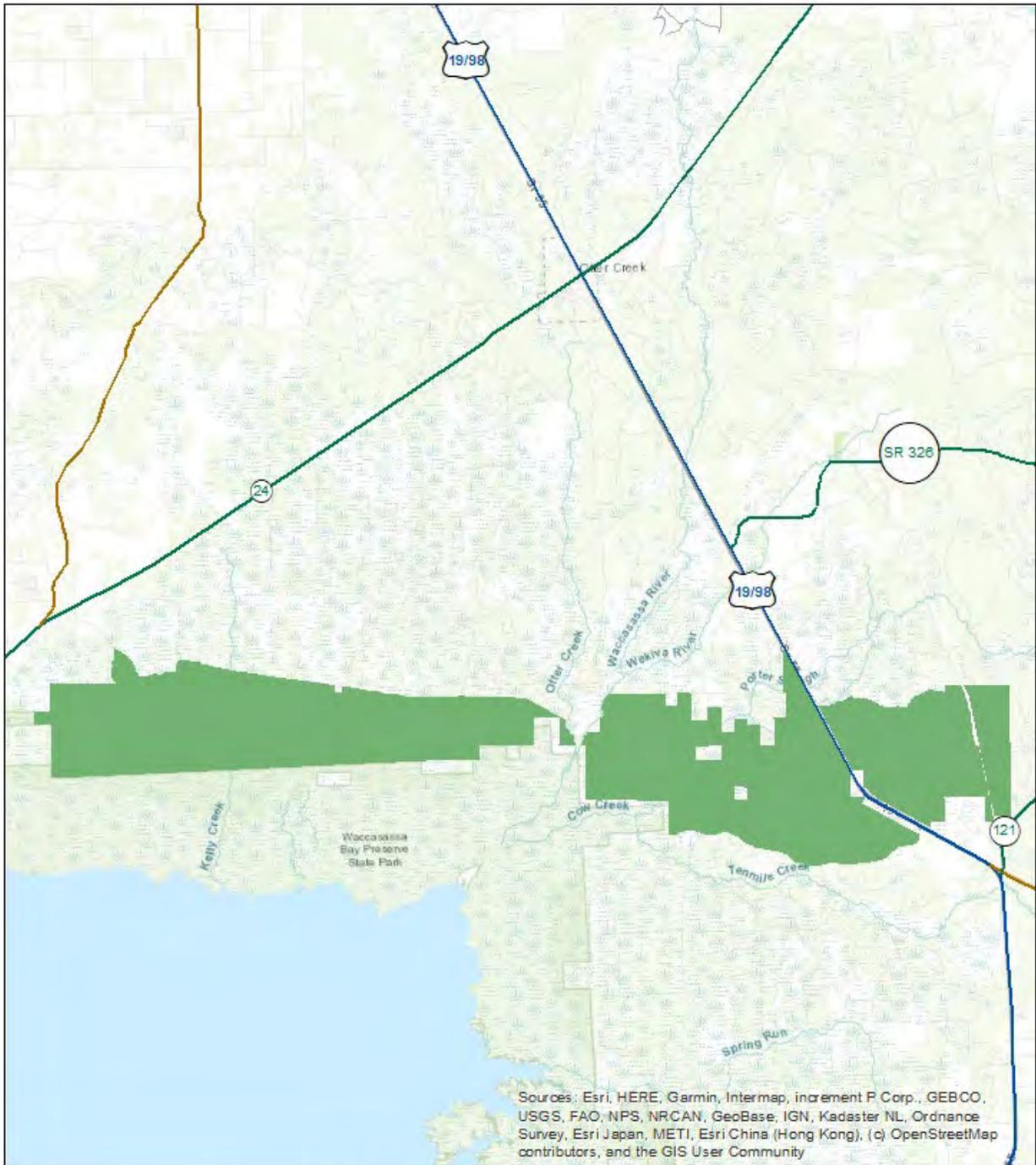
On December 15, 2000, the District acquired a conservation easement over the Otter Creek property in Levy County. The parties subsequently amended the conservation easement on August 28, 2013, and on May 14, 2015. In July 2025, the Grantor, Manulife Investment Management Forest Management (Manulife), requested that the District clarify the terms to specifically allow a Gopher Tortoise mitigation recipient site. Additionally, Manulife requested allowance for apiary leases, which were previously determined by staff to be a prohibited use.

After continued discussions, Manulife has requested a mutually beneficial amendment to expressly allow for plant and animal species mitigation activities, apiary leases, pine straw raking, stream mitigation activities, wetland and carbon mitigation banks, and generation of biodiversity credits. These activities are not specifically listed in the terms and compliance is at the discretion of District staff.

Governing Board Directive 20-0005 (Directive) requires a mutually beneficial amendment to result in an equal or net increase in conservation values. Enrolling the property into a perpetual Gopher Tortoise mitigation recipient site will greatly increase the conservation value compared to the current industrial forest management activities. Allowing apiary leases and the clarification of the additional terms should have little to no impact on the conservation values.

Staff determined the amendment will result in a net increase in conservation value and has met the requirements of the Directive. Manulife has reimbursed the District for all costs incurred in processing the amendment. Pursuant to the Directive, the Executive Director may bypass the Lands Committee and have mutually beneficial amendments placed on the Governing Board meeting agenda for consideration.

SC/ao



Otter Creek Conservation Easement

■ Otter Creek CE



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001.
Map Created on 10/9/2025.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Katelyn Potter, Director, Division of Outreach and Operations
THRU: Hugh Thomas, Executive Director
DATE: October 22, 2025
RE: Corrective Deed for Boggess – Woods Ferry Surplus, Suwannee County

RECOMMENDATION

Authorize a corrective deed to a private entity pursuant to Section 373.089, Florida Statutes.

BACKGROUND

In September 2012, the Governing Board approved Resolution 2012-26 which approved a sale of real property between the District and Anthony Boggess for 29 +/- acres in Suwannee County.

On December 1, 2012, this exchange was closed, and deeds were exchanged. Also, on December 1, 2012, the deed from the District to Anthony Boggess was recorded at O.R. Book 1725, Page 030.

On October 21, 2025, the District was notified that the legal description contained a minor error, and a corrective deed was needed. The original deed incorrectly labeled a call as 416.15 feet. The correct call should be 451.15 feet. The surveyor's map is correct but the number in the legal description on the deed is not correct. The new survey shows the correct legal description.

This missed call is included in the map associated with Resolution 2012-26. Therefore, it seems that the missed call should have been included in the deed.

Staff request the Board approved the corrective deed between the District and Anthony Boggess for 29 +/- acres in Suwannee County.

KP/ao

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
 FROM: Lorna Radcliff, Chief, Office of Land Management
 THRU: Katelyn Potter, Director, Outreach and Operations
 DATE: October 23, 2025
 RE: Land Management Update Report

BACKGROUND

The following information summarizes land management activities cumulative as of September 30, 2025.

Natural Communities Management

The following tables represent activities that support overall natural community restoration and management across District lands.

Vegetative Management (acres)	FY 2025 Planned	Reporting Period Completed	Percent Complete
Herbicide Treatments	117	117	100.0%
Mechanical Treatments	3,214	3,778	117.0%
Mallory Swamp Mechanical Treatments	894	149	16.6%*
<i>*Conditions were too wet in Mallory Swamp in the early part of FY2025 to successfully conduct this work. Because of these conditions, grant funds were used on other tracts where conditions were drier.</i>			

Prescribed Fire (acres)	FY 2025 Planned	Reporting Period Completed	Percent Complete
SRWMD	10,650	7,643	71.7%
FFS - Twin Rivers State Forest	700	248	35.4%*
<i>*FFS burning not completed due to fallen hurricane debris and concern for fire intensity.</i>			

Invasive Plant Treatments	FY 2025 Planned	Reporting Period Completed	Percent Complete
Edwards Bottomland (acres)	7.11	7.11	100%
Contractors (acres)	145.83	145.83	100%

Ecological Services Monitoring	FY 2025 Planned	Reporting Period Completed	Percent Complete
Rare Plants Monitoring (acres)	2,269	2,269	100%
Wading Bird Rookeries (sites)	13	13	100%
Natural Community Mapping (acres)	313	313	100%
Gopher Tortoise Surveys (acres)	159	110	69%*
<i>*Staff time refocused on non-core acreage identification project in preparation for upcoming timber harvests.</i>			

Timber Harvests	FY 2025 Planned	Reporting Period Completed	Percent Complete
Acreage Sold	1,764	3,161	179%
Revenue (estimated)	\$1,064,000	\$1,700,548	159%

Reforestation	FY 2025 Planned	Reporting Period Completed	Percent Complete
Reforestation (acres)	293	293	100%

Land Management

The following tables represent tract and land management activities on the District's fee and less-than-fee owned properties.

Conservation Easements	FY 2025 Planned	Reporting Period Completed	Percent Complete
Monitor Current Easements	12	10	83%*
<i>*Two landowners were unable to be reached in FY2025. Contact has been made, and staff will complete the easements by the end of December 2025.</i>			

Hydrologic & Road Maintenance	FY 2025 Planned	Reporting Period Completed	Percent Complete
Culvert Replacements	9	14	156%
Road maintenance (miles)	144	130	90%

Tract Maintenance	FY 2025 Planned	Reporting Period Completed	Percent Complete
Mowing (total miles)	1,710	1262	74%*
Site Maintenance (total visits)	2568	2516	98%
Enhanced Patrols (hours)	800	856	107%
Sign Replacements	51	26	51%**
Boundary Line Painting (miles)	115.4	41	35%***
<i>*Hurricane damage greatly impacted the first couple mowing cycles. **Signs ordered and received. Facility repairs at public use sites have reduced the time and manpower to install all signs this year. Priority project at beginning of FY26. ***Boundary line marking contractor failed to perform to contract due to personal hardships. Closeout rating will reflect performance.</i>			

Special Projects

The following information provides a status update on special projects within the Office of Land Management.

Mount Gilead Tract: EUTAW, Inc. provided an estimate for design to update and fortify the boat ramp. Project is on hold pending hurricane repairs at other sites.

Starke Bypass Mitigation Area: Site monitoring work conducted by FDOT is expected to be completed by the end of October 2025.

Telford Spring: The parking area guardrail will be installed, completing the parking area, by December 31, 2025.

Suwannee Springs Park: All repairs completed.

Falmouth Springs Park: Design is complete. Reconstruction of access is pending funding.

Owen Springs Tract: All repairs completed.

Steinhatchee Falls Park: Design is complete. Renovation of the boat ramp is pending funding.

Blue Sink Canoe Launch: Concrete pathway and side wall stabilization was completed on September 15, 2025.

Atsena Otie Key: USFWS has determined that repair of the boardwalk and kiosk will be completed. They are internally planning these repairs during FY25-26.

Lukens Kayak Launch: Site remains closed due to hurricane damage.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Katelyn Potter, Director, Division of Outreach and Operations
THRU: Hugh Thomas, Executive Director
DATE: October 15, 2025
RE: Governing Board Directive Number 25-0008, Permissive Use Agreement Guidelines

RECOMMENDATION

Approve Governing Board Directive Number 25-0008, Permissive Use Agreement Guidelines.

BACKGROUND

The purpose of this Directive is to outline the process for administering permissive use agreements between the District and landowners to carry out the goals of the District's mission.

The District partners with willing landowners through a permissive use agreement to allow the District and its agents to utilize non-District property to carry out the core missions of the District. Use of non-District property may include, but is not limited to, hydrologic and water quality monitoring, access to District lands, temporary sampling, etc.

Permissive use agreements are non-binding and utilized for specific, limited purposes. These agreements do not convey any interest in real property and may be revoked at any time by either party. The agreements do not include compensation, and the District is responsible for maintaining the condition of the property to its original state.

This is the first permissive use agreement directive, and it will become effective immediately. Permissive Use Agreements may be executed by the Executive Director or designee. All agreements shall be mapped and archived in the District files.

A clean copy of the directive is attached.

KCP/ao
Attachments

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD DIRECTIVE



Directive Number: GBD25-0008
Date Approved: November 12, 2025
Directive Title: Permissive Use Agreements
Approvals:

Virginia Johns, Chair

Charles Keith Secretary/Treasurer

1.0 Reference to Prior Policy

None.

2.0 Purpose and Intent

The purpose of this Directive is to outline the process for administering permissive use agreements between the District and landowners to carry out the goals of the District's mission.

3.0 Definitions

None.

4.0 Elements of Policy

The District partners with willing landowners through a permissive use agreement to allow the District and its agents to utilize non-District property to carry out the core missions of the District. Use of non-District property may include, but is not limited to, hydrologic and water quality monitoring, access to District lands, temporary sampling, etc.

Permissive use agreements include the following:

- Are non-binding and utilized for specific, limited purposes;
- Do not convey any interest in real property;
- May be revoked at any time by either party;
- Must be signed by both parties;
- Include a map of access route or agreed-upon area;
- Do not include compensation; and
- Must be for a District purpose.

The District is responsible for maintaining the condition of the property in its original state or as otherwise agreed upon.

Permissive Use Agreements may be executed by the Executive Director or designee. All agreements shall be mapped and archived in the District files.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Amy Brown, Deputy Executive Director, Water Resources

THRU: Hugh Thomas, Executive Director

DATE: October 30, 2025

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

RECOMMENDATION

District staff recommend the following Lower Santa Fe and Ichetucknee Rivers related actions:

- 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 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, 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 Suwannee River Water Management District (District) and the St. Johns River Water Management District (SJRWMD) 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 SJRWMD jointly approved the first North Florida Regional Water Supply Plan (NFRWSP) in Northeast Florida. The NFRWSP area includes 14 counties in the District and SJRWMD: 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 at each District's Governing Board meetings (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. As set forth in subsection 373.805(1), F.S., when an MFL for an OFS is adopted or amended, a prevention or recovery strategy must be adopted concurrently if the spring flows are below, or are projected to fall below, the applicable MFLs within a 20-year planning horizon. When that MFL prevention or recovery strategy is adopted, the District's regional water supply plan must be concurrently amended to include the MFL strategy, pursuant to 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 SJRWMD will adopt the project component of the MFL recovery strategy (the 2025 Implementation Strategy). On November 13, 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 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 Addendum to 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.

ED/ak
Attachments

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



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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.

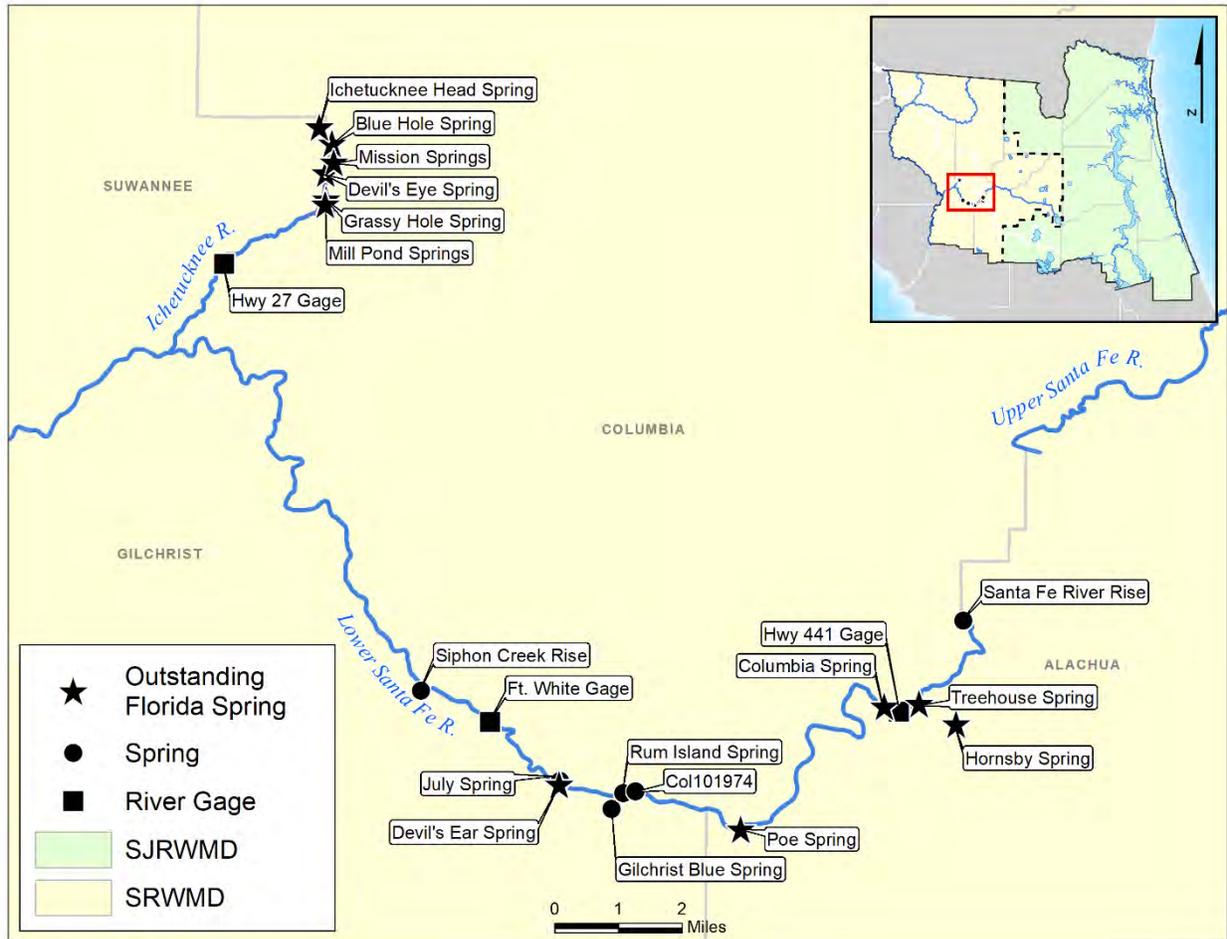


Figure 1. Santa Fe and Ichetucknee Rivers and Priority Springs

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).

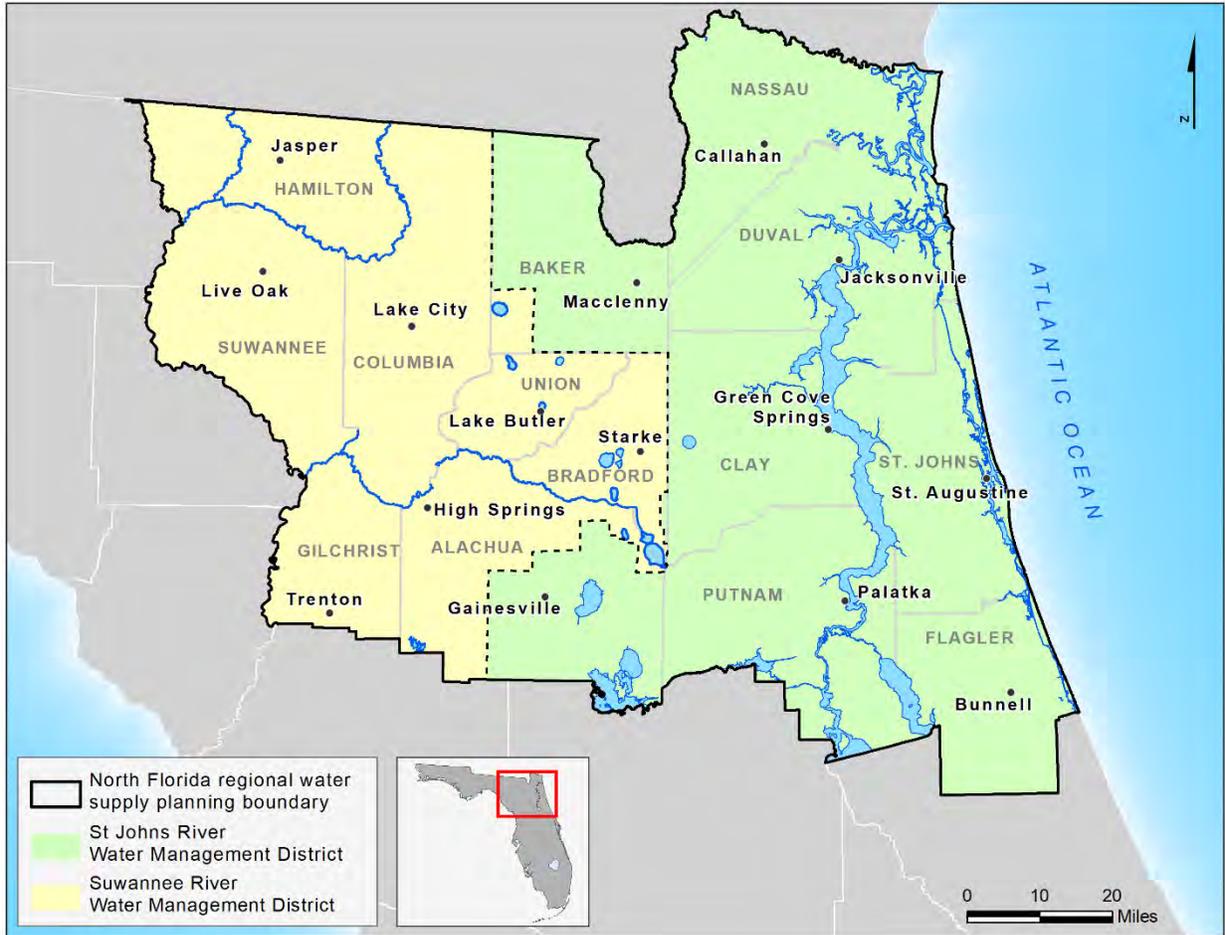


Figure 2. North Florida Regional Water Supply Partnership area

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

¹RTF – 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 StarSM (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

¹A= 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 B2. 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 (LAMP). 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

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_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
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 approximately 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 facilitate 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 mgd 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	Planning	2026	0.24	NA	\$2.90	\$0.026	\$1.11

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)
							being distributed into the reclaimed system.							
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
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	NA	\$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 B3. 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 Recharge 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 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 WRCA's.	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 WRCA's.	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

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

November 12, 2025



**Recovery Strategy: Lower Santa Fe River Basin
Lower Santa Fe and Ichetucknee Rivers and Priority Springs
Minimum Flows and Levels
First Addendum
November 12, 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 StarSM (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 (LAMP). 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

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_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
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 approximately 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 facilitate 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 mgd 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	Planning	2026	0.24	NA	\$2.90	\$0.026	\$1.11

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)
							being distributed into the reclaimed system.							
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
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	NA	\$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 Recharge 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 WRCA's.	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 WRCA's.	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

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

November 12, 2025



2023 North Florida Regional Water Supply Plan

First Addendum

November 12, 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 StarSM (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 (LAMP). 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

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_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
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 approximately 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 facilitate 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 mgd 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	Planning	2026	0.24	NA	\$2.90	\$0.026	\$1.11

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)
							being distributed into the reclaimed system.							
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
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	NA	\$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 Recharge 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 WRCA's.	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 WRCA's.	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