# 2025 CONSOLIDATED ANNUAL REPORT


Suwannee River Water Management District

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## Project Team

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| Section Two: Minimum Flows and Minimum Water Levels Priority List | Sean King |
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| Section Five: Five-Year Water Resource Development Work Program | Emily Ducker |
| Section Six: Waterbody Grades | Kristine Eskelin |
| Section Seven: Florida Forever Work Plan | Troy Roberts |
| Section Eight: Mitigation Donation Annual Report | Warren Zwanka |

## For More Information

For further information regarding this report, contact the Office of Communications and Organizational Development at 386.362.1001 or srwmdcommunications@srwmd.org. This report is also available on the District's website at: http://www.MySuwanneeRiver.com/.

## ADA Statement

Americans with Disabilities Act: The District does not discriminate upon the basis of any individual's disability status. This nondiscrimination policy involves every aspect of the District's functions including one's access to, participation, employment, or treatment in its programs or activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act should contact the District at 386.362.1001 or 800.226.1066 (Florida only). The District's fax number is 386.362.105


# 2025-2029 Strategic Plan

Suwannee River Water Management District

# Introduction

The Suwannee River Water Management District (District), in accordance with section 373.036(2)(e)(4), Florida Statutes (F. S.), submits an annual strategic plan in lieu of the District Water Management Plan. The strategic plan outlines strategic priorities, goals, strategies, success indicators, funding sources, deliverables, and milestones for District functions. The plan casts a five-year outlook for the strategic priorities of water quality, water supply, flood protection, natural systems, and mission support.

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## Governing Board Members

Virginia H. Johns, Chair

Richard Schwab, Vice Chair

Charles Keith, Secretary/Treasurer

Harry Smith

Larry Sessions

Larry Thompson

William Lloyd

George Wheeler

### Vision

*Uniting the region in stewardship and awareness using innovative, science-based solutions to protect and restore our water resources.*

### Mission

*To protect and manage water resources using science-based solutions to support natural systems and the needs of the public.*

# Agency Overview

The District is a regional governmental agency responsible for protecting and managing water resources in north-central Florida. The District is one of five water management districts created by the Florida Legislature with the passage of the Water Resources Act in 1972. A governing board consisting of up to nine members, each of whom live in the District, establishes District policies. Governing board members are unpaid volunteers appointed by the Governor and confirmed by the Florida Senate for four-year terms.

While the District is the fifth largest of the five water management districts in geographic area, population served, tax base, and agency staff, it holds many of the most unique and valuable natural resources in Florida. The District encompasses 7,640 square miles in north-central Florida. The District includes all of Columbia, Dixie, Gilchrist, Hamilton, Lafayette, Madison, Suwannee, Taylor and Union counties, and parts of Alachua, Baker, Bradford, Jefferson, Levy and Putnam counties. The District contains over 440 documented springs, including the highest concentration of freshwater springs in Florida, and the highest concentration of first-magnitude springs in the United States. Major rivers in the District include the Suwannee, Santa Fe, Withlacoochee, Aucilla, Alapaha, Ichetucknee, Fenholloway, Steinhatchee, Econfina, Waccasassa, and the Wacissa.

The District is charged by the Legislature with the responsibilities of managing water supply, water quality, flood protection, and natural systems. To meet these responsibilities and its mission, the District has developed goals for the next five years and identified the strategies necessary to accomplish these goals.

## Funding

To carry out the mission and vision of this strategic plan, the District's budget is comprised of several funding sources. With the smallest tax base of the five water management districts, state legislative appropriations and state and federal grants are critical to accomplish our goals and mission. Grants from state and federal agencies, including the Florida Department of Environmental Protection (FDEP), Florida Department of Agriculture and Consumer Services (FDACS), Florida Fish and Wildlife Conservation Commission (FWCC), the Florida Department of Transportation (FDOT), Federal Emergency Management Agency (FEMA), the United State Geological Survey, and the United States Army Corps of Engineers (USACE), support District programs and projects. Strong partnerships with local governments and stakeholders are also key to identifying funding opportunities. The District continues to work with its local, state, and federal partners to leverage the funding necessary to achieve the goals set out in this strategic plan.

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# Water Quality

Water quality refers to the chemical, physical, and biological characteristics of water. Data shows persistent elevated nutrient levels, primarily nitrate, in rivers and springs throughout the District. Nitrate, in some instances, is the limiting nutrient that can cause imbalances in the ecosystem and impact the health of springs, rivers, and estuaries. Increased nutrient loads not only adversely impact the ecological health of rivers and springs but also the health of Gulf estuaries downstream.

To assist the FDEP in achieving Total Maximum Daily Load (TMDL) targets, the District partners with state agencies, local governments, landowners, and other stakeholders to implement projects to reduce nutrient loading, including implementing agricultural best management practices (BMPs), stormwater treatment, and erosion control and bank restoration. The District actively monitors nitrate concentrations throughout the District in both groundwater and surface water.

## GOAL 1 - Support the Reduction of Nitrate Levels

### Strategies

1. Implement the District water quality monitoring network to include routine and strategic sampling.
2. Develop project monitoring strategies to more accurately estimate or measure benefits.
3. Implement projects to assist in meeting BMAP nitrate load reduction targets.
4. Ensure permit and authorized projects meet statewide water quality criteria for erosion and sediment control.

## GOAL 2- Protect Groundwater

### Strategies

1. Coordinate permit reviews and projects with FDEP for aquifer recharge.
2. Collect and maintain high quality biologic and water quality data.
3. Inspect construction of wells for compliance with construction standards.

## Success Indicators and Milestones for Water Quality

The District will measure progress towards the completion of individual and programmatic tasks contained within the aforementioned goals and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks and strategies. In addition, success will be measured by the percentage of Outstanding Florida Springs that meet the state numeric nutrient criteria and the pounds of nitrate reduced by projects receiving District cost-share.

# Water Supply

The District is responsible for managing water resources to ensure there is an adequate supply to satisfy all existing and projected reasonable and beneficial uses while sustaining water resources and protecting natural systems. In the District, over 90 percent of the water supply demands are met with fresh groundwater, virtually all from the Upper Floridan aquifer system. This region's ability to continue to grow and develop is therefore dependent on sustainably managing a growing demand for groundwater. Coordinated water use permitting, water resource planning, and water resource development projects are key to protecting and managing fresh groundwater supply.

## GOAL - Sustainably Manage District Water Resources

### Strategies

1. Identify water resource development projects to meet the prevention and recovery needs of established MFLs.
2. Update regional water supply assessments and plans.
3. Identify and implement feasibility and design studies necessary to evaluate projects.
4. Implement proven innovations and conservation for sustainable agriculture.
5. Maximize alternative water supply and reuse benefits in permitting and projects.
6. Prioritize efforts to achieve 10% or less unaccounted-for water losses for all public supply systems.
7. Engage with public utilities and other stakeholders regarding long-range and regional water supply planning.

## Success Indicators and Milestones for Water Supply

The District will measure progress towards the completion of individual and programmatic tasks contained within the aforementioned goals and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks and strategies. In addition, success will be measured by the amount of estimated water supply demand that can be met with projects identified in District water supply plans; and the year-to-year percentage of impact from groundwater use within the District on the aquifer.

# Flood Protection

The District utilizes stakeholder engagement, agency partnerships, outreach, and permitting to share flood protection information and help reduce flooding impacts in the Suwannee River Valley. The District works with state and local governments to implement regional and local flood protection and flood control projects. The District also partners with Federal Emergency Management Agency (FEMA) to update floodplain maps to help the public make informed decisions that reduce risk to life and property. Further, the District is the primary source of current flooding information for other agencies and the public, including real-time river levels and rainfall amounts, so that people can make well-informed decisions about flood protection and property at risk.

## Goal One- Reduce and Mitigate Flooding Risks

### Strategies

1. Prioritize naturally occurring recharge by increasing water storage through hydrologic restoration.
2. Support the development of floodplain mapping through community outreach.
3. Identify unmet flood protection needs and projects of local governments.
4. Increase public and stakeholder awareness of flood protection data, tools, permit requirements, and flood risk.

## Goal Two – Prepare Communities for Sea Level Rise Impacts

### Strategies

1. Support vulnerability and risk assessment studies for coastal communities threatened by sea level rise (SLR).
2. Identify strategic District conservation easement and land acquisition opportunities.
3. Incorporate SLR impacts in Water Supply Plans and coastal MFLs.
4. Support interdistrict coordination efforts to address SLR.

## Success Indicators and Milestones for Flood Control

The District will measure progress towards the completion of individual and programmatic tasks contained within the aforementioned goals and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks and strategies. In addition, success will be measured by the percent of acreage of riverine floodplain under protection; funding of at least one flood control project each year; the acres of hydrologic restoration implemented and maintained, recharge benefits; the number of compliance cases addressed, and trainings provided.

# Natural Systems

District projects, regulations, and land acquisition and management activities protect and restore the overall health of the ecological system. The District establishes minimum flows and minimum water levels (MFLs) for priority rivers, springs, and lakes to ensure there is an adequate supply of water to support natural systems. Through land acquisition and conservation easements, the District protects wetlands, floodplains, lakes, rivers, estuaries, and related resources. Land management strategies include prescribed fire to restore and enhance habitat and natural communities and, where appropriate, the promotion of sustainable forestry activities. ERP evaluations consider avoidance and minimization of impacts to wetlands and other natural systems.

## Goal One -Establish Minimum Flows and Minimum Water Levels for Priority Water Bodies

### Strategies

1. Implement the approved MFL priority list.
2. Conduct scheduled MFL water body status assessments.
3. Maintain the District monitoring network to establish/assess MFLs.
4. Evaluate and improve MFL methods and metrics for the evaluation of water resource values.
5. Develop recovery and prevention strategies as necessary to protect natural systems.

## Goal Two- Steward District Lands to Balance the Needs of Natural Resources and People

### Strategies

1. Manage District lands to achieve the highest natural resource value possible, leading the region in the quality of public lands.
2. Generate sustainable revenue streams while maximizing conservation efforts.
3. Implement and support the District Land Management Plan.
4. Develop operations and maintenance plans for District lands and projects to support the District's core missions.

## Success Indicators and Milestones for Natural Systems

The District will measure progress towards the completion of individual and programmatic tasks contained within the aforementioned goals and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks and strategies. In addition, success will be measured by the completion of MFLs for all remaining priority water bodies per the District schedule; and the quantity of water (MGD) achieved from conservation and water resource development projects under contract with the District. The success of the District's land acquisition and management goals and strategies will be determined by the number of acres acquired and disposed of; the number of acres acquired by the District that enhance aquifer recharge or flood protection; the number of acres of restored hydrology; and the number of acres of prescribed fire and invasive plant treatment.

# Mission Support

Investing in and empowering District employees is critical to achieving the goals set out in this strategic plan. By combining employee development with operation efficiency improvements, helps to ensure staff have the tools and guidance to achieve District goals while streamlining workflows and retaining institutional knowledge.

## Goal One - Reduce Risks Through the Management of Information and Data

### Strategies

1. Collect and manage high-quality data to allow for data-driven, science-based decision making in water resource projects, flood hazard information, and water resource protection.
2. Reduce paper and place-bound information access by maximizing technological efficiencies, cloud-based file storage.
3. Maximize automated and linked systems to share and update information, reducing manual uploads and maintenance, thereby improving efficiency and reducing error.

## Goal Two - Maintain Institutional Knowledge

### Strategies

1. Document programmatic processes, identifying and addressing gaps and opportunities for improvement.
2. Retain employees through succession planning, mentoring, and professional development initiatives.

## Goal Three - Strengthen Stakeholder Relationships and Partnerships

### Strategies

1. Enhance confidence in the District through factual, transparent, and consistent engagements with internal and external stakeholders.
2. Increase public awareness of District core missions.

## Success Indicators and Milestones for Mission Support

The District will measure progress towards the completion of individual and programmatic tasks contained within the aforementioned goals and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks and strategies. In addition, success will be measured by the number of professional certifications, graduate degrees, and leaderships positions within professional organizations held by its staff; the District's administrative overhead; the percentage of the District's budget utilized for projects that benefit water quality and water quantity; the percentage of the District's budget that is recurring but not funded with recurring revenues; and the percentage of facility repairs identified in the last 10-year facility inspection report that have been addressed.

# Critical Wetlands Inventory Analysis

On April 27, 2022, Senate Bill 882 was signed into law which requires water management districts to include a critical wetlands inventory analysis list (CWIA) in its strategic plan. The list must be approved by the Governing Board and consider a list of criteria outlined in 373.036, Florida Statutes. Additionally, prior to inclusion on the list, landowners must be notified and given the option to be removed from the list.

*Each governing board, in cooperation with local governments, shall develop a list of critical wetlands to be acquired using funds from the Land Acquisition Trust Fund.*

- *The governing boards shall consider all of the following criteria in designating a wetland for inclusion on the list:*
- *The ecological value of the wetland, as determined by the physical and biological components of the environmental system.*
- *The effect of the wetland on water quality and flood mitigation.*
- *The ecosystem restoration value of the wetland.*
- *The inherent susceptibility of the wetland to development due to its geographical location or natural aesthetics*

*Before adopting or amending its list of critical wetlands, each governing board must notify the owner of any property that the district contemplates including on the list. At any time, an owner who wishes to have his or her property removed from the list must submit by certified mail to the district a letter requesting such removal. The letter must indicate that the owner wishes for his or her property to be removed from the list and must sufficiently identify such property to the governing board. The governing board shall approve a removal request that meets the requirements of this subparagraph at its next regularly scheduled meeting.*

The District does not plan to seek funding for critical wetlands from the Land Acquisition Trust Fund in Fiscal Year 2025 and therefore, did not include a list of critical wetlands in the FY 2025 Strategic Plan. Further, staff are updating the District's 5-year land acquisition workplan in FY2025 and plan to prioritize wetland properties from that list to be included in the FY2026 strategic plan.


# 2024 Annual Update

## Suwannee River Water Management District

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# ADA Statement

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# Introduction

The Suwannee River Water Management District (District), in accordance with paragraph 373.036(2)(e), Florida Statutes (F.S.), submits an annual strategic plan and annual work plan report in lieu of the District Water Management Plan. The annual work plan report describes the implementation of the strategic plan for the previous fiscal year.

The strategic priorities and goals set by the strategic plan evaluated in this report, covering Fiscal Year 2024-2025 (FY 2024), are provided below. This report describes District efforts over the past fiscal year to achieve these goals.

## Flood Protection

- Reduce and mitigate the risk of flooding
- Encourage non-structural floodplain management approaches

## Natural Systems

- Establish minimum flows and minimum water levels for priority water bodies
- Steward District lands to balance the needs of natural resources and people
- Preserve and protect water resources
- Optimize public use of District lands

## Water Quality

- Reduce nitrate levels to achieve water quality criteria

## Water Supply

- Sustainably manage District water resources

## Mission Support

- Reduce risks through the management of information and data
- Maintain institutional knowledge
- Strengthen stakeholder relationships and District partnerships

# Flood Protection

## Success Indicators and Milestones for Flood Control

The District will measure progress toward the completion of individual tasks contained within the goals and strategies discussed in the Strategic Plan by tracking the completion of the planning, funding, construction, or implementation phases of the tasks. In addition, success will be measured by the percentage of riverine floodplain under protection; whether the District's cost-share programs have funded at least one flood control project each year; funding opportunities identified for local governmental surface water management projects; the acres of hydrologic restoration planned, implemented and maintained, as well as the associated recharge benefits; and the number of compliance cases addressed, and trainings provided.

### Environmental Projects

The District funded five Flood Protection Projects in FY2024.

1. Cross City Flood Management
2. Holly Hills Stormwater Improvement
3. Taylor County Groundwater Study
4. Withlacoochee Groundwater Study
5. Turner Road Modeling

The District completed the Starke Bradford County Master Plan in FY2024:

1. The District has ongoing flood protection and surface water management projects, including Gilchrist NE 2nd Way Park, State Route 247 Regional Pond, and SE Old County Camp Road.

### Land Management and Operations

There are 2,739,494 acres within the 100-year floodplain in the District. The District currently has 8.4% (230,799 acres) of the total acreage under ownership or conservation easement.

### Water Resources

The District continues use of its Current River and Lake Levels webpage to maintain flood warning awareness. It is one of the most visited locations on the District webpage. The highest visitation was during the month of August, and the day with the highest numbers of views was August 6, 2024, with 1,736 visits to the site.

### Environmental Resource Permitting & FEMA

In FY 2024, there were 244 ERPs and Works of the District permits issued of which 218, or approximately 89%, were within the 100-year floodplain.

New FEMA flood risk maps have been evaluated for the Santa Fe River Basin.

# Natural Systems

## Success Indicators and Milestones for Natural Systems

The District will measure progress toward the completion of individual tasks contained in the Strategic Plan and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks. In addition, success will be measured by the completion of MFLs for all remaining priority water bodies per the District schedule, and the quantity of water achieved from conservation and water resource development projects under contract with the District. The success of the District's land acquisition and management goals and strategies will be determined by the number of acres acquired and disposed of; the number of acres that protect Outstanding Florida Springs and Priority Focus Areas (PFAs), the number of acreages that protect or improve water quality; the number of acres acquired by the District that enhance aquifer recharge or flood protection; the number of acres of restored hydrology; and the number of acres of prescribed fire and invasive plant treatment.

### Environmental Projects

* Project has multiple benefits and is listed in each applicable area.

The District has four ongoing natural systems restoration projects as of October 2024, including Edwards Bottomlands, Gilchrist NE 2nd Way Park*, Starke Bypass Wetland Mitigation, Graham Farm Conservation Easement*.

### Minimum Flows and Minimum Water Levels

As of November 2023, 326.7 riverine miles have an adopted MFL. Tributaries of major rivers not mentioned in a rule are not included in the total mileage. In addition, 43 springs and three lakes are protected by MFLs.

The District completed MFL rule adoption for Santa Fe and Hampton lakes.

The District also completed the peer review process for the Upper and Middle Suwannee River draft MFL evaluations and is currently responding to comments and revising the MFL technical work accordingly. DEP, at the request of the District's Governing Board, agreed to adopt the Upper and Middle Suwannee River and Priority spring MFLs.

The District continues to work on developing MFLs for all remaining priority water bodies per the District schedule.

The District advanced updates for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs recovery strategy in coordination with DEP and the St. Johns River Water Management District (SJRWMD).

### Land Management and Operations

#### Natural Communities

In FY 2024, the District completed 12 timber sales totaling 1,532 acres and generated $1,504,701.44 in revenue.

Final harvests of offsite pine species were conducted on 439 acres. Hurricane Idalia salvage final harvests were completed on 252 acres. These sites will be reforested with longleaf pines. Final harvest for mining preparation was completed on 128 acres on our Camp Blanding tracts.

These sites will be reforested with longleaf pines.

Pine thinning and/or hardwood chipping was conducted on 713 acres to improve forest health and groundcover conditions. Additionally, this will allow the introduction of prescribed fire to work towards the natural community restoration goals.

Forest inventory data was collected on 148 plots by District staff. The data from these plots is used to quantify the acres that have achieved their natural community goals, provides data for areas that could be or have been improved by silvicultural activities, and identifies volumes and other tree species data for restoration project planning.

In FY 2024, the District reforested 312 acres with containerized and bareroot longleaf pine (*Pinus palustris*). The longleaf pine was planted on the Lake Butler Wellfield, Cuba Bay, High Springs Wellfield, and Nature Coast Wellfield tracts.

The District received $270,427 in grants from various organizations and collaborators. The funds were primarily used to improve or restore upland pine habitat.

In FY 2024, the District had agreements with two non-profits to assist with funding reforestation activities. One of the non-profits provided the District with $46,736 to help fund longleaf pine planting and seedling costs. The other non-profit purchased over 144,000 longleaf pine seedlings that were planted on District lands.

### Prescribed Fire

In FY 2024, prescribed burning was conducted on approximately 10,180 acres of District lands to help meet natural community restoration/management objectives.

### Mechanical Vegetation Control

In FY 2024, approximately 141 acres were roller-chopped, and 2,752 acres were mowed to help facilitate the use of prescribed fire and to help meet natural community restoration/management objectives.

In FY 2024, approximately 156 miles of ditch edges were mechanically treated on Mallory Swamp and Owens Springs Tract. This work was done to increase the width of areas along road edges to provide better fire break capabilities, facilitate the use of prescribed fire and help protect forest resources from the damaging effects of wildfires.

### Chemical Vegetation Control

In FY 2024, approximately 250 acres were treated with herbicide to prepare sites for reforestation, to help meet natural community restoration/management objectives, and to help facilitate the use of prescribed fire.

### Invasive Plant Control

In FY 2024, the data in this program was dramatically overhauled. As a result, the District now has 370 active infestation locations spread out across the District. The polygon size and shapes will consistently be altered from year to year as monitoring events and treatments occur so any acreage noted in this report or subsequent reports will simply be a reflection of a what District staff has determined to be a relative infestation size for the purposes of follow up treatments. For example, some polygons may only represent one or two stems while the treatment area denotes a 10th of an acre due the necessity of spatial awareness for future reviews.

District staff monitored 143 invasive plant infestations (approximately 371 .38 acres) and treated 10 infestations (approximately 10.91 acres) with herbicides. District contractors also treated 13 invasive plant infestations (approximately 106.77 acres).

### Ecological

In FY 2024, The Florida Natural Area Inventory (FNAI) located 74new rare plant occurrence points on the Mount Gilead, Withlacoochee Quail Farms, Osteen, Lasky, and West Ridge Water Ridge Resource Development Area tracts. FNAI also conducted natural community mapping services on approximately 1,150- acres of the Lasky, West Ridge Water Ridge Resource Development Area, Osteen, and Peacock Slough tracts.

In FY 2024, District staff conducted gopher tortoise (*Gopherus polyphemus*) surveys on sixteen tracts throughout the District. This survey work included establishing 558 transects in areas that were most likely to support this species and staff completed the survey work on 330 of those transects in FY 2024. Estimated population densities within these survey areas are still being calculated. District staff also conducted wading bird surveys on five rookeries located on District lands.

### Public Use

The District issued four special use authorizations (SUA) for research on District lands. There were three SUAs issued for underwater cave system mapping, water testing, and research to private non-profit research firms. This research data is shared with the District at no cost. In addition, four SUAs were issued to organizations for large group recreation activities.

A total of 592 SUAs were issued during FY 20234

| Recreation SUA | Temporary Ingress/Egress | Non-Recreational | Goose Pasture Camping | Mallory Swamp ATV Trail |
|---|---|---|---|---|
| 258 | 39 | 17 | 177 | 101 |

Nearly 95% of District fee-titled lands are open to the public for recreation. Lands which are not open to the public include wellfields, spray fields, and water resource development project sites. There are 3,343 acres recently purchased that require improvements before it can be opened to the public.

The District cooperated with Florida Fish and Wildlife Conservation Commission and United States Fish and Wildlife Service to provide public hunting opportunities on approximately 106,146 acres.

The District partnered with Suwannee River Strutters, Jefferson County King of Springs, and Gator Gobblers, all chapters of the National Wildlife Turkey Federation to sponsor women in the outdoors

and youth specialty opportunity hunts. These special opportunity hunts allow additional hunting opportunities on 4,410 acres. Additionally, the 2,030-acre Double Run Creek Tract managed by Camp Blanding is leased for hunting.

Suwannee Bicycle Association sponsored one bicycle event using District lands in the White Springs area and Florida Trail Association held their annual Ididahike on the Florida National Scenic Trail on District Lands.

### Facilities Projects

Approximately 96 miles of road maintenance was completed on the following tracts in FY 2024: Christian, Cypress Creek, Devil's Hammock, Goose Pasture, Holton Creek, Jennings Bluff, Little River, Mallory Swamp, Mattair Springs, Mossy Hammock, Owens Springs, Steinhatchee Falls, Steinhatchee Springs, Swiift Creek, Walker, Withlachoochee, and Woods Ferry Tract.

Hydrological improvement projects were completed on two District tracts (Steinhatchee Springs and Mt. Gilead) resulting in three hydrological repairs or replacements.

Construction was completed on two river access improvement projects on the Mt. Gilead and Cabbage Gove tracts. The two recreation sites located at Mt. Gilead and Cabbage Gove are popular river access points for fishing, swimming, and launching canoes. The planned projects consist of installing concrete steps, constructing soil cement pathways at the Cabbage Gove site, and shaping the grounds at both locations to prevent erosion. The projects are two-fold in purpose. First, reduce riverbank impacts from pedestrian traffic. Second, the newly constructed concrete steps will provide safer river access for the public.

# Water Quality

## Success Indicators and Milestones for Water Quality

The District will measure progress toward the completion of individual tasks contained within the Strategic Plan and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks. In addition, success will be measured by the percentage of Outstanding Florida Springs that meet the state numeric nutrient criteria; the percentage of enrollment for the FDACS BMPs program; and the pounds of nitrate reduced by projects receiving District cost-share.

### Environmental Projects

* Project has multiple benefits and is listed in each applicable area.

The District awarded two water quality projects and one study:

1. Fanning Feasibility Study* - to evaluate a regional approach to wastewater management that will reduce nutrients in priority focus areas and provide beneficial recharge

2. Cross Clty Flood Management Improvements* - design and construct stormwater treatment to improve water quality and reduce flooding.

3. Holly Hills Stormwater Pond Improvements* - to improve water quality and provide additional flood protection.

The District completed two water quality projects in FY 2024.

1. Piedmont Dairy Conversion* – This project converted grazing to free-stall barns to reduce nutrients and water pumping in the Suwannee BMAP.

2. Alachua County TurfSWAP – Nutrient reductions through the replacement of turfgrass with Florida Friendly landscaping.

The District has ongoing water quality projects including, North Florida Mega Industrial Park*, Graham Farm*, Groundwater Recharge Wetlands*,Lancaster Correctional Facility Expansion*, Lake Butler AWT Upgrade, Haines Street Drainage Improvements*, Houston Ave Drainage well*; Live Oak Reuse*, Quail Heights (SR247) Regional Pond*, On-Farm BMP and Nutrient Stewardship Program, Fertigation, Sustainable Suwannee Ag Pilot Program, Dairy Screen Separators*, Sustainable Suwannee Ag Pilot*, Precision Agricultural Practices, Accelerating Suwannee Restoration and Silviculture Management.

### Agricultural Projects

Notably, the District issued 70 new agricultural contracts and continues to manage 79 agricultural contracts in FY 2024 with both water supply and water quality benefits.

The District continues to engage the Suwannee River Partnership, which works to overcome water quality challenges in the Suwannee River Valley by pooling resources with sister agencies and cooperating stakeholder groups who have similar goals for water quality throughout the District.

### Water Resources/Quality

In FY 2024, the District collected and analyzed 907 discrete water quality samples from within its long-term water quality monitoring network, which included 83 groundwater and 149 surface water stations. In addition, the District, in partnership with the United States Geological Survey, maintained and collected data from 11 continuous water quality monitoring stations located in priority springs.

Based upon the most recent data collected, one of the 14 Outstanding Florida Springs located within the District – Poe Springs – has nitrate concentrations within target numeric nutrient criteria established by DEP.

In FY 2024, the District leveraged DEP grant funds to either offset the cost of existing hydrological monitoring with a water quality component, or to expand water quality monitoring in DEP priority focus areas. DEP grant AT018 funded, $226,925 to continue flow and conductivity monitoring at six coastal river stations. In addition, DEP grant MN032 funded $104,255 to collect and analyze groundwater samples from 26 newly constructed wells in the Suwannee River Basin and Wacissa Springs Basin, in support of DEP's Basin Management Action Plans.

# Water Supply

## Success Indicators and Milestones for Water Supply

The District will measure progress toward the completion of individual tasks contained within the Strategic Plan and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks. In addition, success will be measured by the amount of estimated water supply demand that can be met with projects identified in District water supply plans; the year-to-year percentage of impact of groundwater use within the District on the aquifer.

### Environmental Projects

* Project has both water quality and water supply benefits.

The District awarded two projects and initiated studies and internal project planning efforts.

1. Cow Creek Study – to evaluate the watershed for opportunities to capture stormwater and high flow events for beneficial recharge.

2. Brooks Sink Phase 2 – to evaluate additional areas that may contribute to beneficial recharge.

3. Initiated Planning and development of concepts to address strategies for the Lower Santa Fe Ichetucknee Recovery.
4. Brooker Meter Replacement – replacement of existing meters with AMR meters to improve accuracy and detect leaks to conserve water.

5. Oakmont Ph 6 - extension of reclaimed water lines to offset groundwater pumping for irrigation.

The District completed two water supply projects and one study in FY 2024:

1. Deerhaven / Deerhaven Renewables – water-sharing project to reduce groundwater pumping and increase cycle time.

2. Hampton AMR Water Meter installation – replacement of existing meters with AMR meters to accurately measure water use and detect leaks to conserve water.

3. Stream and Santa Fe River Storage pond study – review existing studies to prioritize stormwater management sites for beneficial recharge.

The District has ongoing water supply projects, including Dairy Wastewater Improvements*, Dairy Screen Separators*, Sustainable Suwannee Ag Pilot*, Precision Agricultural Practices*, District Cost-Share, Soil Moisture Probes, Alternative Water Supply Pivot retrofits, Groundwater Recharge Wetland*, University Oaks Ph IV, Live Oak Reuse*, Cooperative Aquifer Recharge, Graham Farm*, North Florida Mega Industrial Park*, Haines St Drainage Improvements*,

The District continues to initiate studies to evaluate water supply storage options and aquifer recharge for the Lower Santa Fe and Ichetucknee Rivers.

### Agricultural Projects

Notably, the District issued 70 new agricultural contracts and continues to manage 79 agricultural contracts in FY 2024 with both water supply and water quality benefits.

### Water Supply Planning

The District continues to secure funding for water resource development projects listed in or supporting the North Florida Regional Water Supply Initiative and NFRWSP. These projects have targeted the Suwannee and Santa Fe basins in this District and Region 1 of SJRWMD.

The District is conducting regional planning to ensure sufficient water supplies through 2045. The regional water supply plans contain updated water use estimates and projected future water demands through 2045, evaluate constraints based on projected growth, and identifies project options to meet future demands while sustaining natural systems. The 2023 NFRWSP was approved by the Governing Boards of the SRWMD and SJRWMD in December 2023. The 2024 Western Water Supply Plan (WWSP) was approved by the District's Governing Board in March 2024.

The District continues to work through the Partnership and with DEP and other water management districts on regional concerns through planning, project implementation, and model implementation.

The District made progress on recalibrating the North Florida Southeast Georgia Regional Groundwater Model in collaboration with the SJRWMD.

### Hydrologic Data Collection

As of October 16, 2024, the District monitored 94.47% of existing active wells with an agricultural water use permit monitoring condition. These wells were monitored either by electric consumption or telemetry. Active wells with a monitoring condition make up ~77% of total agricultural water use allocations in the District (248.7 mgd/~321.4 mgd). The remaining ~23% of agricultural water use allocations will require the addition of a monitoring condition as a permit modification or permit renewal takes place.

As of October 16, 2024, the District is monitoring 1,606 (238.0 MGD) of a total 1,700 active permitted wells (248.7 MGD). The remaining 94 active wells not yet monitored are scheduled for site visits to determine the type of monitoring that will be implemented.

The District offers three options for monitoring: electric provided by the power company, telemetry on diesel systems, and self-reporting. To date, farmer electric agreements from cooperatives are in effect on 1069 (151.7 MGD) monitoring points. The District currently employs telemetry on 424 (51.5 MGD) diesel-powered systems. There are currently 18 (1.4 MGD) self-monitored points.

Additionally, there are currently 433 (33.4 MGD) sites for which monitoring is currently not feasible. Staff visit these sites on a rotation to reevaluate the feasibility of monitoring.

The District monitored 102 surface water sites, 256 groundwater sites, and 46 rain gauges in its monitoring network. Additionally, streamflow was collected at 90 monitoring sites.

# Mission Support

## Success Indicators and Milestones for Mission Support

The District will measure progress toward the completion of individual tasks contained within the Strategic Plan and strategies by tracking the completion of the planning, funding, construction, or implementation phases of the tasks. In addition, success will be measured by the number of professional certifications, graduate degrees, and leaderships positions within professional organizations held by its staff; the District's administrative overhead; the percentage of the District's budget utilized for projects that benefit water quality and water quantity; the percentage of the District's budget that is recurring but not funded with recurring revenues; the percentage of facility repairs identified in the last 10-year facility inspection report that have been addressed; and the number of educational activities and Suwannee River Partnership meetings held in the last year.

### Professional Development

District houses 10 professionally licensed staff and 73 professional certifications.

Collectively, staff hold four associate degrees, 20 undergraduate degrees, 22 graduate degrees, and two doctoral degrees.

One staff is working toward a master's degree, and two staff are working toward a bachelor's degree using the District's tuition reimbursement program. Twenty-eight staff are members of professional development organizations.

District leadership provided three sessions of human resources and supervisory compliance training.

The District provided training on public records recognition, internal control, and fraud prevention and maintains videos on the subject for new employees to view during orientation. Incumbent staff are able to review the video as well to remain informed on the subject.

### Finance

The District's administrative overhead for FY 2024 was 6.13%. The FY 2025 Adopted Budget administrative overhead is 2.94%.

Based on the FY 2024 Adopted Budget, approximately 77.2% of the budget was allocated for water quality, water supply, and natural systems projects.

Assuming appropriations and District revenues remain at current levels, the District's recurring budget is projected to be funded by recurring dollars and fund balance.

### Facilities

In FY 2024, the District completed the removal of aesthetic berms from the open interior portions of the building. This included removal of trees and associated landscaping and removal of the fill dirt and aggregate that formed the berms. The block walls behind the berms were repainted. The new lawn area was grassed and left as open green space.

In FY 2024, the District began renovating the former lab building to become the new field services building. This includes interior renovations to flooring, paint, shelving, cabinetry and air quality abatement. Exteriorly, it includes replacing T1-11 siding with hardy board and painting, new doors and windows, and replacing the shingle roof with a standing seam metal roof. These improvements will be completed early FY 2025.

### IT/GIS

The IT department is in the process of enhancing user account security and control by implementing a Mobile Device Management (MDM) solution, which enables centralized management of applications on district-issued devices, as well as streamlined deployment of app updates and security patches.

The IT department continues to strengthen disaster recovery efforts by maintaining and enhancing the organization's disaster recovery capabilities, ensuring that critical systems and data remain protected and can be restored in the event of an outage or disaster.

The IT Department acquired a new cyber-security software. The software encompasses Artificial Intelligence (AI) powered prevention, detection, response, and threat hunting across user endpoints, containers, cloud workloads, and smart devices. This software significantly enhances user device security.

Completed data structure and imagery mosaics of new aerial imagery data with access for staff. Acquired imagery, set up data structures, created mosaic datasets, and provided access to staff through ArcGIS. Created a single mosaic in compressed format for offsite use.

Continue to provide GIS support to increase land management maintenance efficiency. Also, continue to provide data collection tools, apps, and maps to improve maintenance efficiency of land management properties.

### Communications, Outreach and Customer Service

The District worked on various projects throughout FY 2023-2024. New and notable efforts are listed

below.

The District launched an online SUA website to accommodate special use authorization requests for District lands. All previous requests were completed by staff through phone calls and by hand. This website allows requests to be made 24 hours a day, allowing easier access for the public, and staff are able to approve or deny a request with the click of a button. The website can be found at sua.mysuwanneeriver.com.

The District completed several feature stories that included written stories, photography, and videography components. This trio of stories focused on District use of GIS and its importance in planning, hunting activities on District lands, and water use. During the 2024-2025 fiscal year, these stories will be used online and in advertorials, and the videos will be utilized on social media and YouTube.

The District disseminated 50 press releases in FY 2023-2024, highlighting District activities.

A total of three advertorials were featured in locally produced Family Magazine. These advertorials focused on water quality monitoring, agricultural and environmental projects, and recreation on District lands. These stories were also featured in the Florida Specifier.

For social media, a total of 550 posts were made through Facebook, Instagram, and X. This is highlighted by a total reach on Facebook of more than 477,000, which is nearly a 240 percent increase from the previous year.

Additionally, a series videos that highlight District activities and a :30 second Permit to Protect commercial posted on YouTube were viewed more than 400,000 times, and another 210,000 times on Facebook. The Permit to Protect commercial aired on local television had a reach of nearly 84,000 during a two-month campaign.

Social media remains a primary outreach tool for our communities and engagement. Communications staff look to continue to build off this growth in FY 24-25.

District staff participated in 41 outreach engagements including tours, speaking engagements, outreach meetings, demonstrations, and school activities.

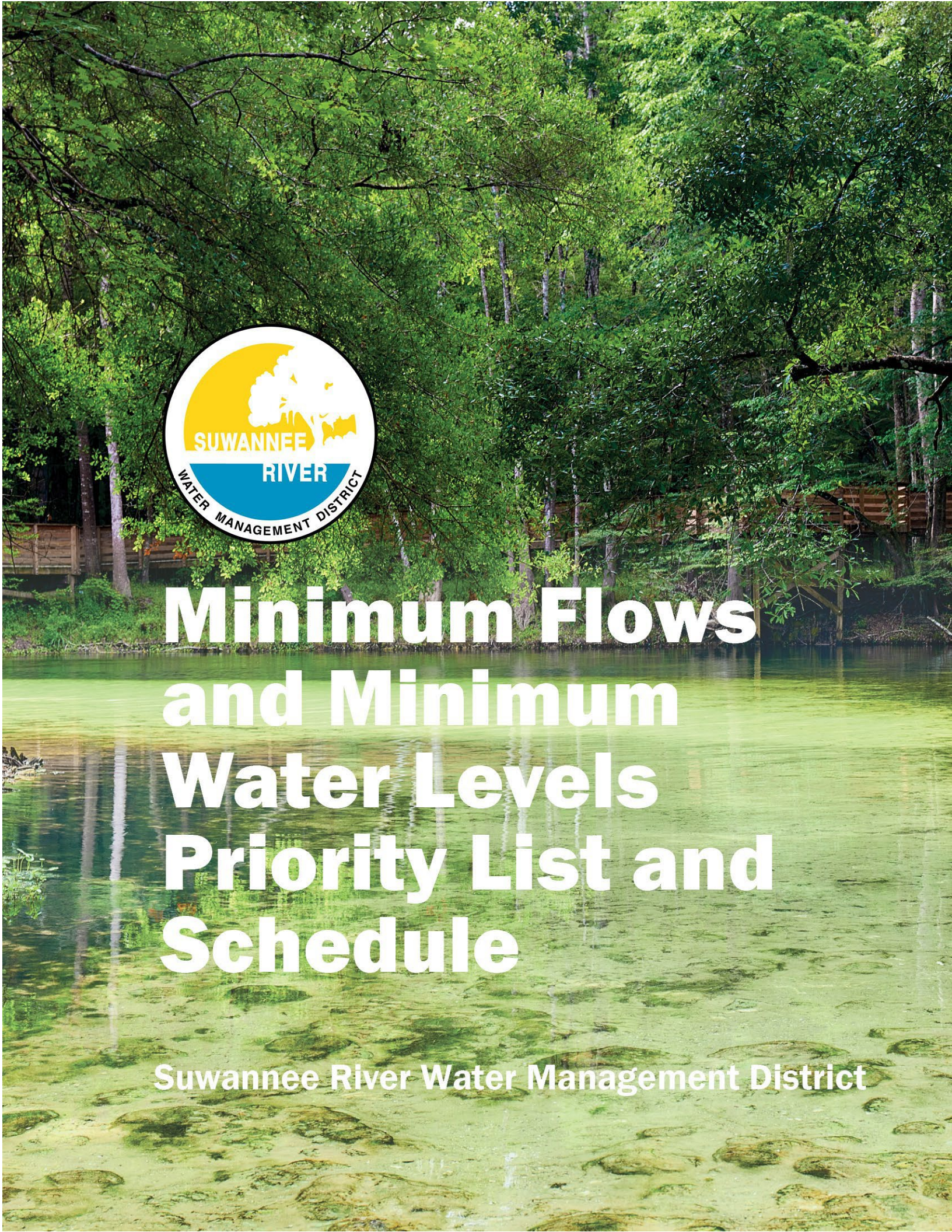
Regulatory staff provided District stakeholders outstanding customer service in the timely issuance of WUPs and ERPs by meeting or exceeding stretch goals for permit process time, applications in house, cost to process permits, and permit-to-staff ratio 90% of the time in FY 2023, while continuing to experience a significant increase in ERP applications.

### Emergency Response

The District issued Emergency Order 2024-05 in response to Hurricane Debby on August 2, 2024, Emergency Order 2024-06 in response to Hurricane Helene on September 23, 2024, and Emergency Order 2024-08 in response to Hurricane Milton on October 7, 2024. All Emergency Orders are still in effect.

### Legislative and Community Affairs

District staff met with county economic development departments, community redevelopment agencies, chambers of commerce, etc. to discuss their role in water conservation and how the District is available to them as a resource. District staff also participated in the Florida legislative session, secured appropriations, and stayed informed on changing and new policy.




# Minimum Flows and Minimum Water Levels Priority List and Schedule

Suwannee River Water Management District

# Minimum Flows and Minimum Water Levels Priority List and Schedule

## FY 2023-2024 Accomplishments

- Lower Santa Fe and Ichetucknee Rivers and Priority Springs MFL Recovery Strategy updates were advanced in coordination with the St Johns River Water Management District (SJRWMD) and the Florida Department of Environmental Protection (FDEP).
- Upper and Middle Suwannee River MFL evaluation updates are in progress to address peer review and public comments.
- Lafayette Blue, Troy, Falmouth, and Peacock springs MFL evaluations are in progress.
- Withlacoochee River and priority springs data collection and modeling are in progress.

Technical work continues for the water bodies in the table below. Technical work includes data collection and analysis activities, MFL evaluations, peer reviews of MFL evaluations, MFL status assessments, and District responses to peer review and stakeholder comments.

*Current progress of MFLs in development:*

| Waterbody Name or System Name | Current Status |
|---|---|
| Lower Santa Fe and Ichetucknee Rivers and Priority Springs | MFL re-evaluation completed;<br>Updated recovery strategy in progress |
| Upper Suwannee River | MFL evaluation peer reviewed;<br>MFL evaluation updates in progress |
| Middle Suwannee River | MFL evaluation peer reviewed;<br>MFL evaluation updates in progress |
| Lafayette Blue, Troy, Falmouth, Lime, Lime Sink Rise, and Suwanacoochee springs | MFL evaluation data collection, data analysis, and modeling in progress |
| Peacock, Bonnet, and Telford springs | Data collection in progress |
| Withlacoochee River, Madison Blue Spring, and Pot Spring | Data collection and modeling in progress |
| Upper Suwannee River priority springs above the Alapaha River confluence | Data collection in progress |

## Changes to the Priority List and Schedule from 2023 to 2024

- Lower Santa Fe and Ichetucknee rivers and priority springs were rescheduled to 2025 to continue updating the recovery strategy in coordination with FDEP and SJRWMD.
- Upper and Middle Suwannee River MFLs were rescheduled to 2025 to continue making revisions to the MFL evaluations in response to peer review and public comments and to allow time for the rule development process in coordination with FDEP and SJRWMD.
- Lafayette Blue, Troy, Falmouth, Lime, Lime Sink Rise, and Suwanacoochee springs MFLs have been rescheduled for 2025 to continue data analyses and reporting for the MFL evaluations and to conduct the peer review process.
- Peacock, Bonnet, and Telford springs MFLs have been rescheduled for 2026 to incorporate additional data collection and analysis into the MFL evaluations.
- Madison Blue Spring has been rescheduled to 2026 to coincide with the Withlacoochee River MFLs and to incorporate additional data collection and analysis into the MFL evaluations.
- Priority springs along the Upper Suwannee River upstream of the Alapaha River confluence have been rescheduled to 2027 to incorporate additional data collection and analysis into the MFL evaluations.
- The remaining priority springs along the Upper and Middle Suwannee River, Waccasassa River, Levy Blue Spring, Withlacoochee River near Pinetta, and Hardee (Rossiter) Spring were rescheduled to after 2027 due to increased focus on the priority waterbodies listed for 2025-2027.
- Outstanding Florida springs along the Santa Fe River, July Spring, Gilchrist Blue Spring, and Santa Fe River Rise were added to the list for re-evaluation after 2027 for more detailed MFL evaluation.
- Owens Spring was added to the priority list because it is second magnitude spring within state owned lands purchased for conservation purposes.
- Cherry Lake was removed from the priority list because District staff determined that there was limited potential for adverse impacts to the lake from regional groundwater withdrawals based on the degree of confinement between the lake and the Upper Floridan aquifer.

# 2024 Priority List and Schedule

Suwannee River Water Management District Minimum Flows and Minimum Water Levels to be adopted in 2025

| New or Re-Evaluation | Waterbody Name or Compliance Point | System Name | Waterbody Type | County | Voluntary Peer Review to be Completed? | Cross-Boundary Impacts from Adjacent WMD? | Latitude | Longitude | Rulemaking Status |
|---|---|---|---|---|---|---|---|---|---|
| Re-Evaluation | Santa Fe River near Fort White | Lower Santa Fe | River | Gilchrist | Yes | Yes | 29.8486 | -82.7153 | Rule Adopted |
| New | Santa Fe River at US HWY 441 near High Springs | Lower Santa Fe | River | Alachua | Yes | Yes | 29.8525 | -82.6086 | |
| Re-Evaluation | Columbia (Col101974) | Lower Santa Fe | Spring (Mag. 2) | Columbia | Yes | Yes | 29.8340 | -82.6767 | Rule Adopted |
| Re-Evaluation | Columbia Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Columbia | Yes | Yes | 29.8541 | -82.6120 | Rule Adopted |
| Re-Evaluation | Devils Ear Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Gilchrist | Yes | Yes | 29.8353 | -82.6966 | Rule Adopted |
| Re-Evaluation | Hornsby Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Alachua | Yes | Yes | 29.8504 | -82.5932 | Rule Adopted |
| Re-Evaluation | July Spring | Lower Santa Fe | Spring (Mag. 1) | Columbia | Yes | Yes | 29.8362 | -82.6964 | Rule Adopted |
| Re-Evaluation | Poe Spring (OFS) | Lower Santa Fe | Spring (Mag. 2) | Alachua | Yes | Yes | 29.8257 | -82.6490 | Rule Adopted |
| Re-Evaluation | Rum Island Spring | Lower Santa Fe | Spring (Mag. 2) | Columbia | Yes | Yes | 29.8335 | -82.6798 | Rule Adopted |
| Re-Evaluation | Santa Fe River Rise | Lower Santa Fe | Spring (Mag. 1) | Alachua | Yes | Yes | 29.8739 | -82.5916 | Rule Adopted |
| Re-Evaluation | Siphon Creek Rise | Lower Santa Fe | Spring (Mag. 1) | Gilchrist | Yes | Yes | 29.8562 | -82.7331 | Rule Adopted |
| Re-Evaluation | Treehouse Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Alachua | Yes | Yes | 29.8549 | -82.6029 | Rule Adopted |
| New | Gilchrist Blue Spring | Lower Santa Fe | Spring (Mag. 2) | Gilchrist | Yes | Yes | 29.8299 | -82.6829 | |
| Re-Evaluation | Ichetucknee River at Hwy27 near Hildreth | Ichetucknee | River | Columbia | Yes | Yes | 29.9525 | -82.7861 | Rule Adopted |
| Re-Evaluation | Blue Hole Spring (OFS Group) | Ichetucknee | Spring (Mag. 1) | Columbia | Yes | Yes | 29.9805 | -82.7584 | Rule Adopted |
| Re-Evaluation | Devils Eye Spring (OFS Group) | Ichetucknee | Spring (Mag. 2) | Gilchrist | Yes | Yes | 29.8352 | -82.6966 | Rule Adopted |
| Re-Evaluation | Grassy Hole Spring (OFS Group) | Ichetucknee | Spring (Mag. 3) | Columbia | Yes | Yes | 29.9678 | -82.7597 | Rule Adopted |
| Re-Evaluation | Ichetucknee Head Spring (OFS Group) | Ichetucknee | Spring (Mag. 2) | Suwannee | Yes | Yes | 29.9842 | -82.7619 | Rule Adopted |
| Re-Evaluation | Mill Pond Springs (OFS Group) | Ichetucknee | Spring (Mag. 2) | Columbia | Yes | Yes | 29.9667 | -82.7600 | Rule Adopted |
| Re-Evaluation | Mission Springs (OFS Group) | Ichetucknee | Spring (Mag. 2) | Columbia | Yes | Yes | 29.9762 | -82.7579 | Rule Adopted |
| New | Suwannee River at White Springs | Upper Suwannee | River | Columbia | Yes | Yes | 30.3256 | -82.7383 | |
| New | Suwannee River at Suwannee Springs | Upper Suwannee | River | Suwannee | Yes | Yes | 30.3928 | -82.9333 | |
| New | Suwannee River at Ellaville | Middle Suwannee | River | Suwannee | Yes | Yes | 30.3844 | -82.8281 | |
| New | Suwannee River at Branford | Middle Suwannee | River | Suwannee | Yes | Yes | 29.9556 | -82.9278 | |
| New* | Lafayette Blue Spring (OFS) | Middle Suwannee | Spring (Mag. 1) | Lafayette | Yes | Yes | 30.1258 | -83.2261 | Emergency rule* |
| New* | Troy Spring (OFS) | Middle Suwannee | Spring (Mag. 1) | Lafayette | Yes | Yes | 30.0060 | -82.9975 | Emergency rule* |

| New or Re-Evaluation | Waterbody Name or Compliance Point | System Name | Waterbody Type | County | Voluntary Peer Review to be Completed? | Cross-Boundary Impacts from Adjacent WMD? | Latitude | Longitude | Rulemaking Status |
|---|---|---|---|---|---|---|---|---|---|
| New* | Falmouth Spring (OFS) | Middle Suwannee | Spring (Mag. 1) | Suwannee | Yes | Yes | 30.3612 | -83.1350 | Emergency rule* |
| New | Lime Spring | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Yes | 30.3912 | -83.1687 | |
| New | Lime Sink Rise | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Yes | 30.3878 | -83.1611 | |
| New | Suwanacoochee Spring | Middle Suwannee | Spring (Mag. 2) | Madison | Yes | Yes | 30.3867 | -83.1718 | |

* Emergency MFL rule 40BER 17-01 effective July 1, 2017.

## Suwannee River Water Management District Minimum Flows and Minimum Water Levels to be adopted in 2026

| New or Re-Evaluation | Waterbody Name or Compliance Point | System Name | Waterbody Type | County | Voluntary Peer Review to be Completed? | Cross-Boundary Impacts from Adjacent WMD? | Latitude | Longitude | Rulemaking Status |
|---|---|---|---|---|---|---|---|---|---|
| New* | Peacock Springs Group (OFS) | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 30.1232 | -83.1332 | Emergency rule* |
| New | Bonnet Spring | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 30.1243 | -83.1382 | |
| New | Telford Spring | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 30.1070 | -83.1657 | |
| New | Withlacoochee River near Lee | Withlacoochee | River | Madison | Yes | Under evaluation | 30.4104 | -83.1801 | |
| Re-Evaluation | Madison Blue Spring (OFS) | Withlacoochee | Spring (Mag. 1) | Madison | Yes | Under evaluation | 30.4804 | -83.2444 | Rule Adopted |
| New | Pot Spring | Withlacoochee | Spring (Mag. 2) | Hamilton | Yes | Under evaluation | 30.4708 | -83.2344 | |

* Emergency MFL rule 40BER 17-01 effective July 1, 2017.

## Suwannee River Water Management District Minimum Flows and Minimum Water Levels to be adopted in 2027

| New or Re-Evaluation | Waterbody Name or Compliance Point | System Name | Waterbody Type | County | Voluntary Peer Review to be Completed? | Cross-Boundary Impacts from Adjacent WMD? | Latitude | Longitude | Rulemaking Status |
|---|---|---|---|---|---|---|---|---|---|
| New | Alapaha River Rise | Upper Suwannee | Spring (Mag. 1) | Hamilton | Yes | Yes | 30.4394 | -83.0893 | |
| New | Holton Creek Rise | Upper Suwannee | Spring (Mag. 1) | Hamilton | Yes | Yes | 30.4379 | -83.0576 | |
| New | Blue Spring at Boys Ranch | Upper Suwannee | Spring (Mag. 2) | Suwannee | Yes | Yes | 30.4223 | -83.0138 | |
| New | Suwannee Spring | Upper Suwannee | Spring (Mag. 2) | Suwannee | Yes | Yes | 30.3945 | -82.9345 | |
| New | Hamilton Unnamed Spring (Ham1023971) | Upper Suwannee | Spring (Mag. 2) | Hamilton | Yes | Yes | 30.3861 | -82.9064 | |
| New | White Sulphur Spring | Upper Suwannee | Spring (Mag. 2) | Hamilton | Yes | Yes | 30.3300 | -82.7608 | |
| New | Blue Sink Spring (Suwannee) | Upper Suwannee | Spring (Mag. 2) | Suwannee | Yes | Yes | 30.3357 | -82.8084 | |

## Suwannee River Water Management District Minimum Flows and Minimum Water Levels to be adopted after 2027

| New or Re-Evaluation | Waterbody Name or Compliance Point | System Name | Waterbody Type | County | Voluntary Peer Review to be Completed? | Cross-Boundary Impacts from Adjacent WMD? | Latitude | Longitude | Rulemaking Status |
|---|---|---|---|---|---|---|---|---|---|
| New | Bell Spring | Middle Suwannee | Spring (Mag. 3) | Gilchrist | Yes | Under evaluation | 29.5974 | -82.9412 | |
| New | Otter Spring | Middle Suwannee | Spring (Mag. 2) | Gilchrist | Yes | Under evaluation | 29.6448 | -82.9428 | |
| New | Hart Springs | Middle Suwannee | Spring (Mag. 2) | Gilchrist | Yes | Under evaluation | 29.6750 | -82.9512 | |
| New | Rock Sink Spring | Middle Suwannee | Spring (Mag. 2) | Dixie | Yes | Under evaluation | 29.7279 | -82.9493 | |
| New | Rock Bluff Springs | Middle Suwannee | Spring (Mag. 2) | Gilchrist | Yes | Under evaluation | 29.7991 | -82.9186 | |
| New | Pothole Spring | Middle Suwannee | Spring (Mag. 2) | Dixie | Yes | Under evaluation | 29.8107 | -82.9359 | |
| New | Guaranto Spring | Middle Suwannee | Spring (Mag. 2) | Dixie | Yes | Under evaluation | 29.7798 | -82.9400 | |
| New | Turtle Spring | Middle Suwannee | Spring (Mag. 2) | Lafayette | Yes | Under evaluation | 29.8474 | -82.8903 | |
| New | Branford Spring | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 29.9549 | -82.9284 | |
| New | Little River Spring | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 29.9969 | -82.9663 | |
| New | Ruth Spring | Middle Suwannee | Spring (Mag. 2) | Lafayette | Yes | Under evaluation | 29.9958 | -82.9768 | |
| New | Owens Spring | Middle Suwannee | Spring (Mag. 2) | Lafayette | Yes | Under evaluation | 30.0460 | -83.0411 | |
| New | Royal Spring | Middle Suwannee | Spring (Mag. 3) | Suwannee | Yes | Under evaluation | 30.0837 | -83.0748 | |
| New | Allen Mill Pond Springs | Middle Suwannee | Spring (Mag. 2) | Lafayette | Yes | Under evaluation | 30.1628 | -83.2431 | |
| New | Charles Spring | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 30.1674 | -83.2304 | |
| New | Anderson Spring | Middle Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 30.3534 | -83.1897 | |
| New | Stevenson Spring | Upper Suwannee | Spring (Mag. 2) | Suwannee | Yes | Under evaluation | 30.4171 | -83.1530 | |
| New | Seven Sisters Spring | Upper Suwannee | Spring (Mag. 2) | Hamilton | Yes | Under evaluation | 30.4177 | -83.1553 | |
| Re-Evaluation | Devil’s Ear Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Gilchrist | Yes | Yes | 29.8353 | -82.6966 | Rule Adopted |
| Re-Evaluation | July Spring | Lower Santa Fe | Spring (Mag. 1) | Columbia | Yes | Yes | 29.8362 | -82.6964 | Rule Adopted |
| Re-Evaluation | Gilchrist Blue Spring | Lower Santa Fe | Spring (Mag. 2) | Gilchrist | Yes | Yes | 29.8299 | -82.6829 | |
| Re-Evaluation | Poe Spring (OFS) | Lower Santa Fe | Spring (Mag. 2) | Alachua | Yes | Yes | 29.8257 | -82.6490 | Rule Adopted |
| Re-Evaluation | Hornsby Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Alachua | Yes | Yes | 29.8504 | -82.5932 | Rule Adopted |
| Re-Evaluation | Columbia Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Columbia | Yes | Yes | 29.8541 | -82.6120 | Rule Adopted |
| Re-Evaluation | Treehouse Spring (OFS) | Lower Santa Fe | Spring (Mag. 1) | Alachua | Yes | Yes | 29.8549 | -82.6029 | Rule Adopted |
| Re-Evaluation | Santa Fe River Rise | Lower Santa Fe | Spring (Mag. 1) | Alachua | Yes | Yes | 29.8739 | -82.5916 | Rule Adopted |

| New or Re-Evaluation | Waterbody Name or Compliance Point | System Name | Waterbody Type | County | Voluntary Peer Review to be Completed? | Cross-Boundary Impacts from Adjacent WMD? | Latitude | Longitude | Rulemaking Status |
|---|---|---|---|---|---|---|---|---|---|
| Re-Evaluation | Waccasassa River near Gulf Hammock | Waccasassa | River | Levy | Yes | Under evaluation | 29.2038 | -82.7689 | Rule Adopted |
| Re-Evaluation | Levy Blue Spring | Waccasassa | Spring (Mag. 3) | Levy | Yes | Under evaluation | 29.4507 | -82.6990 | Rule Adopted |
| New | Withlacoochee River near Pinetta | Withlacoochee | River | Madison | Yes | Under evaluation | 30.5953 | -82.7403 | |
| New | Hardee (Rossiter) Spring | Withlacoochee | Spring (Mag. 2) | Hamilton | Yes | Under evaluation | 30.5447 | -83.2501 | |


# Five-Year Capital Improvements Plan

## Suwannee River Water Management District

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN

## I. Introduction

The Suwannee River Water Management District's (District's) Five-Year Capital Improvements Plan (CIP) is submitted in compliance with the reporting requirements of subsection 373.536(6)(a)3, Florida Statutes (F.S). The format for this report has been developed jointly by the Executive Office of the Governor, the Department of Environmental Protection (FDEP), and the water management districts (WMDs). The CIP includes projected revenues and expenditures for capital improvements from Fiscal Years 2025-2029. As directed by subsection 373.536(6)(a)3, F.S., the CIP has been prepared in a manner comparable to the fixed capital outlay format set forth in section 216.043, F.S. Those two programs and their activities and sub-activities are:

### 2.0 Acquisition, Restoration and Public Works

2.1 Land Acquisition
2.2 Water Source Development
2.2.1 Water Resource Development Projects
2.2.2 Water Supply Development Assistance
2.2.3 Other Water Source Development Activities
2.3 Surface Water Projects
2.4 Other Cooperative Projects
2.5 Facilities Construction and Major Renovations

### 3.0 Operation and Maintenance of Lands and Works

3.1 Land Management
3.2 Works
3.3 Facilities
3.4 Invasive Plant Control
3.5 Other Operation and Maintenance Activities

The activities and sub-activities under program 2.0 Acquisition, Restoration and Public Works that include capital improvement projects are 2.1 Land Acquisition.

The activities under program 3.0 Operation and Maintenance of Lands and Works that include capital improvement projects are 3.1 Land Management and 3.3 Facilities.

The purpose of the CIP is to project future needs and anticipated future funding requirements to meet those needs. The District uses a pay-as-you-go approach and does not incur bonded debt. The CIP contains only those projects that will be owned and capitalized as fixed assets by the District.

The CIP includes expenditures for basic construction costs (permits, inspections, site development, etc.) and other related capital project costs (land, survey, existing facility acquisition, professional services, etc.). The CIP does not include expenditures for changes in program costs (including salaries and benefits), changes in maintenance costs, or changes in utility costs.

### 2.0 Acquisition, Restoration, and Public Works

This program includes the development and construction of all capital projects (except those contained in Program 3.0), including water resource development projects/water supply development assistance, water control projects, and support and administrative facilities construction; cooperative projects; land acquisition (including Save Our Rivers / Preservation 2000 / Florida Forever / Springs Restoration Grants); and the restoration of lands and water bodies.

#### 2.1 Land Acquisition

This activity includes District acquisition of lands for flood protection; water storage; water management, conservation and protection of water resources; aquifer recharge; and preservation of wetlands, streams and lakes. Funds from the Florida Forever program, Springs Restoration Grants and Military Base Protection Funds are used for land acquisitions.

**2.2 Water Source Development**
Water resource development projects and regional or local water supply development assistance projects designed to increase the availability of water supplies for consumptive use; also, other water resource development activities not necessarily contained in regional water supply plans but which provide water supply benefits.

**2.2.1 Water Resource Development Projects**
Regional projects designed to create, from traditional or alternative sources, an identifiable, quantifiable supply of water for existing and/or future reasonable-beneficial uses. These projects do not include the construction of facilities for water supply development, as defined in subsection 373.019(21), F.S. Such projects may include the construction, operation, and maintenance of major public works facilities that provide for the augmentation of available surface and ground water supply or that create alternative sources of supply. Water resource development projects are to be identified in water management district regional water supply plans or district water management plans, as applicable, and the water resource development work program.

**2.2.2 Water Supply Development Assistance**
This activity includes financial assistance for regional or local water-supply development projects. Such projects may include the construction of facilities included in the term "water supply development" as defined in subsection 373.019(21), F.S.

**2.3 Surface Water Projects**
Projects that restore or protect surface water quality, related resources, or provide flood protection through the acquisition and improvement of land, construction of public works, and other activities.

### 3.0 Operation and Maintenance of Lands and Works
This program includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, F.S

**3.1 Land Management**
Maintenance, custodial, public-use improvements, and restoration efforts for lands acquired through Save Our Rivers, Preservation 2000, Florida Forever, or other land acquisition programs.

**3.3 Facilities**
This activity includes the operation and maintenance of District support and administrative facilities.

## II. FIVE-YEAR CAPITAL IMPROVEMENTS PLAN
Capital improvements involve the District's headquarters facility and lands acquired for water management purposes. District Governing Board policy has historically been to take a nonstructural water management approach where possible. This policy recognizes both the environmental benefits of a nonstructural approach and the fiscal reality of the District's limited funding ability.

This report describes anticipated revenues and expenditures for capital improvements needed to implement District programs to fulfill the requirements of Chapter 373, F.S. Related documents provide additional detail and information as follows:

- The District's Florida Forever Work Plan describes the District's land acquisition and management, water resource development, and restoration efforts.
- The annual Preliminary Budget and Tentative Budget Submission Report provide proposed revenues and expenditures for each fiscal year.

- The Annual Budget, adopted by the Governing Board in September of each year, provides the strategies and budgets of each District program.
- The District's Strategic Plan provides the long-range water resource management issues and strategies for water quality, water supply, flood protection, and natural systems management.
- The District's Five-Year Water Resource Development Work Program provides implementation strategies relating to water resource development and water supply development efforts.

## FISCAL YEAR 2025 THROUGH FISCAL YEAR 2029

| 2.0 ACQUISITION, RESTORATION AND PUBLIC WORKS | | | | | |
|---|---|---|---|---|---|
| 2.1 LAND ACQUISITION | | | | | |
| REVENUES | FY 2025 | FY 2026 | FY 2027 | FY 2028 | FY 2029 |
| Fund Balance | 2,390,000 | 2,890,000 | 1,000,000 | - | - |
| State Revenue | 5,000,000 | 5,000,000 | 7,000,000- | 10,000,000- | 10,000,000- |
| Total | 7,390,000 | 7,890,000 | 8,000,000 | 10,000,000 | 10,000,000 |
| EXPENDITURES | FY 2025 | FY 2026 | FY 2027 | FY 2028 | FY 2029 |
| Total | 7,390,000 | 7,890,000 | 8,000,000 | 10,000,000 | 10,000,000 |

| 3.0 OPERATION AND MAINTENANCE OF LANDS AND WORKS | | | | | |
|---|---|---|---|---|---|
| 3.1 LAND MANAGEMENT AND 3.5 EMERGENCY MANAGEMENT | | | | | |
| REVENUES | FY 2025 | FY 2026 | FY 2027 | FY 2028 | FY 2029 |
| Fund Balance | - | 189,750 | | | |
| District Revenue | 165,000 | 80,000 | 80,000 | 80,000 | 80,000 |
| State Revenue | - | 539,750 | | | |
| Federal Revenue | - | 379,500 | | | |
| Total | 165,000 | 1,189,000 | 80,000 | 80,000 | 80,000 |
| EXPENDITURES | FY 2025 | FY 2026 | FY 2027 | FY 2028 | FY 2029 |
| Total | 165,000 | 1,189,000 | 80,000 | 80,000 | 80,000 |
| 3.3 FACILITIES | | | | | |
| REVENUES | FY 2025 | FY 2026 | FY 2027 | FY 2028 | FY 2029 |
| Fund Balance | 386,000 | 386,000 | 500,000 | 500,000 | 500,000 |
| State Revenue | 2,750,000 | 2,000,000 | | | |
| Total | 3,136,000 | 2,386,000 | 500,000 | 500,000 | 500,000 |

| EXPENDITURES | FY 2025 | FY 2026 | FY 2027 | FY 2028 | FY 2029 |
|---|---|---|---|---|---|
| Total | 3,136,000 | 2,386,000 | 500,000 | 500,000 | 500,000 |

# III. PROJECT DESCRIPTIONS

## 2.0 ACQUISITION, RESTORATION, AND PUBLIC WORKS

Activity: 2.1 Land Acquisition

Project Title: Water Management Lands Acquisition

Type: Fee title purchase of lands within the Land Acquisition and Management Plan and/or the 2020 Florida Forever Work Plan.

Physical Location: Activities are conducted at District headquarters near Live Oak, FL. Acquisitions are located within the District boundaries as identified in the 2022 Florida Forever Work Plan.

Square Footage/Physical Description: N/A

Expected Completion Date: Ongoing

Historical Background/Need for Project: Land acquisition is a key mechanism for the District to achieve its statutory responsibilities. The District's land acquisition program implements provisions of section 373.139, F.S.

The implementation of this program, along with the cumulative efforts under the Save Our Rivers, Preservation 2000, Florida Forever programs, Springs Restoration Grants and Military Base Protection Funds have resulted in the protection of over 287,088 acres of fee title and conservation easement water resource lands. Approximately 159,974 acres of river floodplains, freshwater springs, headwater wetlands, bottomland hardwood, and buffering upland forests are protected in full-fee ownership. Conservation easements, access easements, and deed restricted from less-than fee purchases have protected nearly 127,114 acres of water resource lands. These lands are managed primarily for nonstructural flood protection including floodwater conveyance, storage, and attenuating floodwaters. Ancillary benefits include water quality and habitat protection, and passive public recreation areas. The District continues to explore potential acquisitions with public and private partners to maximize available funding for conservation acquisitions.

Plan Linkages: Florida Forever Work Plan 2025, Five-Year Strategic Plan 2025–2029, FY 2024–25 Budget, FY 2025–26 Preliminary Budget, 5-Year Water Resource Development Work Program

Area(s) of Responsibility: Water Supply, Water Quality, Flood Protection, and Natural Systems.

Alternative(s): Planned acquisitions could be deferred to future year(s), but acquisition opportunities may be lost.

Other Project Costs (includes land, survey, existing facility acquisition, professional services, other): FY 2024–25 - $7,390,000; FY 2025–26 - $7,890,000

## 3.0 OPERATION AND MAINTENANCE OF LANDS AND WORKS

Activity: 3.1 Land Management and 3.5 Emergency Management

Project Title: Land Management

Type: Construction, reconstruction, or development of capital improvements and/or facilities necessary for managing water resource lands.

Physical Location: Various locations on District-owned lands.

Square Footage/Physical Description: 159,974 acres

Expected Completion Date: Ongoing

Historical Background/Need for Project: Lands acquired for water resource management purposes often require capital improvements associated with hydrologic or other restoration to eliminate or reduce adverse water resource impacts, allow for public use, and for ongoing District land-management activities.

Plan Linkages: Florida Forever Work Plan 2025, Five-Year Strategic Plan 2025–2029, FY 2024–25 Budget, FY 2025–26 Preliminary Budget

Area(s) of Responsibility: Water Supply, Water Quality, Flood Protection, and Natural Systems

Alternative(s): Land management capital improvements could be deferred to future year(s) or foregone but would result in increased future costs and/or adverse water resource impacts resulting from decreased land management capabilities.

Other Project Costs (includes land, survey, existing facility acquisition, professional services, other): FY 2024–25 - $165,000; FY 2025–26 - $1,189,000

3.0 OPERATION AND MAINTENANCE OF LANDS AND WORKS

Activity: 3.3 Facilities

Project Title: Facility Management

Type: Operation and maintenance of administrative facilities.

Physical Location: District headquarters

Square Footage/Physical Description: 35,000 square feet

Expected Completion Date: Ongoing

Historical Background/Need for Project: The District facilities consist of a 35,000 square foot headquarter building, a laboratory/storage building, a garage/storage facility, and a parking lot on 12 acres.

Plan Linkages: FY 2024–25 Budget, FY 2025–26 Preliminary Budget .

Area(s) of Responsibility: Water Supply, Water Quality, Flood Protection, and Natural Systems.

Alternative(s): Facility management improvements could be deferred to future year(s) or foregone but would result in increased future costs and potentially have adverse effects on District operations.

Basic Construction Costs (includes permits, inspections, communications requirements, utilities, outside building, site development, other): FY 2024–25 - $3,136,000; FY 2025–26 - $2,386,00

# Alternative Water Supply Report

Suwannee River Water Management District

# Introduction:

In 2005, the Florida Legislature created the Water Protection and Sustainability Program, section 373.707, Florida Statutes (F.S.). As part of this program, the Legislature made State funds available through the Water Protection and Sustainability Trust Fund to water management districts for the development of the alternate water supply and conservation projects. Funds could also be used for water resource development projects if a regional water supply plan had not been completed including, but not limited to, springs protection. Each water management district is required by section 373.707 (8)(n), F.S. to submit an alternative water supply report that provides details on all funded alternative water supply, conservation, and water resource development projects. This Alternative Water Supply Report includes information on funding under the Water Protection and Sustainability Program and the District's continued efforts to protect and enhance water resources. In 2017 the Board adopted the NFRWSP (North Florida Regional Water Supply Plan). The plan includes fourteen counties, of which all or portions of the following are within the SRWMD District – Alachua, Baker, Bradford, Columbia, Gilchrist, Hamilton, Putnam, Suwannee, and Union.

## Water Protection and Sustainability Program

During the initial four years of the Water Protection and Sustainability program (WPSP), the District received over $21 million dollars from the Water Protection and Sustainability Trust Fund (WPSTF). With this funding, the District formed collaborative partnerships with the cities of Lake City, Live Oak, Monticello, and Alachua to provide funding assistance for establishing reclaimed water programs. These projects are listed in Table 2 and described in the following narrative. Consistent with subsection 373.707(8)(c), Florida Statutes, the District has also used funding from the WPSTF for water resource development projects, consisting of implementing its Minimum Flows and Levels program. Beginning in fiscal year 2019-2020 funds have been made available for Water Supply Development projects to conserve water and reduce losses.

*Water Protection and Sustainability Trust Fund - Funding Distribution*

**Table 1.**

| Fiscal Year | Distribution amount |
|---|---|
| FY2005-06 | $10,680,354 |
| FY2006-07 | $5,000,000 |
| FY2007-08 | $4,500,000 |
| FY2008-09 | $270,000 |
| FY2019-20 | $116,355 |
| FY2020-21 | $748,645 |
| FY2022-23 | $3,359,615 |

Table 2. Water Protection and Sustainability Program projects

| District Project Number | Project Name | Project Type | Status | Water Produced (mgd) | WPSP Fiscal Year | Total Project Cost | WPSP Funding | District funds | DEP funds | Federal $ | Cooperator match |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 151 | City of Lake City Reclaimed Water Program Ph 1 | Reclaimed Water (for potable offset) | Complete | 1.00 | FY2005- 06 | $4,715,880 | $2,980,354 | $0 | $0 | $0 | $1,735,526 |
| 154 | City of Live Oak Reclaimed Water Program Ph 1 | Reclaimed Water (for potable offset) | Complete | 1.50 | FY2005- 06 | $2,500,000 | $2,000,000 | $0 | $0 | $0 | $500,000 |
| 152 | City of Monticello Reclaimed Water Program | Reclaimed Water (for potable offset) | Complete | 0.50 | FY2005- 06 | $2,550,000 | $1,500,000 | $0 | $500,000 | $0 | $50,000 |
| 162 | Live Oak Reclaimed Water Program Phase II | Reclaimed Water (for potable offset) | Complete | 0.00 | FY2005- 06 | $950,000 | $700,000 | $0 | $0 | $0 | $250,000 |
| 163 | Springs Protection 2005/06-MFL | Water Resource Management Programs | Complete | 0.00 | FY2005- 06 | $3,500,000 | $3,500,000 | $0 | $0 | $0 | $0 |
| 153 | City of Alachua Reclaimed Water Program (AC-153) | Reclaimed Water (for potable offset) | Complete | 3.00 | FY2006- 07 | $1,250,000 | $1,000,000 | $0 | $0 | $0 | $250,000 |
| 155 | City of Live Oak Reclaimed Water Program Ph 1 expansion | Reclaimed Water (for potable offset) | Complete | 0.00 | FY2006- 07 | $1,250,000 | $1,000,000 | $0 | $0 | $0 | $250,000 |
| 164 | Springs Protection 2006 /07- MFL | Water Resource Management Programs | Complete | 0.00 | FY2006- 07 | $3,000,000 | $3,000,000 | $0 | $0 | $0 | $0 |
| 165 | Springs Protection 2007 - MFL | Water Resource Management Programs | Complete | 0.00 | FY2007- 08 | $4,500,000 | $4,500,000 | $0 | $0 | $0 | $0 |

| District Project Number | Project Name | Project Type | Status | Water Produced (mgd) | WPSP Fiscal Year | Total Project Cost | WPSP Funding | District funds | DEP funds | Federal $ | Cooperator match |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 166 | Springs Protection 2008 - MFL | Water Resource Management Programs | Complete | 0.00 | FY2008- 09 | $270,000 | $270,000 | $0 | $0 | $0 | $0 |
| 331 | Ft. White Water Main Loop | PS and CII Conservation | Complete | 0.0002 | FY2019- 20 | $174,355 | $116,355 | $0 | $29,000 | $0 | $0 |
| 344 | High Springs Water System Interconnect | PS and CII Conservation | Complete | 0.02 | FY2020- 21 | $248,000 | $85,160 | $100,840 | $0 | $0 | $62,000 |
| 345 | Potable Water Improvements - Maple St. | PS and CII Conservation | Complete | 0.00 | FY2020- 21 | $115,596 | $78,485 | $0 | $0 | $0 | $37,111 |
| 337 | Water Resource Values Expansion | Data Collection and Evaluation | Complete | 0.00 | FY2020- 21 | $400,000 | $400,000 | $0 | $0 | $0 | $0 |
| 338 | Water Supply Expansion | Data Collection and Evaluation | Complete | 0.00 | FY2020- 21 | $185,000 | $185,000 | $0 | $0 | $0 | $0 |
| 2101 | North Florida Mega Industrial Park | Reclaimed Water (for potable offset) | Active | 0.25 | FY2022- 23 | $55,919,615 | $3,359,615 | $0 | $24,200,000 | $2,960,000 | $1,200,000 |

### City of Alachua Reclaimed Water Program # 153
This project was for the implementation of a 0.4 MGD reuse project to offset groundwater withdrawals. Initial construction was for filtration, disinfection, transmission lines, pumping, controls and storage. Potential offset for 1 to 3 MGD for commercial and residential offset.

### City of Lake City Reclaimed Water Program Ph 1 # 151
This project was for the implementation of a 1 MGD reuse project with expansion capabilities. Initial construction was for water treatment, transmission.

### City of Live Oak Reclaimed Water Program # 154, # 162
Ph 1 expansion is to implement a 1.5 MGD treatment facility. The goal is the offset of 0.8 MGD of groundwater withdrawals.

### City of Monticello Reclaimed Water Program # 152
This project was for the implementation of a 0.5 MGD reuse project to offset groundwater withdrawals at the Simpson Nursery. Initial construction was to upgrade the water treatment facility, transmission mains, pumping, storage, supervisory control and data acquisition.

### Ft. White Water Main Loop # 331
A portion of this project has been funded through the WPSP to construct water main loops.

### High Springs Interconnect # 344
A portion of this project has been funded through the WPSP to construct water main loops.

### Potable Water Improvements – Maple St. # 345
A portion of this project has been funded through the WPSP to construct water main loops.

### North Florida Mega Industrial Park. # 2101
A portion of this project has been funded through the WPSP to provide reclaimed water to industrial users.

### Springs Protection # 163, 164, 165, 166, 337, 338
These projects provided data collection and evaluation to support the Minimum Flows and Minimum Levels Program (MFLs)

## Summary of Continuing Efforts
The District works with its local and state partners to identify, develop and fund alternative water supply, conservation, and water resource development projects. The Districts Regional Initiative Valuing Environmental Resources (RIVER) cost-share program provides local governments with funding for projects including alternative water supply and water conservation projects. Since the inception of the RIVER program in 2013, the District has partnered with local governments to implement thirty-four alternative water supply projects and water conservation projects with a total estimated benefit of 0.94 MGD.

Through agricultural cost-share programs, the District and FDEP partner with agricultural producers to increase water savings by implementing irrigation retrofits, new water saving technologies, and other water conservation projects. The FDEP has awarded state springs grants for cost share programs for irrigation and nutrient management retrofits for agricultural and dairy operations. The Suwannee River Partnership (SRP) has been instrumental in implementing conservation partnerships with the agricultural community in the Suwannee River Basin. From 2014 through 2024 the estimated benefit at completion will be 28.3 MGD.

The District also invests money into water supply and water resource development projects. These projects include aquifer recharge and hydrologic restoration projects. The continuing support for springs protection and restoration from Governor DeSantis, the Florida Legislature, and the FDEP has enabled the District to increase efforts, through partnerships, to protect and enhance water supply and resources throughout the District. From 2014 to 2024, the District with the FDEP and local partners implemented 40 water resource development projects with an estimated benefit of 21.7 MGD at completion.

Details on alternative water supply, water conservation, and water resource development projects funded through these various programs is provided in Table 3. Table 4 provides a description of the projects identified in Table 3.

Table 3.

| District Project Number | Project Name | Project Type | Project Status | Water Produced at Completion | Initial FY funded | DEP Funds | Other state funds | Federal funds | District funds | Cooperator match | Total Project Cost | Program |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 2014 Springs Projects: Task 2 WC Through Pivots (S0796) | Agricultural Conservation | Complete | 5.26 | FY2014-15 | $885,000 | $0 | $0 | $1,235,000 | $308,975 | $2,428,975 | Springs |
| 6 | 2014 Springs Projects: Task 3 Dairy Lagoon Expansion (S0796) | Other Non-Traditional Source | Complete | 0.3 | FY2014-15 | $920,000 | $0 | $0 | $0 | $300,000 | $1,220,000 | Springs |
| 7 | 2015 S0905 Springs Projects: Dairy Screen Separators | Agricultural Conservation | Active | 0.32 | FY2015-16 | $2,120,000 | $0 | $0 | $20,000 | $530,000 | $2,670,000 | Springs |
| 8 | 2016 Springs Projects LP6103C: Dairy Wastewater System Improvements | Other Non-Traditional Source | Complete | 0.14 | FY2016-17 | $1,500,000 | $0 | $0 | $0 | $300,000 | $1,800,000 | Springs |
| 228 | Accelerating Suwannee River Restoration and Silviculture Management | Agricultural Conservation | Active | 3.03 | FY2019-20 | $1,878,736 | $0 | $0 | $0 | $500,000 | $2,378,736 | Springs |
| 2760 | Agricultural Springs Protection | Agricultural Conservation | Master project | 2 | FY2022-23 | $6,000,000 | $0 | $0 | $0 | $1,500,000 | $7,500,000 | Springs |
| 157 | Agriculture Water Conservation (2013 Ag Cost Share Funds) | Agricultural Conservation | Complete | 5.2 | FY2012-13 | $0 | $0 | $0 | $1,200,550 | $308,975 | $1,509,525 | District |
| 2680 | Archer Water Systems Improvement Project | PS and CII Conservation | Active | 0.002 | FY2022-23 | $724,220 | $4,103,912 | $0 | $0 | $0 | $4,828,132 | AWS |
| 300 | AWS Pivot Retrofits WS002 | Agricultural Conservation | Active | 1.1 | FY2019-20 | $1,200,400 | $0 | $0 | $0 | $400,100 | $1,600,500 | AWS |
| 230 | Bee Haven Bay WRD | Reclaimed Water (for potable offset) | Complete | 0.7 | FY2019-20 | $370,000 | $0 | $0 | $0 | $0 | $370,000 | Springs |
| 240 | Bradford County Silviculture Enhancement & Recharge Project | Groundwater Recharge | Active | 3 | FY2019-20 | $2,000,000 | $0 | $0 | $0 | $0 | $2,000,000 | Springs |
| 15 | Brooks Sink Phase 1 | Groundwater Recharge | Complete | 0.12 | FY2013-14 | $0 | $0 | $0 | $35,000 | $0 | $35,000 | Florida Forever |
| 136 | Cedar Key WSD Reuse project | Distribution/Transmission Capacity | Complete | 0.18 | FY2007-08 | $0 | $0 | $0 | $25,000 | $8,333 | $33,333 | Florida Forever |
| 2967 | Commercial application of Smart Soakers | Agricultural Conservation | Active - subproject | 0.04 | FY2022-23 | $216,132 | $0 | $0 | $0 | $273,750 | $489,882 | Springs |
| 28 | Cow Pond Drainage Basin Aquifer Recharge | Groundwater Recharge | Complete | 1.69 | FY2016-17 | $313,382 | $0 | $0 | $50,000 | $0 | $363,382 | Springs |
| 2669 | DH/DHR Water Sharing Project | Reclaimed Water (for potable offset) | Complete | 0.2 | FY2022-23 | $750,000 | $0 | $0 | $0 | $1,105,239 | $1,855,239 | AWS |
| 365 | Dispersed Storage for Recharge and Alternative Water Supply | Stormwater | Active | 3 | FY2022-23 | $2,100,000 | $0 | $0 | $0 | $0 | $2,100,000 | AWS |
| 124 | Eagle Lake | Reclaimed Water (for potable offset) | Complete | 2 | FY2014-15 | $3,070,000 | $0 | $0 | $300,000 | $230,000 | $3,600,000 | Springs |

| District Project Number | Project Name | Project Type | Project Status | Water Produced at Completion | Initial FY funded | DEP Funds | Other state funds | Federal funds | District funds | Cooperator match | Total Project Cost | Program |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 366 | Eco System Services | Agricultural Conservation | Active | 3 | FY2022-23 | $2,000,000 | $0 | $0 | $0 | $0 | $2,000,000 | AWS |
| 2093 | Graham Farm Acquisition WSA06 | Other Project Type | Active | 0.28994 | FY2021-22 | $322,800 | $0 | $900,000 | $0 | $781,700 | $2,004,500 | AWS |
| 293 | Groundwater Recharge Wetland | Reclaimed Water (for groundwater recharge or natural system) | Active | 4.5 | FY2019-20 | $6,100,000 | $0 | $0 | $0 | $6,100,000 | $12,200,000 | AWS |
| 2444 | Haines Street Drainage Improvements | Groundwater Recharge | Active | 0.02 | FY2021-22 | $0 | $0 | $0 | $247,314 | $274,662 | $521,976 | RIVER |
| 255 | Hamilton County Aquifer Recharge Replacement Wells and Water Quality Improvement | Groundwater Recharge | Active | 2 | FY2019-20 | $0 | $0 | $0 | $700,000 | $0 | $700,000 | District |
| 354 | Hampton Water Main Loop Phase 2 | PS and CII Conservation | Complete | 0.003 | FY2021-22 | $256,584 | $0 | $0 | $0 | $0 | $256,584 | AWS |
| 53 | Hilltop to Alliance Wastewater Project | Other Non-Traditional Source | Complete | 0.34 | FY2014-15 | $0 | $0 | $0 | $181,000 | $210,991 | $391,991 | District |
| 2772 | Houston Avenue Drainage Well Replacement | Stormwater | Active | 0.2 | FY2022-23 | $0 | $0 | $0 | $184,738 | $93,332 | $278,070 | RIVER |
| 58 | Ichetucknee Springshed Water Quality Improvement (ISQWIP) | Reclaimed Water (for groundwater recharge or natural system) | Complete | 1.19 | FY2013-14 | $4,094,397 | $0 | $0 | $598,877 | $300,000 | $4,993,274 | Springs |
| 2773 | Irvin Avenue Drainage Well Replacement | Stormwater | Active | 0.0356 | FY2022-23 | $0 | $0 | $0 | $242,170 | $76,874 | $319,044 | RIVER |
| 2098 | Lake Santa Fe Enhanced OSTDS | PS and CII Conservation | Complete | 0.001 | FY2021-22 | $0 | $0 | $0 | $30,000 | $200,000 | $230,000 | Regional WRD |
| 2090 | Lancaster Correctional Facility expansion | Reclaimed Water (for groundwater recharge or natural system) | Active | 0.028 | FY2021-22 | $0 | $2,702,300 | $197,700 | $0 | $0 | $2,900,000 | Federal WW |
| 2668 | Lawtey Water Main Replacements | PS and CII Conservation | Active | 0.02 | FY2022-23 | $409,650 | $2,321,350 | $0 | $0 | $0 | $2,731,000 | AWS |
| 1729 | Live Oak Reuse | Reclaimed Water (for potable offset) | Active | 0.01 | FY2021-22 | $0 | $2,650,000 | $3,540,000 | $0 | $0 | $6,190,000 | Federal WW |
| 78 | Middle Suwannee River and Springs Restoration and Aquifer Recharge | Groundwater Recharge | Active | 2 | FY2013-14 | $1,548,000 | $0 | $0 | $277,000 | $30,000 | $1,855,000 | Springs |
| 2998 | Oakmont Reclaimed Water Ext Ph 6 | Reclaimed Water (for potable offset) | Active | 0.055 | FY2023-24 | $0 | $0 | $0 | $226,542 | $226,542 | $453,084 | RIVER |
| 2776 | Oakmont Reclaimed Water Extension, Phase 5b | PS and CII Conservation | Complete | 0.01 | FY2022-23 | $0 | $0 | $0 | $83,375 | $83,375 | $166,750 | RIVER |
| 83 | Oakmont Reclaimed Water Main Extension (Ph 2) | Reclaimed Water (for potable offset) | Complete | 0.05 | FY2015-16 | $0 | $0 | $0 | $113,143 | $280,953 | $394,096 | RIVER |
| 2673 | Piedmont Dairy Conversion | Agricultural Conservation | Complete | 0.45 | FY2022-23 | $2,500,000 | $0 | $0 | $0 | $3,089,500 | $5,589,500 | Springs |

| District Project Number | Project Name | Project Type | Project Status | Water Produced at Completion | Initial FY funded | DEP Funds | Other state funds | Federal funds | District funds | Cooperator match | Total Project Cost | Program |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 89 | Precision Agricultural Practices | Agricultural Conservation | Active | 2 | FY2017-18 | $5,000,000 | $0 | $0 | $0 | $1,250,000 | $6,250,000 | Springs |
| 303 | Public Supply Efficiency Improvements | PS and CII Conservation | Master project | 0.11 | FY2019-20 | $1,000,000 | $0 | $0 | $0 | $519,728 | $1,519,728 | AWS |
| 1738 | Quail Heights Regional Pond | Stormwater | Active | 0.033 | FY2020-21 | $0 | $2,510,000 | $0 | $651,105 | $0 | $3,161,105 | River and Coastal Springs |
| 2671 | Reducing Impacts from Urban Landscapes | PS and CII Conservation | Active | 0.07 | FY2022-23 | $220,000 | $0 | $0 | $0 | $220,000 | $440,000 | AWS |
| 103 | Sustainable Suwannee Ag Pilot Program - Low Input | Agricultural Conservation | Active | 5.1 | FY2016-17 | $5,000,000 | $0 | $0 | $0 | $1,000,000 | $6,000,000 | Springs |
| 105 | Suwannee Country Club Reuse Connection | Reclaimed Water (for potable offset) | Complete | 0.1 | FY2014-15 | $0 | $0 | $0 | $119,520 | $4,893 | $124,413 | RIVER |
| 123 | Suwannee Valley Ag Extension Center Surface Water | Surface Water | Complete | 0.05 | FY2013-14 | $0 | $0 | $0 | $40,200 | $80,400 | $120,600 | Other |
| 1811 | TCWSD Public Supply Efficiencies | PS and CII Conservation | Complete | 0.002 | FY2020-21 | $0 | $0 | $0 | $100,000 | $0 | $100,000 | RIVER |
| 282 | University Oaks Phase IV | PS and CII Conservation | Active | 0.015 | FY2021-22 | $0 | $0 | $0 | $311,670 | $5,000 | $316,670 | RIVER |

Table 4 – Narratives

| District Project Number | Project Name | Short Description |
|---|---|---|
| 5 | 2014 Springs Projects: Task 2 WC Through Pivots | Retrofit 115 center pivots to increase spray efficiency with 14 local producers. |
| 6 | 2014 Springs Projects: Task 3 Dairy Lagoon Expansion | Contract with local producers throughout SRWMD to implement 5 projects designed to increase pond storage to better manage wastewater and irrigation. |
| 7 | 2015 S0905 Springs Projects: Dairy Screen Separators | Retrofit 18 screens and irrigation systems (Improved Nutrient Application in Dairy operations) with 9 local producers. |
| 8 | 2016 Springs Projects LP6103C: Dairy Wastewater System Improvements | Contract with local producers throughout SRWMD to implement new technology to improve wastewater systems, reduce nutrient impacts, and reduce ground water usage. |
| 228 | Accelerating Suwannee River Restoration and Silviculture Management | Incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Santa Fe and Suwannee River Basin Management Action Plan areas. |
| 2760 | Agricultural Springs Protection | District wide cost share to reduce nutrient load and water usage in BMAP and WRCA. |
| 157 | Agriculture Water Conservation (2013 Ag Cost Share Funds) | Assess and implement water conservation BMPs as part of agricultural cost-share program in Alachua, Columbia, Gilchrist, Hamilton, and Suwannee. |
| 2680 | Archer Water Systems Improvement Project | Replacement of aging infrastructure to reduce water loss in the NFRWSP area. |
| 300 | AWS Pivot Retrofits WS002 | Retrofit pivot systems with a need determined by a mobile irrigation lab evaluation in existing and proposed water resource planning areas. |

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| 230 | Bee Haven Bay WRD | Provide surface water storage of stormwater in a formerly mined area in Bee Haven Bay to be made available as an alternative water supply. |
| 240 | Bradford County Silviculture Enhancement & Recharge Project | Enhance opportunities for aquifer recharge for silvicultural lands and areas with surplus surface waters. Replacing two drainage wells near Lake Sampson will also be pursued as an opportunity for additional recharge in Bradford County. |
| 15 | Brooks Sink Phase 1 | Restore natural hydrologic connection to Brooks Sink. |
| 136 | Cedar Key WSD Reuse project | Completing improvements for the Cedar Key Water & Sewer District Wastewater Treatment Plant and extending reclaimed water lines. |
| 2967 | Commercial application of Smart Soakers | Conduct a study to evaluate water conservation using smart soakers and conventional cooling to reduce water pumping. |
| 28 | Cow Pond Drainage Basin Aquifer Recharge | Restore approximately 300 acres of sand ponds and rehydrate approximately 1,750 acres of wetlands in the Cow Pond Drainage Basin. |
| 2669 | DH/DHR Water Sharing Project | Reduce groundwater pumping by connecting a shared water system at the GRU power plants to conserve 0.2 mgd. |
| 365 | Dispersed Storage for Recharge and Alternative Water Supply | Identify storage areas for recharge and alternative water supply in the NFRWSP area. |
| 124 | Eagle Lake | Establish a public-private partnership to reduce groundwater withdrawals near Eagle Lake. |
| 366 | Eco System Services | Program to identify and incentivize silviculture and Land management practices to increase aquifer recharge in the NFRWSP. |
| 2093 | Graham Farm Acquisition WSA06 | Fee Simple land acquisition of 441 acres to reduce nutrient loading adjacent to Olustee Creek and the Santa Fe River |

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|---|---|---|
| 293 | Groundwater Recharge Wetland | Construct a groundwater recharge wetland using reclaimed water from the Kanapaha Water Reclamation facility. |
| 2444 | Haines Street Drainage Improvements | Replacement of drainage well to include stormwater management and water quality treatment to reduce nutrients. |
| 255 | Hamilton County Aquifer Recharge Replacement Wells and Water Quality Improvement | Replace two 12-inch drainage wells to provide aquifer recharge and flood protection in the Alapaha Basin. |
| 354 | Hampton Water Main Loop Phase 2 | Construct water main loops and isolation valves in Hampton's water supply to reduce water loss caused by flushing and water main breaks. |
| 53 | Hilltop to Alliance Wastewater Project | Construct wastewater pipeline connecting Hilltop Dairy to Alliance Dairy for wastewater reuse. |
| 2772 | Houston Avenue Drainage Well Replacement | Replace 50 year old drainage well to reduce flooding and provide beneficial recharge with nutrient reduction. |
| 58 | Ichetucknee Springshed Water Quality Improvement (ISQWIP) | Convert existing sprayfield to treatment wetland in Lake City for groundwater recharge. |
| 2773 | Irvin Avenue Drainage Well Replacement | Replace 50 year old drainage well to reduce flooding, provide beneficial aquifer recharge, and provide stormwater treatment. |
| 2098 | Lake Santa Fe Enhanced OSTDS | Replace existing septic system at Lake Santa Fe Park in Alachua County with a nutrient reducing treatment system to improve water quality. Use low flow fixtures to conserve water. |
| 2090 | Lancaster Correctional Facility expansion | Extend a force main from Lancaster Correctional to Fanning's WWTF to reduce nutrients and provide recharge. |
| 2668 | Lawtey Water Main Replacements | Water main replacement in Lawtey to reduce water loss in a water resource caution area, contingent upon SRF funding. |

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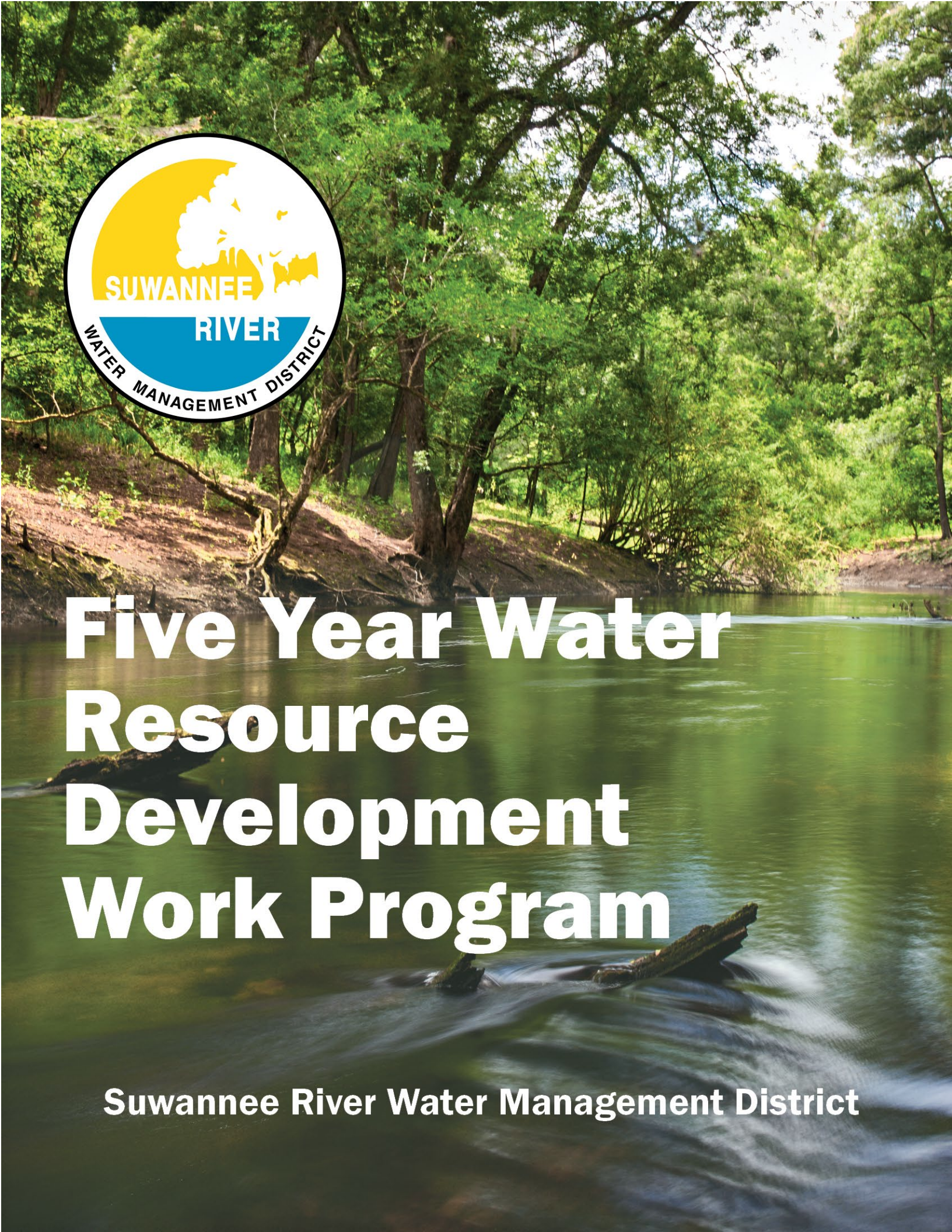
|---|---|---|
| 1729 | Live Oak Reuse | Construct extensions to the Live Oak wastewater collection infrastructure and remove septics tanks which will provide additional reuse and reduce nutrient impacts. |
| 78 | Middle Suwannee River and Springs Restoration and Aquifer Recharge | Complete hydrologic restoration activities to rehydrate approximately 1,500 acres of ponds, 4,000 acres of wetlands and recharge the aquifer up to an estimated 10 million gallons per day. |
| 2998 | Oakmont Reclaimed Water Ext Ph 6 | Extend reclaimed water lines to 158 homes plus common areas in Oakmont Ph 6 to offset 0.055 mgd of groundwater for irrigation. |
| 2776 | Oakmont Reclaimed Water Extension, Phase 5b | Extend reclaimed water to Phase 5b in Oakmont Subdivision to offset groundwater withdrawals for irrigation. |
| 83 | Oakmont Reclaimed Water Main Extension (Ph 2) | Installing of additional reclaimed water mains for Phase 2 of the Oakmont reclaimed water main extension in Alachua County. |
| 2673 | Piedmont Dairy Conversion | Conversion from grazing to free-stall barns to reduce nutrients and water pumping in the SUWA BMAP. |
| 89 | Precision Agricultural Practices 06-2586-7-2400-18-01 LP6013K | Implement precision management technology through cost-share programs with priority given to producers within both the BMAP and Outstanding Florida Springs areas. |
| 303 | Public Supply Efficiency Improvements | Implement ten infrastructure and conservation improvements in SRWMD to reduce water loss based on water audit information. |
| 1738 | Quail Heights Regional Pond | Construct a regional stormwater treatment pond near the I-75 / SR 247 interchange to benefit Cannon Creek and the Ichetucknee Trace. The pond will reduce nutrient impacts and provide storage to alleviate flooding. |
| 2671 | Reducing Impacts from Urban Landscapes (Water-wise | Reduction of fertilizer and water use in landscape irrigation in the NFRWSP area. |

| | | |
|---|---|---|
| 103 | Sustainable Suwannee Ag Pilot Program - Low Input | Implement a pilot program for agricultural operations, landowners, counties and cities, private companies, and other entities to submit proposals to reduce water use and improve water quality by reducing and removing nutrients. |
| 105 | Suwannee Country Club Reuse Connection | Connecting the Suwannee County Club golf course to the City of Live Oak reuse line and installing pump station. |
| 123 | Suwannee Valley Ag Extension Center Surface Water | Evaluate variable rate irrigation using surface water in partnership with UF IFAS. |
| 1811 | TCWSD Public Supply Efficiencies | Install 4 neighborhood master meters to monitor for system losses and identify leaks within the TCWSD water system. |
| 282 | University Oaks Phase IV | Design, permitting, and construction of approximately 5,250 LF of 6" watermain to replace deteriorated existing infrastructure and conserve water. |




# Five Year Water Resource Development Work Program

Suwannee River Water Management District

# Introduction

Water Management Districts (districts) are required by section 373.709, Florida Statutes (F.S.), to evaluate their water resources to ensure that existing sources of water are adequate to supply water for all existing and future reasonable-beneficial uses and to sustain the water resources and related natural systems for a 20-year planning period. A Regional Water Supply Plan (RWSP) is developed when a district determines that there are not enough traditional water supplies to provide water for all existing and future reasonable/beneficial uses and to sustain water resources and related natural systems for the planning period. RWSPs include a technical analysis of the current and future demands, evaluation of available water sources, and identification of water resource development and water supply development project options that could be used to meet future water demands.

The District is also required to prepare a Five-Year Water Resource Development Work Program (Work Program) as a part of its annual budget reporting process, pursuant to subsection 373.536(6)(a)4., F.S. The Work Program must describe the District's implementation strategy relating to its water resource development and water supply development (including alternative water supply development) components over the next five years. Further, the Work Program must:

- Address all the elements of the water resource development component in the District's approved RWSPs, as well as the water supply projects proposed for District funding and assistance;
- Identify both anticipated available District funding and additional funding needs for the second through fifth years of the funding plan;
- Identify projects in the Work Program which will provide water;
- Explain how each water resource and water supply project will produce additional water available for consumptive uses;
- Estimate the quantity of water to be produced by each project;
- Provide an assessment of the contribution of the District's RWSPs in supporting the implementation of minimum flows and minimum water levels and water reservations; and
- Ensure sufficient water is available to timely meet the water supply needs of existing and future reasonable-beneficial uses for a 1-in-10-year drought event and to avoid the adverse effects of competition for water supplies.

This Work Program covers the period from Fiscal Year (FY) 2024-2025 through FY 2028-2029 and is consistent with the planning strategies of the District's RWSPs. The District has developed two RWSPs, briefly summarized below and depicted in Figure 1. For additional information about the District's RWSPs, please see https://www.mysuwanneeriver.com/1605/Water-Supply-Assessment-Plan.

- The North Florida Regional Water Supply Plan (NFRWSP) is a regional water supply plan produced and implemented jointly between the District and the St. Johns River Water Management District (SJRWMD). An update to the NFRWSP was approved by both Districts in December 2023 and covers the 2020-2045 planning horizon. The region encompasses the District's Eastern Planning Region, which includes Alachua, Baker, Bradford, Columbia, Gilchrist, Hamilton, Suwannee, and Union counties (Figure 1). The region also includes the remaining counties in the northeast portion of the SJRWMD. For additional information about the NFRWSP, please see the Water Supply Plan located on the North Florida Regional Water Supply Partnership website.

- The Western Water Supply Plan (WWSP) is a regional water supply plan produced and implemented by the District. The first WWSP was approved in March 2024 and covers the 2020-2045 planning horizon. The WWSP covers the counties in the Western Planning Region, which includes Dixie, Lafayette, Levy, Jefferson, Madison, and Taylor counties (Figure 1). For additional information about the WWSP, please see the Water Supply Assessment & Plan page on the District's website.

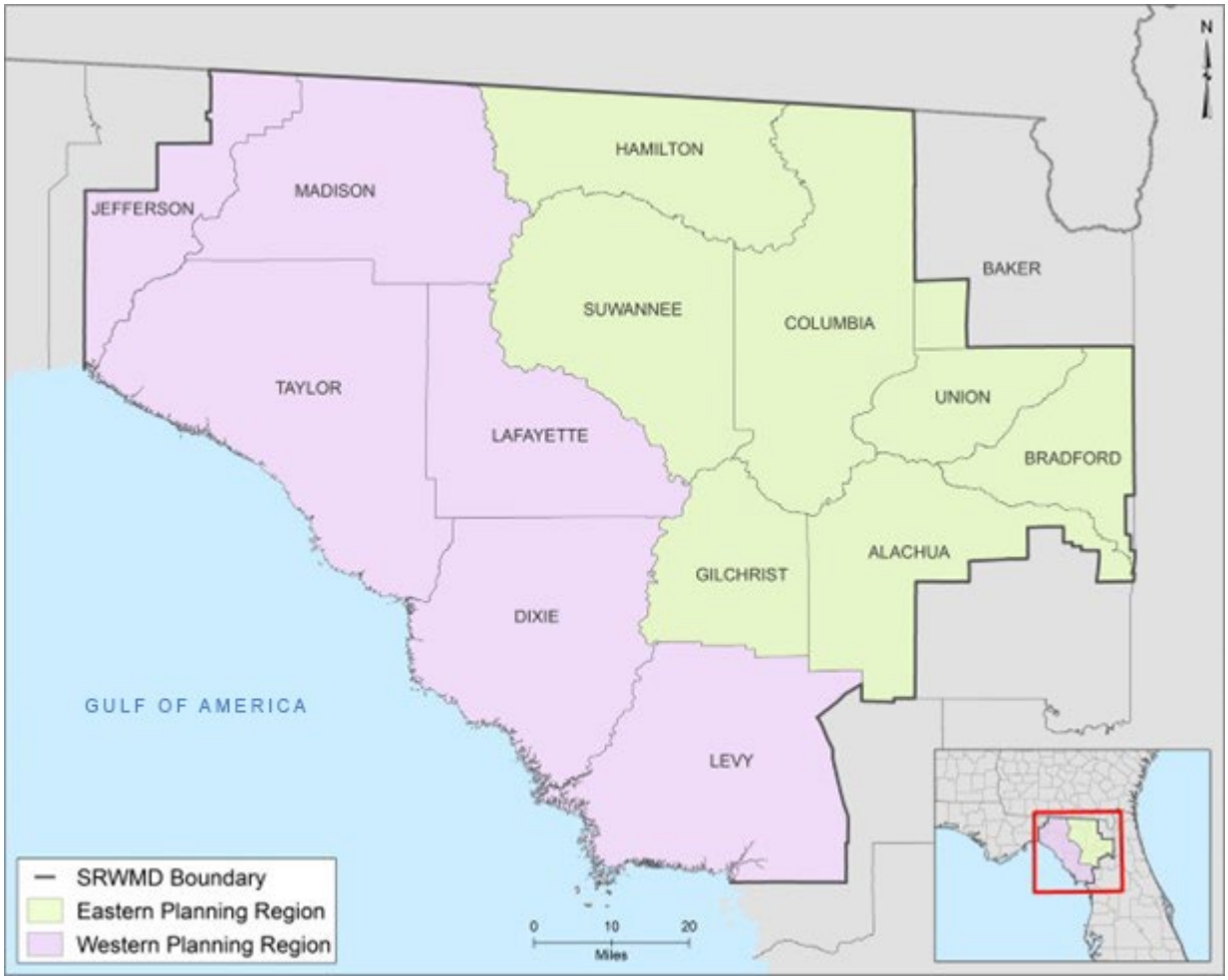



*Figure 1: District planning regions*

# Work Program Summary

The projects listed in the Work Program demonstrate progress in implementing projects which are listed in the NFRWSP, WWSP, and projects which support the objectives of the RWSPs. Implementation of projects listed in the NFRWSP support the recovery strategy for the Lower Santa Fe and Ichetucknee Rivers and Associated Priority Springs (LSFI). The District believes that this work program is adequate to further the recovery of the LSFI, to ensure water is available to timely meet the water supply needs of existing and future reasonable-beneficial uses for a 1-in-10 year drought event and to avoid the adverse effects of competition for water supplies based on the District's established minimum flows and minimum water levels (MFLs).

Over the next five years, the District will continue to implement projects and support regional water management programs, including water supply planning, water resource data collection and monitoring, and establishment of MFLs to ensure the availability of adequate water supplies for all reasonable-beneficial uses and to maintain the function of natural systems. This work program illustrates the contributions of the District in support of MFLs. Establishment of MFLs will proceed according to the District's MFL Priority List. The most current version of the District's MFL priority list, and an overview of the District's MFL program is available on the District's Minimum Flows and Minimum Water Levels page of the website.

In total, this Work Program outlines projects that, upon completion, would make available 42.3 million gallons per day (mgd) of water, including reuse and non-reuse water across the District. These projects are detailed in Appendix A. These benefits are associated with approximately $45,010,814 budgeted for FY 2024-2025. The District also funds water resource development activities that are regional in nature and are primarily the responsibility of the District. These activities are described in Table 1 and 2. They are also associated with approximately $6,654,659 budgeted in FY 2024-2025.

In addition, these projects set forth a commitment to develop projects associated with implementation of MFLs. The projects benefitting MFLs are anticipated to make available 42.3 mgd of reuse and non-reuse water upon completion. Of that, up to 24.37 mgd of reuse and non-reuse water will benefit MFLs in recovery.

# Water Resource and Water Supply Development Project Funding

The District funds projects that support water resource development and water supply development. Water resource development components are those that involve the "formulation and implementation of regional water resource management strategies, including the collection and evaluation of surface water and groundwater data; structural and nonstructural programs to protect and manage water resources; the development of regional water resource implementation programs; the construction, operation, and maintenance of major public works facilities to provide for flood control, surface and underground water storage, and groundwater recharge augmentation; and related technical assistance to local governments, government-owned and privately owned water utilities, and self-suppliers to the extent assistance to self-suppliers promotes the policies as set forth in section 373.016, F.S."[1] Water supply development components are those that involve "planning, design, construction, operation, and maintenance of public or private facilities for water collection, production, treatment, transmission, or distribution for sale, resale, or end use."[2]

A list of all projects meeting these statutory definitions is provided in Appendix A. The District provides funding assistance to public supply, agriculture, and other water use permittees, including industrial and commercial users, for projects that are consistent with the District's RWSPs and meet the District's directive and procedures pertaining to cost-share funding.

## Water Resource Development Activity Funding

The District also funds water resource development activities that are regional in nature and are therefore primarily the responsibility of the District. These water resource development activities are

[1] Section 373.019(24), F.S.
[2] Section 373.019(26), F.S.

listed in Table 1 below; and the projected expenditures for these ongoing programs are listed in Table 2. The District has identified the need for additional Regional Water Supply Planning. These planning efforts will be ongoing for FY 2024-2025 through 2028-2029 and are reflected in the projected expenditures in Table 2.

*Table 1: District water resource development activities and descriptions*

| Water Resource Development Activity | Activity Description |
|---|---|
| Water Supply Planning (1.1.1) | Long-term planning to assess and quantify existing and reasonably anticipated water supply needs and sources, and to maximize the beneficial use of those sources, for humans and natural systems. This includes water supply assessments developed pursuant to section 373.036, F.S., and regional water supply plans developed pursuant to section 373.709 F.S. |
| Minimum Flows and Minimum Water Levels (MFL, 1.1.2) | The establishment of minimum surface and ground water levels and surface water flow conditions required to protect water resources from significant harm, as determined by the district governing board. |
| Research, Data Collection, Analysis and Monitoring (1.2) | Activities that support district water management planning, restoration, and preservation efforts, including water quality monitoring, data collection and evaluation, and research. Data collection and analysis activities are a critical part of the water resource development component implemented by the District. This activity supports the District's MFL program. |
| Water Resource Development Projects (2.2.1) | Regional projects designed to create, from traditional or alternative sources, an identifiable, quantifiable supply of water for existing and/or future reasonable-beneficial uses. These projects do not include the construction of facilities for water supply development, as defined in section 373.019(21), F.S.<br>Such projects may include the construction, operation, and maintenance of major public works facilities that provide for the augmentation of available surface and ground water supply or that create alternative sources of supply. Water resource development projects are to be identified in water management district regional water supply plans or district water management plans, as applicable. |
| Water Supply Development Assistance (2.2.2) | Financial assistance for regional or local water supply development projects. Such projects may include the construction of facilities included in the term "water supply development" as defined in section 373.019(26), F.S. |
| Other Cooperative Projects (2.4) | Any non-water source development cooperative effort under this program area between a water management district and another organization. This activity includes the District's Agricultural Conservation Cost-Share Program. |

*Table 2: Fiscal year 2024-2025 through Fiscal Year 2028-2029 projected expenditures (including salaries, benefits, and operating expenses) for ongoing water resource development activities. This table does not include items listed in Appendix A or B of this work program. Except as noted below, the table estimates future year expenditures based on recurring expenses.*

| Regional Water Activity | Fiscal Year 2024-2025 | Fiscal Year 2025-2026 | Fiscal Year 2026-2027 | Fiscal Year 2027-2028 | Fiscal Year 2028-2029 | Total |
|---|---|---|---|---|---|---|
| Water Supply Planning (1.1.1) | $723,889 | $723,889 | $723,889 | $723,889 | $723,889 | $3,619,445 |
| Minimum Flows and Minimum Water Levels (MFL, 1.1.2) | $1,923,910 | $1,923,910 | $1,923,910 | $1,923,910 | $1,923,910 | $9,619,550 |
| Research, Data Collection, Analysis and Monitoring (1.2) | $3,033,609 | $3,033,609 | $3,033,609 | $3,033,609 | $3,033,609 | $15,168,045 |
| Water Resource Development Projects (2.2.1) | $460,013 | $460,013 | $460,013 | $460,013 | $460,013 | $2,300,065 |
| Water Supply Development Assistance (2.2.2) | $170,173 | $170,173 | $170,173 | $170,173 | $170,173 | $850,865 |
| Other Cooperative Projects (2.4) | $343,065 | $343,065 | $343,065 | $343,065 | $343,065 | $1,715,325 |
| Total | $6,654,659 | $6,654,659 | $6,654,659 | $6,654,659 | $6,654,659 | $33,273,295 |

# Basin Management Action Plan Appendix

Basin Management Action Plans (BMAPs) are the “blueprint” for restoring impaired waters by reducing pollutant loadings to meet the allowable loadings established in a Total Maximum Daily Load (TMDL). In 2016, the Florida Legislature amended section 373.036, F.S., to require the identification of all specific projects that implement a BMAP or a recovery or prevention strategy in the Work Program. The District’s Work Program has historically identified water resource development projects that support MFL recovery and prevention but has not included specific descriptions of projects primarily intended to implement BMAPs. Consistent with section 373.036, F.S., and in a manner that has been coordinated with DEP and all five water management districts, the District makes available as part of this Work Program a five-year funding outlook for projects specifically identified in an adopted BMAP in Appendix B.

| DEP ID | District Project Number | Project Name | Project Type | Short Description | Project Status | Project End Date | RWSP Region Supported | Primary MFL Supported | MFL RPS Supported | Water Available upon Completion | Reuse Available upon Completion | FY2024-25 | Total Project Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRWS00031C | 7 | 2015 S0905 Springs Projects: Dairy Screen Separators 06-2586-7-2400-06-06 | Agricultural Conservation | Retrofit 18 screens and irrigation systems (Improved Nutrient Application in Dairy operations) with 9 local producers. | Underway | 12/31/2026 | SR NFRWSP | Lower Suwannee River | | 0.32 | 0 | $0.00 | $2,670,000.00 |
| SRWS00018B | 8 | 2016 Springs Projects LP6103C: Dairy Wastewater System Improvements 06-2586-7-2400-06-05 | Other Non-Traditional Source | Contract with local producers throughout SRWMD to implement new technology to improve wastewater systems, reduce nutrient impacts, and reduce ground water usage. | Complete | 6/3/2024 | SR NFRWSP | Lower Suwannee River | | 0.14 | 0 | $260,000.00 | $1,800,000.00 |
| SRWS00074A | 33 | District Cost-Share - Other Cooperative Projects Ag Cost Share 51-2586-7-2400-06-07 | Agricultural Conservation | Implement conservation water conservation and nutrient reduction cost-share projects to reduce groundwater pumping and nutrient loads. | Underway | 9/30/2026 | SR District-wide | Middle Suwannee River | | 6 | 0 | $500,000.00 | $8,750,000.00 |
| OT00145A | 52 | Hill Dam Breach analysis and permanent breach design (aka County Club Rd) | Flood Control Works | Evaluate options for an existing dam in Lake City to provide a permanent beach design. | Underway | 10/28/2024 | SR NFRWSP | Ichetucknee River | | 0 | 0 | $240,000.00 | $82,500.00 |
| SRWS00032A | 82 | Oakmont GRU Phase II (Recharge Wetland) | Reclaimed Water (for groundwater recharge or natural system) | Construct a recharge wetland in western Alachua County at the Oakmont subdivision, treating both reclaimed water and stormwater. | On Hold | | SR NFRWSP | Lower Santa Fe Ichetuckne e Rivers | LSFIR Recovery Strategy | 0 | 0 | $180,000.00 | $260,000.00 |
| SRWS00058A | 89 | Precision Agricultural Practices 06-2586-7-2400-18-01 LP6013K | Agricultural Conservation | Implement precision management technology through cost-share programs with priority given to producers within both the BMAP and Outstanding Florida Springs areas. | Underway | 6/30/2026 | SR NFRWSP | Lower Santa Fe Ichetuckne e Rivers | LSFIR Recovery Strategy | 2 | 0 | $1,000,000.00 | $6,250,000.00 |
| OT00141B | 97 | Starke Bypass Wetland Mitigation $4 M | Flood Control Works | Provide mitigation offsets for the Starke truck bypass route to mitigate construction wetland impacts. | Underway | 9/16/2099 | SR NFRWSP | Lower Santa Fe River | | 0 | 0 | $0.00 | $2,980,000.00 |
| SRWQ00152A | 102 | Sustainable Suwannee Ag Pilot Program - Advanced Technology 06-2586-7-2400-06-02 LP6103D | Agricultural Conservation | Implement a pilot program for agricultural operations in Basin Management Action Plan areas to improve water quality by removing and reducing nutrients. | Underway | 12/31/2026 | SR District-wide | | | 0 | 0 | $250,000.00 | $1,234,625.00 |

| DEP ID | District Project Number | Project Name | Project Type | Short Description | Project Status | Project End Date | RWSP Region Supported | Primary MFL Supported | MFL RPS Supported | Water Available upon Completion | Reuse Available upon Completion | FY2024-25 | Total Project Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | |
| SRWS00082A | 103 | Sustainable Suwannee Ag Pilot Program - Low Input | Agricultural Conservation | Implement a pilot program for agricultural operations, landowners, counties and cities, private companies, and other entities to submit proposals to reduce water use and improve water quality by reducing and removing nutrients. | Underway | 3/24/2029 | SR District-wide | Lower Suwannee River | | 5.1 | 0 | $300,000.00 | $6,500,000.00 |
| SRWS00126A | 210 | Springs Projects 2400 (See actual projects) | Other Project Type | PLACEHOLDER - Cumulative Spring Grants Projects for fiscal year pending approval of funding. | Underway | | SR District-wide | | | | | $500,000.00 | $4,580,000.00 |
| OT00162A | 211 | RIVER Cost Share 2300 Budget | Surface Water | PLACEHOLDER -Cumulative RIVER Grants Projects for fiscal year pending approval of funding. | Underway | | SR District-wide | | | | | $215,000.00 | $500,000.00 |
| SRWS00127A | 212 | Springs Projects 2300 (see actual projects) Surface Water Projects TBD | Surface Water | PLACEHOLDER - Cumulative Spring Grants Projects for fiscal year pending approval of funding. | Underway | | SR District-wide | | | | | $2,100,000.00 | $1,000,000.00 |
| SRWS00128A | 213 | Springs Projects 2201 (see actual projects) | Other Project Type | PLACEHOLDER - Cumulative Spring Grants Projects for fiscal year pending approval of funding. | Underway | | SR NFRWSP | | | | | $2,750,000.00 | $1,000,000.00 |
| OT00163A | 214 | RIVER Cost Share 2400 Budget | Other Project Type | PLACEHOLDER -Cumulative RIVER Grants Projects for fiscal year pending approval of funding. | Underway | | SR District-wide | | | | | $400,000.00 | $300,000.00 |
| SRWS00108B | 228 | Accelerating Suwannee River Restoration and Silviculture Management | Agricultural Conservation | Incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Santa Fe and Suwannee River Basin Management Action Plan areas. | Underway | 9/30/2025 | SR NFRWSP | Lower Santa Fe River | LSFIR Recovery Strategy | 3.03 | 0 | $750,000.00 | $2,378,736.00 |
| SRWS00145A | 240 | Bradford County Silviculture Enhancement & Recharge Project | Groundwater Recharge | Enhance opportunities for aquifer recharge for silvicultural lands and areas with surplus surface waters. Replacing two drainage wells near Lake Sampson will also be pursued as an opportunity for additional recharge in Bradford County. | Underway | 1/31/2026 | SR NFRWSP | Lower Santa Fe River | LSFIR Recovery Strategy | 3 | 0 | $1,250,000.00 | $2,000,000.00 |
| | 251 | Water Resource Development Projects TBD (Regional Projects) | Other Project Type | PLACEHOLDER -Cumulative Grants Projects for fiscal year pending approval of funding. | Underway | 10/1/2024 | SR NFRWSP | | | 0 | 0 | $200,000.00 | $200,000.00 |
| SRWS00155A | 253 | RIVER Cost Share 2202 Budget | PS and CII Conservation | PLACEHOLDER -Cumulative RIVER Grants Projects for fiscal year pending approval of funding. | Underway | | SR District-wide | | | 0 | 0 | $200,000.00 | $200,000.00 |

| DEP ID | District Project Number | Project Name | Project Type | Short Description | Project Status | Project End Date | RWSP Region Supported | Primary MFL Supported | MFL RPS Supported | Water Available upon Completion | Reuse Available upon Completion | FY2024-25 | Total Project Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRWS00147A | 255 | Hamilton County Aquifer Recharge Replacement Wells and Water Quality Improvement | Groundwater Recharge | Replace two 12-inch drainage wells to provide aquifer recharge and flood protection in the Alapaha Basin. | RWSP or RPS Option Only | 6/30/2027 | SR NFRWSP | Lower Suwannee River | | 2 | 0 | $500,000.00 | $700,000.00 |
| SRWQ00160A | 256 | Acquisition DEP Grants - Springs Restoration | Other Project Type | PLACEHOLDER -Cumulative Springs Grants for fiscal year land acquisition pending approval of funding. | Underway | | SR District-wide | | | | 0 | $5,000,000.00 | $4,400,000.00 |
| OT00165A | 258 | Lower Suwannee National Wildlife Refuge | Data Collection and Evaluation | Hydrologic Restoration using RESTORE funding to protect the Lower Suwannee National Refuge. | Complete | 6/30/2022 | SR District outside NFRWSP | Lower Suwannee River | | | 0 | $0.00 | $0.00 |
| | 259 | Special Projects WRD | Other Project Type | PLACEHOLDER -Cumulative Water Resource Development Projects for fiscal year pending approval of funding. | RWSP or RPS Option Only | | SR District-wide | | | | 0 | $300,000.00 | $100,000.00 |
| | 282 | University Oaks Phase IV | PS and CII Conservation | Design, permitting, and construction of approximately 5,250 LF of 6" watermain to replace deteriorated existing infrastructure and conserve water. | Design | 6/1/2025 | SR District outside NFRWSP | Wacassassa River | | 0.015 | 0 | $300,000.00 | $316,670.00 |
| SRWS00142A | 291 | Dixie County Multiple Basin Aquifer Recharge (MBAR) | Groundwater Recharge | Design and construct a wetland restoration system in Dixie County to re-establish natural drainage patterns and funnel excess surface water to new and existing recharge features. | Underway | 10/31/2027 | SR District outside NFRWSP | Lower Suwannee River | | 1.1 | 0 | $1,500,000.00 | $5,942,213.43 |
| SRWS00129B | 293 | Groundwater Recharge Wetland | Reclaimed Water (for groundwater recharge or natural system) | Construct a groundwater recharge wetland using reclaimed water from the Kanapaha Water Reclamation facility. | Design | 6/30/2027 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 3 | 1.5 | $0.00 | $4,000,000.00 |
| SRWS00141A | 296 | Lake Butler AWT Upgrade Ph 1 and Ph 2 | Reclaimed Water (for potable offset) | Completing a feasibility study, design, and permitting for construction of an advanced water treatment facility, storage surge tank, and wetland that will ultimately be used to construct a new 1.0 MGD facility for City of Lake Butler. | Design | 6/30/2028 | SR NFRWSP | Lower Santa Fe River | LSFIR Recovery Strategy | 0 | 0 | $0.00 | $3,792,278.19 |
| SRWS00031E | 300 | AWS Pivot Retrofits WS002 03-2586-7-2201-37-00 | Agricultural Conservation | Retrofit pivot systems with a need determined by a mobile irrigation lab evaluation in existing and proposed water resource planning areas. | Underway | 6/30/2025 | SR District-wide | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 1.1 | 0 | $500,000.00 | $1,600,500.00 |
| SRWS00140A | 303 | Public Supply Efficiency Improvements | PS and CII Conservation | Implement infrastructure and conservation improvements in SRWMD to reduce water loss based on water audit information. | Underway | 4/30/2025 | SR District-wide | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 1.4 | 0 | $150,000.00 | $1,519,727.75 |
| SRWS00156A | 304 | Alternative Water Supply Feasibility Studies | Data Collection and Evaluation (e.g., funding spent on specific feasibility studies, etc.) | Conduct AWTF analysis and feasibility studies including treatment wetlands and reclaimed water alternatives. | Underway | 12/30/2025 | SR District-wide | Lower Santa Fe Ichetucknee | LSFIR Recovery Strategy | | 0 | $150,000.00 | $700,000.00 |

| DEP ID | District Project Number | Project Name | Project Type | Short Description | Project Status | Project End Date | RWSP Region Supported | Primary MFL Supported | MFL RPS Supported | Water Available upon Completion | Reuse Available upon Completion | FY2024-25 | Total Project Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 311 | Mallory Swamp | Data Collection and Evaluation | Conduct data collection and model existing surface water structures in Mallory Swamp tract to develop a management plan | Underway | 12/31/2024 | SR District outside NFRWSP | Lower Suwannee River | | | 0 | $50,000.00 | $1,548,000.00 |
| | 314 | AWS Grants - 2201 TBD | Reclaimed Water (for potable offset) | PLACEHOLDER - Cumulative Alternative Water Supply Projects for fiscal year pending approval of funding. | Underway | | SR NFRWSP | | | | 0 | $4,500,000.00 | $1,350,000.00 |
| | 315 | Special Projects 2300 | Surface Water | PLACEHOLDER - Cumulative Water Resource development and Alternative Water Supply Projects for fiscal year pending approval of funding | RWSP or RPS Option Only | | SR District-wide | | | | 0 | $400,000.00 | $400,000.00 |
| | 318 | AWS Grants - 2300 TBD | Reclaimed Water (for groundwater recharge or natural system) | PLACEHOLDER - Cumulative Alternative Water Supply Projects for fiscal year pending approval of funding. | Underway | | SR District-wide | | | | 0 | $2,000,000.00 | $2,500,000.00 |
| | 328 | AWS Contractual Services - TBD | Data Collection and Evaluation | Implement a study to evaluate and purchase property near Lake Crosby for potential nutrient and recharge project potential. | On Hold | | SR NFRWSP | Upper Santa Fe River | | | 0 | $0.00 | $25,000.00 |
| | 339 | Ag Team Activities/District Cost Share - SRP Shared Positions | Data Collection and Evaluation | PLACEHOLDER -Cumulative budget to provide for shared positions. | Underway | | SR District-wide | | | 0 | 0 | $568,500.00 | $217,000.00 |
| | 354 | Hampton Water Main Loop Phase 2 | PS and CII Conservation | Construct water main loops and isolation valves in Hampton's water supply to reduce water loss caused by flushing and water main breaks. | Complete | 7/30/2023 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 0.003 | 0 | $0.00 | $256,583.88 |
| | 365 | Dispersed Storage for Recharge and Alternative Water Supply | Stormwater | Identify storage areas for recharge and alternative water supply in the NFRWSP area. | Design | 6/30/2027 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 3 | 0 | $500,000.00 | $2,100,000.00 |
| | 366 | Eco System Services | Agricultural Conservation | Program to identify and incentivize silviculture and Land management practices to increase aquifer recharge in the NFRWSP. | Design | 9/30/2037 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 3 | 0 | $200,000.00 | $2,000,000.00 |
| | 374 | Cooperative Aquifer Recharge | Data Collection and Evaluation | Identify recharge locations based on water quality and quantity in the Upper Suwannee River to support the MFLs . | Complete | 10/31/2024 | SR District outside NFRWSP | Lower Suwannee River | | 0 | 0 | $0.00 | $126,191.00 |
| | 377 | Groundwater Recharge Wetland - Ph III | Reclaimed Water (for groundwater recharge or natural system) | Construction of a groundwater recharge wetland using reclaimed water from the Kanapaha Water Reclamation facility. | Cancelled | | SR NFRWSP | Lower Santa Fe River | | 0 | 3 | $3,000,000.00 | $4,600,000.00 |

| DEP ID | District Project Number | Project Name | Project Type | Short Description | Project Status | Project End Date | RWSP Region Supported | Primary MFL Supported | MFL RPS Supported | Water Available upon Completion | Reuse Available upon Completion | FY2024-25 | Total Project Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRWS00151B | 1729 | Live Oak Reuse | Reclaimed Water (for potable offset) | Construct extensions to the Live Oak wastewater collection infrastructure and remove septics tanks which will provide additional reuse and reduce nutrient impacts. | Underway | 6/30/2027 | SR NFRWSP | Lower Suwannee River | | 0 | 0.01 | $4,650,000.00 | $0.00 |
| | 1878 | Stormwater Runoff Collection in Mayo | Stormwater | Construct a stormwater pond to reduce flooding impacts and overflow into the sanitary sewer system. | Complete | 3/28/2023 | SR District outside NFRWSP | Lower Suwannee River | | 0 | 0 | $0.00 | $115,236.00 |
| SRWS00162A | 2090 | Lancaster Correctional Facility expansion | Reclaimed Water (for groundwater recharge or natural system) | Extend a force main from Lancaster Correctional to Fanning's WWTF to reduce nutrients and provide recharge. | Design | 12/30/2026 | SR NFRWSP | Lower Suwannee River | | 0 | 0.028 | $2,300,000.00 | $2,702,300.00 |
| SRWS00159A | 2093 | Graham Farm Acquisition WSA06 | Other Project Type | Fee Simple land acquisition of 441 acres to reduce nutrient loading adjacent to Olustee Creek and the Santa Fe River | Design | 12/31/2026 | SR NFRWSP | Lower Santa Fe River | LSFIR Recovery Strategy | 0.28994 | 0 | $900,000.00 | $1,681,700.00 |
| SRWS00160A | 2101 | North Florida Mega Industrial Park | Reclaimed Water (for potable offset) | Retrofit proposed WWTF to meet AWT for future Public Access Reuse (PAR) to reduce groundwater pumping. | Construction | 8/30/2025 | SR NFRWSP | Ichetucknee River | LSFIR Recovery Strategy | 0 | 0.25 | $3,500,000.00 | $28,759,615.00 |
| | 2444 | Haines Street Drainage Improvements | Groundwater Recharge | Replacement of drainage well to include stormwater management and water quality treatment to reduce nutrients. | Construction /Underway | 12/30/2024 | SR NFRWSP | Middle Suwannee River | | 0.02 | 0 | $247,314.00 | $301,724.00 |
| | 2668 | Lawtey Water Main Replacements | PS and CII Conservation | Water main replacement in Lawtey to reduce water loss in a water resource caution area, contingent upon SRF funding. | Design | 7/30/2026 | SR NFRWSP | Lower Santa Fe River | LSFIR Recovery Strategy | 0.02 | 0 | $400,000.00 | $2,731,000.00 |
| | 2669 | DH/DHR Water Sharing Project | Reclaimed Water (for potable offset) | Reduce groundwater pumping by connecting a shared water system at the GRU power plants to conserve 0.2 mgd. | Complete | 6/25/2024 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 0.2 | 0 | $0.00 | $1,855,239.31 |
| | 2671 | Reducing Impacts from Urban Landscapes (Water-wise | PS and CII Conservation | Reduction of fertilizer and water use in landscape irrigation in the NFRWSP area. | Construction /Underway | 3/30/2026 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 0.07 | 0 | $150,000.00 | $440,000.00 |
| | 2673 | Piedmont Dairy Conversion | Agricultural Conservation | Conversion from grazing to free-stall barns to reduce nutrients and water pumping in the SUWA BMAP. | Complete | 5/8/2024 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 0.45 | 0 | $100,000.00 | $5,589,500.00 |
| | 2680 | Archer Water Systems Improvement Project | PS and CII Conservation | Replacement of aging infrastructure to reduce water loss in the NFRWSP area. | Design | 2/28/2027 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 0.002 | 0 | $600,000.00 | $4,828,132.00 |
| | 2760 | Agricultural Springs Protection | Agricultural Conservation | District wide cost share to reduce nutrient load and water usage in BMAP and WRCA. | Underway | 4/30/2027 | SR District-wide | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 2 | 0 | $1,250,000.00 | $7,500,000.00 |
| | 2772 | Houston Avenue Drainage Well Replacement | Stormwater | Replace 50 year old drainage well to reduce flooding and provide beneficial recharge with nutrient reduction. | Construction /Underway | 10/1/2024 | SR NFRWSP | Lower Suwannee River | | 0.2 | 0 | $50,000.00 | $219,926.00 |
| | 2776 | Oakmont Reclaimed Water Extension, Phase 5b | PS and CII Conservation | Extend reclaimed water to Phase 5b in Oakmont Subdivision to offset groundwater withdrawals for irrigation. | Complete | 9/30/2023 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 0 | 0.01 | $0.00 | $166,750.00 |

| DEP ID | District Project Number | Project Name | Project Type | Short Description | Project Status | Project End Date | RWSP Region Supported | Primary MFL Supported | MFL RPS Supported | Water Available upon Completion | Reuse Available upon Completion | FY2024-25 | Total Project Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2777 | Greenville Water System Filter Project | PS and CII Conservation | Replace aged filter system in Greenville's Public Water Supply to ensure potable water meets drinking water standards. | On Hold | 1/30/2025 | SR District outside NFRWSP | Aucilla River | | 0.002 | 0 | $150,000.00 | $752,330.00 |
| | 2967 | Commercial application of Smart Soakers | Agricultural Conservation | Conduct a study to evaluate water conservation using smart soakers and conventional cooling to reduce water pumping. | Construction /Underway | 1/30/2025 | SR District outside NFRWSP | Lower Suwannee River | LSFIR Recovery Strategy | 0.04 | 0 | $0.00 | $489,882.00 |
| | 3033 | Hampton AMR water meter installation | PS and CII Conservation | Installation of AMR meters to reduce water loss in the NFRWSP area. | Complete | 6/30/2024 | SR NFRWSP | Lower Santa Fe Ichetucknee Rivers | LSFIR Recovery Strategy | 0.008 | 0 | $0.00 | $175,000.00 |

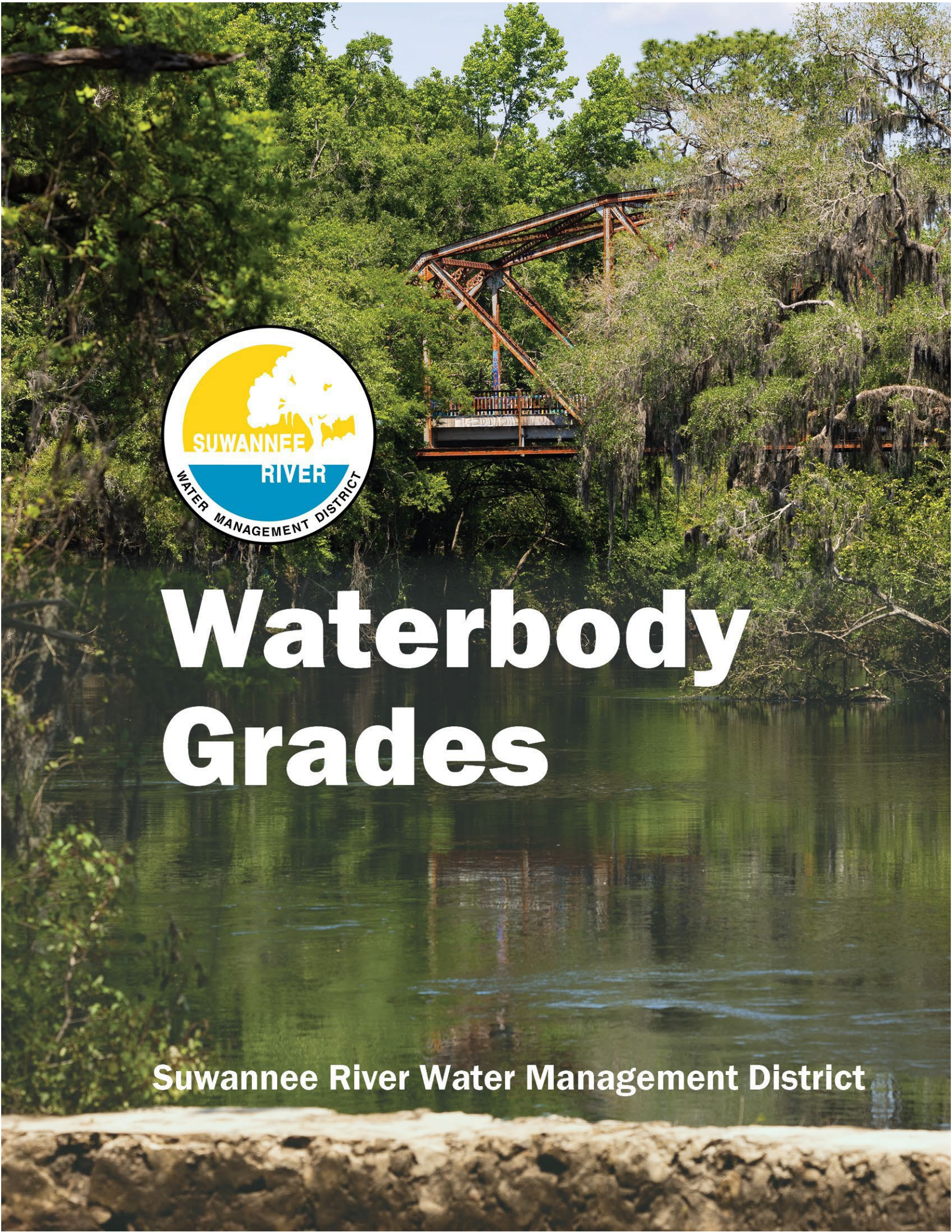
| DEP Project ID | BMAP | Lead Entity | DEP Project Number | Project Name | Project Description | District Project Number | Project Status | TN Reduction (lbs/yr) | Acres Treated | Total State Funding | Total District Funding | Lead Entity Match | Project Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5450 | WACI | SRWMD | SRWMD-07 | Fertigation | Fertigating allows the producer to split up the application of fertilizer needed to grow a crop over the entire length of a growing season. | 4 | Completed | 4,115 | 381.00 | $25,875.00 | $7,875.00 | $11,250.00 | $45,000.00 |
| 6037 | SUWA | SRWMD | SRWMD-02 | Advanced Nutrient Management Through Center Pivots | Fertigation system installation and center pivot retrofits. | 4 | Underway | 58,574 | 17,883.00 | $460,908.00 | $33,150.00 | $192,791.00 | $686,849.00 |
| 6567 | WACI | SRWMD | SRWMD-11 | Fertigation | Fertigating allows the producer to split up the application of fertilizer needed to grow a crop over the entire length of a growing season. | 4 | Completed | 65 | 36.00 | $9,000.00 | $0.00 | $3,000.00 | $12,000.00 |
| 2101 | SAFE | SRWMD | SRWMD-02 | Improved Nutrient Application Practices in Dairy Operations - Phase 2 | To date, 9 agreements with dairies to install screen separators to reduce wastewater solids. 1 agreement with a dairy in the Santa Fe Basin. DEP has allocated $2,120,000 for districtwide program. Load reduction to land estimate of 1,485 lb-N/yr. to date | 7 | Underway | 200 | 0.00 | $309,600.00 | $0.00 | $1,196,991.40 | $1,506,591.40 |
| 5449 | WACI | SRWMD | SRWMD-06 | Dairy Screen Separators | Connect two pivots to the Jeffco Dairy's wastewater system and retrofit three irrigation systems to low-pressure drop nozzle sprinklers. The project will offset groundwater use with a lower quality water source and allow for better use of nutrients. | 7 | Completed | 575 | 300.00 | $46,520.00 | $0.00 | $15,507.00 | $62,027.00 |
| 6038 | SUWA | SRWMD | SRWMD-03 | Improved Nutrient Application Practices in Dairy Operations - Phase 2 | To date, nine agreements with dairies to install screen separators to reduce wastewater solids. | 7 | Underway | 40,520 | 500.00 | $629,451.00 | $148,665.00 | $335,567.00 | $1,113,683.00 |
| 2102 | SAFE | SRWMD | SRWMD-03 | Dairy Wastewater System Improvement | Cost-share projects with dairies to invest in advanced treatment technologies (bioreactors), additional wastewater storage, and advanced manure solid separation. Canceled because project location was determined to be outside the basin. | 8 | Canceled | 0 | 0.00 | $0.00 | $0.00 | $0.00 | $0.00 |
| 6039 | SUWA | SRWMD | SRWMD-04 | Dairy Wastewater System Improvement | Cost-share projects with dairies to invest in advanced treatment technologies (bioreactors), additional wastewater storage, and advanced manure solid separation. | 8 | Underway | 4,265 | 400.00 | $430,150.00 | $0.00 | $157,345.00 | $587,495.00 |

| DEP Project ID | BMAP | Lead Entity | DEP Project Number | Project Name | Project Description | District Project Number | Project Status | TN Reduction (lbs/yr) | Acres Treated | Total State Funding | Total District Funding | Lead Entity Match | Project Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6608 | WACI | SRWMD | SRWMD-10 | District Cost Share | Best Management Practices cost share including but not limited to soil moisture probes, irrigation retrofits or upgrades, alternative water supply, centralized control systems not covered under DEP grants. | 33 | Underway | 913 | 116.00 | $0.00 | $7,520.00 | $630.00 | $8,150.00 |
| 7023 | SAFE | SRWMD | SRWMD-27 | District Cost Share | Best Management Practices cost share including but not limited to soil moisture probes, irrigation retrofits or upgrades, alternative water supply, centralized control systems not covered under DEP grants. Reflects contracts completed through 2023. | 33 | Completed | 26,092 | 7,670.00 | $0.00 | $743,264.00 | $63,885.00 | $807,149.00 |
| 7095 | SUWA | SRWMD | SRWMD-20 | District Cost-Share | Agricultural Cost-share program to reduce impacts from nutrients and reduce groundwater pumping. Contracts completed through 2023. | 33 | Completed | 17,236 | 4,360.00 | $0.00 | $570,276.00 | $213,724.00 | $784,000.00 |
| 2099 | SAFE | GRU | GRU-03 | Oakmont Recharge Wetland | Construct a recharge wetland in an existing stormwater retention basin that will reduce nutrients while recharging aquifer. Canceled in 2019. Scope has changed - GRU looking into feasibility of new project for a large constructed infiltrating wetland. | 82 | Canceled | 0 | NA | $0.00 | $0.00 | $0.00 | $0.00 |
| 2107 | SAFE | SRWMD | SRWMD-08 | Precision Agricultural Practices | Provide cost-share funds to agricultural producers to implement precision nutrient and irrigation management technology. Districtwide program benefits split between Santa Fe and Suwannee BMAPs. Reflects contracts completed through 2023. | 89 | Completed | 36,372 | 12,369.00 | $178,456.00 | $0.00 | $58,463.17 | $236,919.17 |
| 4565 | SAFE | SRWMD | SRWMD-10 | Precision Ag 2 | Provide cost share funds to agricultural producers within the PFA and BMAP to reduce nutrients and conserve water. | 89 | Underway | 0 | 1,595.00 | $750,000.00 | $0.00 | $250,000.00 | $1,000,000.00 |
| 5452 | WACI | SRWMD | SRWMD-09 | Precision Ag | Implementation of soil type mapping, soil and tissue sampling, aerial imagery and banding equipment to reduce fertilizer and lime application on farms. | 89 | Underway | 6,060 | 808.00 | $51,175.00 | $0.00 | $19,060.00 | $70,235.00 |

| DEP Project ID | BMAP | Lead Entity | DEP Project Number | Project Name | Project Description | District Project Number | Project Status | TN Reduction (lbs/yr) | Acres Treated | Total State Funding | Total District Funding | Lead Entity Match | Project Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6044 | SUWA | SRWMD | SRWMD-09 | Precision Agricultural Practices | Provide cost-share funds to agricultural producers within the BMAP area to implement precision nutrient and irrigation management technology. Reflects contracts completed through 2023. | 89 | Completed | 344,939 | 59,956.00 | $806,089.00 | $0.00 | $303,305.00 | $1,109,394.00 |
| 7022 | SAFE | SRWMD | SRWMD-26 | Fertigation | Fertigating allows the producer to split up the application of fertilizer needed to grow a crop over the entire length of a growing season. Reflect contracts completed through 2023. | 89 | Completed | 1,375 | 709.00 | $121,958.00 | $0.00 | $48,424.00 | $170,382.00 |
| 2092 | SAFE | SRWMD | SRWMD-06 | Sustainable Suwannee Springs Agriculture Pilot Program - Advanced Water Quality Improvement Technologies | Agriculture operators, landowners, local governments, private companies, other entities may submit proposals for advanced technologies that can cost-effectively reduce nitrogen in groundwater that contributes to spring flow. 1 completed. | 102 | Underway | 1,832 | 0.00 | $414,825.00 | $0.00 | $217,308.00 | $632,133.00 |
| 2103 | SAFE | SRWMD | SRWMD-05 | Sustainable Suwannee Springs Agriculture Pilot Program - Low Input Agriculture | Operators submit proposals for less intensive cropping, changing the type, or changing fallow or native landscape land use for a certain amount of time or a permanent conservation easement. Load reduction to land estimate of 187,500 lb-N/yr. | 103 | Underway | 33,845 | 7,550.00 | $610.00 | $0.00 | $0.00 | $610.00 |
| 6041 | SUWA | SRWMD | SRWMD-06 | Sustainable Suwannee Springs Agriculture Pilot Program - Low Input Agriculture | Agriculture operators are invited to submit proposals to transition to less intensive cropping systems, type of cropping system, or land use to fallow or native landscape for a certain amount of time or a permanent conservation easement. | 103 | Underway | 539 | 319.00 | $287,097.30 | $0.00 | $4,365.00 | $291,462.30 |
| 4566 | SAFE | SRWMD | SRWMD-11 | Accelerating Suwannee River Restoration and Silviculture Management | Incentivize silviculture and rural land conservation to reduce groundwater pumping and nitrogen loading in the Middle Suwannee springshed and Ichetucknee River. | 228 | Planned | 0 | 10,000.00 | $1,878,736.00 | $0.00 | $500,000.00 | $2,378,736.00 |
| 5472 | SAFE | SRWMD | SRWMD-15 | Gilchrist NE 2nd Way Park | Stormwater improvements and bank stabilization. | 273 | Underway | 0 | 0.77 | $167,974.00 | $143,970.00 | $4,500.00 | $316,444.00 |

| DEP Project ID | BMAP | Lead Entity | DEP Project Number | Project Name | Project Description | District Project Number | Project Status | TN Reduction (lbs/yr) | Acres Treated | Total State Funding | Total District Funding | Lead Entity Match | Project Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6300 | SAFE | GRU | GRU-04 | S.W. Nature Park, Groundwater Recharge Wetland | Create a 75-acre groundwater recharge wetland park that will receive 3 MGD of reclaimed water. The wetland will reduce nutrients in the water while simultaneously recharging the aquifer. The recharge will help support flows at the Santa Fe River. | 293 | Underway | 0 | 75.00 | $1,500,000.00 | $0.00 | $1,500,000.00 | $3,000,000.00 |
| 5475 | SAFE | SRWMD | SRWMD-18 | Lake Butler AWT Upgrade Phases 1-3 | Advanced wastewater treatment facility and created wetland to be constructed in three phases. | 296 | Underway | 2,988 | 0.00 | $3,400,000.00 | $0.00 | $0.00 | $3,400,000.00 |
| 6609 | WACI | SRWMD | SRWMD-12 | AWS Pivot Retrofits | AWS Pivot retrofits | 300 | Underway | 2 | 112.00 | $9,900.00 | $0.00 | $4,155.00 | $14,055.00 |
| 7079 | SUWA | SRWMD | SRWMD-22 | AWS Pivot Retrofits | AWS Pivot retrofits through 2023. | 300 | Completed | 329 | 1,478.00 | $1,075,665.00 | $0.00 | $181,152.00 | $1,256,817.00 |
| 7084 | SAFE | SRWMD | SRWMD-28 | AWS Pivot Retrofits | AWS Pivot retrofits completed through 2023. | 300 | Completed | 134 | 422.00 | $192,646.00 | $0.00 | $75,741.00 | $268,387.00 |
| 5798 | SAFE | SRWMD | SRWMD-21 | Wastewater Feasibility Studies | Conduct analysis for using reclaimed water including treatment wetlands. | 304 | Underway | 0 | 0.00 | $700,000.00 | $0.00 | $0.00 | $700,000.00 |
| 6017 | SUWA | City of Live Oak | LO-06 | 2nd St. and Evelyn Ave. Wastewater System Extensions, Phase 1 | Extend the City's wastewater collection system to serve approximately 30 homes. | 1729 | Underway | 325 | 0.00 | $3,095,000.00 | $0.00 | $0.00 | $3,095,000.00 |
| 6645 | SUWA | City of Live Oak | LO-07 | Live Oak Septic to Sewer & Reuse | The City of Live Oak will construct extensions to a gravity sewer system and pump station to remove approx. 60 residential and 3 commercial existing septic systems. The project will benefit the Suwannee River BMAP and PFA by reduction in nutrients. | 1729 | Underway | 634 | 4,883.00 | $3,095,000.00 | $0.00 | $0.00 | $3,095,000.00 |

| DEP Project ID | BMAP | Lead Entity | DEP Project Number | Project Name | Project Description | District Project Number | Project Status | TN Reduction (lbs/yr) | Acres Treated | Total State Funding | Total District Funding | Lead Entity Match | Project Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6632 | SUWA | City of Fanning Springs | FS-05 | WW Sys. Ext., Phase VII, Lancaster Correctional Facility and Aquifer Recharge | FDC Lancaster Correctional Institution operates a package type wastewater treatment plant that does not meet AWT standards. This project would construct 22,000 LF of wastewater force main to convey the facility's wastewater to Fanning Springs' AWT WWTF. | 2090 | Underway | 0 | 340.00 | $2,900,000.00 | $0.00 | $0.00 | $2,900,000.00 |
| 6677 | SAFE | SRWMD | SRWMD-23 | Graham Farm Land Acquisition | Fee simple acquisition of approximately 441 acres adjacent to 1.3 miles of Olustee Creek. Land use change from grazing (233 Ac) and row crop (172 Ac.) to long leaf pine. Includes 21 Ac wetland. | 2093 | Planned | 0 | 441.00 | $900,000.00 | $0.00 | $781,700.00 | $1,681,700.00 |
| 6678 | SAFE | SRWMD | SRWMD-24 | North Florida Mega Industrial Park | Upgrade the WWTF to meet Advanced Waste treatment (AWT) and Public Access Reuse (PAR). | 2101 | Underway | 0 | 0.00 | $6,379,615.00 | $0.00 | $1,200,000.00 | $7,579,615.00 |
| 6679 | SUWA | SRWMD | SRWMD-19 | Piedmont Dairy Freestall Conversion | Construction of freestall barns to collect and process 100% of the manure in the waste management system prior to application on forage crops. | 2673 | Completed | 0 | 0.00 | $1,511,149.00 | $0.00 | $1,569,060.00 | $3,080,209.00 |
| 6694 | SAFE | SRWMD | SRWMD-25 | Agricultural Springs Protection | Cost-share program for producers to implement practices to reduce nutrient impacts and groundwater pumping. Focus on BMAPs, PFA, and water supply planning areas. Treated acres will be updated as work progresses. $6 M funding is District wide. | 2760 | Underway | 2,296 | 441.00 | $61,777.00 | $0.00 | $7,482.00 | $69,259.00 |
| 7078 | SUWA | SRWMD | SRWMD-21 | Agricultural Springs Protection | Cost-share program for producers to implement practices to reduce nutrient impacts and groundwater pumping. Focus on BMAPs, PFA, and water supply planning areas. Reflects contracts through 2023. $6 M funding is District wide. | 2760 | Underway | 11,885 | 2,286.00 | $740,885.00 | $0.00 | $147,027.00 | $887,912.00 |




# Waterbody Grades

Suwannee River Water Management District

# Introduction

Section 373.036(7)(b)9., F.S., provides that the Consolidated Annual Report shall contain a "grade for each watershed, water body, or water segment in which a project listed under subparagraph 8. is located representing the level of impairment and violations of adopted minimum flow or minimum water levels. The grading system must reflect the severity of the impairment of the watershed, water body, or water segment."

Table 1 lists the projects contained within the Five-year Water Resource Development Work Plan, the watershed, water body, or water segment the project impacts, and a grade for two items: 1) the water quality level of impairment and 2) the level of violation of a minimum flow or minimum water level.

## Level of Impairment Grade

The Level of Impairment grade is represented as follows:

Impaired—High: This grade is assigned if the waterbody is impaired for one or more parameters other than mercury and based on a consideration of other factors, including the number of impairments, the presence of Outstanding Florida Waters, the proximity to ongoing or planned restoration activities, the ecological priority of the water for endangered and threatened species, environmental justice concerns, the amount of anthropogenic land use, and local aquifer vulnerability.

Impaired: This grade is assigned if the waterbody is impaired for one or more parameters other than mercury.

Not impaired: This grade is assigned if the waterbody is not impaired for any parameters other than mercury.

The FDEP provided the impairment grades based upon Total Maximum Daily Loads (TMDL) based Water Body IDs (WBIDs). Projects that impact a specific WBID were identified in Table 1 for that WBID. As an example, a project that replaced disposal of treated wastewater in a spray field or Rapid Infiltration Basin (RIB) with beneficial use of reclaimed water utilized the impairment grade associated with the WBID where the spray field or RIB were originally located. It is important to note that projects contained within a Water Resource Development Work Program are focused on water use/conservation with the exception of the projects contained in Appendix B – District Projects for Implementing Basin Management Action Plans.

## The Level of Violation of Adopted MFL is represented as follows:

The waterbody was evaluated based on the relative magnitude of the MFL violation and rated as close, moderately close, or not close to meeting the MFL. In evaluating this element, the Districts considered the magnitude of the variance from the MFL, the magnitude of the ecological impact, the timeframe for recovery, and the timeframe for completion of the projects.

The waterbody was also evaluated based on the regional significance of the water body and rated as Tier 1, Tier 2 or Tier 3 with Tier 1 being the highest rating for regional significance and Tier 3 being the lowest rating. In evaluating this element, the Districts considered the waterbody's size and geographical extent, ecological importance, recreational uses, navigation, threatened/endangered species, wildlife utilization, aesthetics, and historical and archeological significance.

*Meeting:* This grade is assigned for any MFL that was determined to be meeting its MFL at the time of its adoption or during its last status evaluation.

*Level 0:* This grade is assigned if the waterbody is meeting the MFL but is projected to not meet the MFL within 20 years (that is, the waterbody is in prevention).

*Level I:* This grade is assigned if the waterbody is close to meeting the MFL and the waterbody is rated as a Tier 3 or Tier 2 for regional significance; or the waterbody is moderately close to meeting the MFL and the waterbody is rated a Tier 3 for regional significance

*Level II:* This grade is assigned if the waterbody is close to meeting the MFL and the waterbody is rated a Tier 1 for regional significance; or the waterbody is moderately close to meeting the MFL and the waterbody is rated a Tier 2 for regional significance; or the waterbody is not close to meeting the MFL and the waterbody is rated a Tier 3 for regional significance.

*Level III:* This grade is assigned if the waterbody is moderately close to meeting the MFL and the waterbody is rated a Tier 1 for regional significance; or the waterbody is not close to meeting the MFL and the waterbody is rated a Tier 2 or Tier 1 for regional significance.

| Project Name | MFL Supported | Quantity Grade | WaterBody benefited | WBID | Grade |
|---|---|---|---|---|---|
| Edwards Bottomlands Wetland Mitigation - Planting | NA | NA | Alligator Creek | 3598C | Impaired - High |
| Hill Dam Breach analysis and permanent breach design (aka County Club Rd) | Ichetucknee River | Level III | Alligator Lake Outlet, Alligator Lake | 3516 | Not Impaired |
| Oakmont GRU Phase II (Recharge Wetland) | Lower Santa Fe Ichetucknee Rivers | Level III | UFA, Santa Fe River | 2692 | Not Impaired |
| Starke Bypass Wetland Mitigation $4 M | NA | NA | Alligator Creek | 3598C | Impaired - High |
| Accelerating Suwannee River Restoration and Silviculture Management | Lower Santa Fe River | Level III | Lower Santa Fe | 3675 | Not Impaired |
| Hamilton County Aquifer Recharge Replacement Wells and Water Quality Improvement | Lower Suwannee River | Meeting | UFA, Tiger Creek | 3358 | Not Impaired |
| Acquisition DEP Grants - Springs Restoration | NA | NA | | 3713 | Not Impaired |
| Gilchrist NE 2nd Way Park | NA | NA | Santa Fe River | 3605B | Impaired - High |
| University Oaks Phase IV | Wacassassa River | Meeting | UFA, Unnamed Slough | 3712 | Not Impaired |
| Southern St Lift Station Replacement (Jennings) | NA | NA | Turket Creek, Alapaha River | 3331 | Not Impaired |
| Groundwater Recharge Wetland | Lower Santa Fe Ichetucknee Rivers | Level III | UFA | 2692 | Not Impaired |
| Lake Butler AWT Upgrade Ph 1 and Ph 2 | Lower Santa Fe River | Level III | Five Mile Creek, Santa Fe | 3578 | Impaired |
| Mallory Swamp | Lower Suwannee River | Meeting | Mallory Swamp, Suwannee River | 3684 | Not Impaired |
| AWS Contractual Services - TBD | Lower Santa Fe River | Level III | Lake Crosby | 3593 | Not Impaired |
| Sustainable Suwannee Nutrient Mitigation Project (Dairy Farm Pollutant Pilot Program GR1605B) | NA | NA | UFA | 3422B | Impaired - High |
| Hampton Water Main Loop Phase 2 | Lower Santa Fe Ichetucknee Rivers | Level III | UFA, Hampton Ditch | 3633 | Not Impaired |
| Live Oak Reuse | Lower Suwannee River | Meeting | Tenmile Hollow | 3438 | Not Impaired |
| Live Oak Reuse | Lower Suwannee River | Meeting | Tenmile Hollow | 3438 | Not Impaired |
| Stormwater Runoff Collection in Mayo | Lower Suwannee River | Meeting | Suwannee River | 3422B | Impaired - High |

| Project Name | MFL Supported | Quantity Grade | WaterBody benefited | WBID | Grade |
|---|---|---|---|---|---|
| Lancaster Correctional Facility expansion | Lower Suwannee River | Meeting | Fanning Spring | 3422A | Impaired - High |
| Graham Farm Acquisition WSA06 | Lower Santa Fe River | Level III | Olustee Creek | 3504A | Not Impaired |
| North Florida Mega Industrial Park | Ichetucknee River | Level III | Santa Fe, Ichetucknee Rivers | 3513 | Not Impaired |
| Haines Street Drainage Improvements | Lower Suwannee River | Meeting | UFA, Tenmile Hollow | 3438 | Not Impaired |
| Lawtey Water Main Replacements | Lower Santa Fe River | Level III | Upper Santa Fe River | 3549 | Not Impaired |
| Precision Ag | Aucilla River | Meeting | HIXTOWN SWAMP | 3369; 3417 | Not Impaired |
| Precision Ag | Lower Suwannee | Meeting | SUWANNEE RIVER (LOWER SEGMENT) | 3422A | Impaired - High |
| Precision Ag | Lower Suwannee | Meeting | UNNAMED SLOUGH | 3679; 3708 | Not Impaired |
| Precision Ag | Lower Suwannee River | Meeting | PEACOCK SPRINGS | 3483 | Impaired |
| Precision Ag | Lower Santa Fe River | Level III | SANTA FE RIVER | 3605A;3605C | Impaired - High |
| Precision Ag | NA | NA | SUWANNEE RIVER (UPPER SEGMENT) | 3341 | Impaired |
| Precision Ag | NA | NA | UNNAMED SLOUGH | 3336 | Not Impaired |
| Precision Ag | NA | NA | LITTLE WACCASASSA RIVER | 3747 | Impaired |
| Precision Ag | NA | NA | WITHLACOOCHEE RIVER ABOVE SUWANNEE CONFLUENCE | 3315; 3366 | Impaired |
| District Cost-share | Aucilla River | Meeting | SUNDOWN CREEK | 3417 | Not Impaired |
| District Cost-share | NA | NA | SUWANNEE RIVER (LOWER SEGMENT) | 3422A | Impaired - High |
| District Cost-share | NA | NA | UNNAMED SLOUGH | 3710 | Not Impaired |
| District Cost-share | NA | NA | PEACOCK SPRINGS | 3483 | Impaired |
| District Cost-share | NA | NA | SUWANNEE RIVER (LOWER SEGMENT) | 3422B | Impaired - High |
| District Cost-share | NA | NA | TENMILE HOLLOW | 3438 | Not Impaired |
| District Cost-share | NA | NA | LITTLE RIVER | 3496 | Not Impaired |
| District Cost-share | NA | NA | UNNAMED DRAIN | 3497 | Not Impaired |
| District Cost-share | NA | NA | SANTA FE RIVER | 3605A | Impaired - High |
| District Cost-share | NA | NA | WACCASASSA RIVER | 3699 | Impaired |

| Project Name | MFL Supported | Quantity Grade | WaterBody benefited | WBID | Grade |
|---|---|---|---|---|---|
| District Cost-share | Waccasassa River | Meeting | LITTLE WACCASASSA RIVER | 3747 | Impaired |
| District Cost-share | Lower Suwannee River | Meeting | NORTON CREEK | 3366 | Impaired |
| SRWMD AWS Pivot Retrofits | Lower Suwannee | Meeting | SUWANNEE RIVER (LOWER SEGMENT) | 3422 | Impaired - High |
| SRWMD AWS Pivot Retrofits | Lower Suwannee | Meeting | COW POND OUTLET | 3662 | Not Impaired |
| SRWMD AWS Pivot Retrofits | Middle Suwannee | Meeting | LITTLE RIVER | 3496 | Not Impaired |
| SRWMD AWS Pivot Retrofits | NA | NA | SANDERS CREEK | 3702 | Not Impaired |
| SRWMD AWS Pivot Retrofits | Waccasassa River | Meeting | NONCONTRIBUTING AREA | 3675 | Not Impaired |
| SRWMD AWS Pivot Retrofits | Lower Suwannee | Meeting | SUWANNEE RIVER (LOWER SEGMENT) | 3422A | Impaired - High |
| SRWMD AWS Pivot Retrofits | Lower Suwannee | Meeting | UNNAMED SLOUGH | 3710 | Not Impaired |
| SRWMD AWS Pivot Retrofits | Waccasassa River | Meeting | LITTLE WACCASASSA RIVER | 3747 | Impaired |
| SRWMD AWS Pivot Retrofits | Lower Suwannee River | Meeting | NORTON CREEK | 3366 | Impaired |
| Agricultural Springs Protection | Lower Suwannee River | Meeting | ALAPAHA RIVER | 3324 | Impaired |
| Agricultural Springs Protection | Econfina | Meeting | ECONFINA RIVER | 3402 | Impaired |
| Agricultural Springs Protection | Lower Suwannee | Meeting | SUWANNEE RIVER (LOWER SEGMENT) | 3422; 3422A | Impaired - High |
| Agricultural Springs Protection | Lower Suwannee | Meeting | GULF OF MEXICO (LEVY AND DIXIE COUNTY; SUWANNEE RIVER) | 3422D | Impaired - High |
| Agricultural Springs Protection | Lower Suwannee | Meeting | COW POND OUTLET | 3662 | Not Impaired |
| Agricultural Springs Protection | Lower Suwannee | Meeting | UNNAMED SLOUGH | 3679; 3693 | Not Impaired |
| Agricultural Springs Protection | Lower Suwannee | Meeting | UNNAMED DRAIN | 3687; 3704 | Not Impaired |
| Agricultural Springs Protection | Lower Suwannee River | Meeting | PEACOCK SPRINGS | 3483 | Impaired |
| Agricultural Springs Protection | Lower Suwannee River | Meeting | SUWANNEE RIVER (LOWER SEGMENT) | 3422B | Impaired - High |
| Agricultural Springs Protection | Lower Suwannee River | Meeting | UNNAMED SLOUGH | 3543 | Not Impaired |
| Agricultural Springs Protection | NA | NA | NONCONTRIBUTING AREA | 2692 | Not Impaired |

| Project Name | MFL Supported | Quantity Grade | WaterBody benefited | WBID | Grade |
|---|---|---|---|---|---|
| Agricultural Springs Protection | NA | NA | UNNAMED DITCH | 3692 | Not Impaired |
| Agricultural Springs Protection | Lower Santa Fe River | Level III | SANTA FE RIVER | 3605D | Impaired |
| Agricultural Springs Protection | NA | NA | SANTA FE RIVER HEADWATERS | 3605F | Impaired |
| Agricultural Springs Protection | Lower Santa Fe River | Level III | SANTA FE RIVER | 3605F | Impaired |
| Agricultural Springs Protection | NA | NA | UNNAMED SLOUGH | 3336; 3370 | Not Impaired |
| Agricultural Springs Protection | NA | NA | WACCASASSA RIVER | 3699 | Impaired |
| Agricultural Springs Protection | Withlacoochee River | Meeting | WITHLACOOCHEE RIVER ABOVE SUWANNEE CONFLUENCE | 3315 | Impaired |
| Agricultural Springs Protection | Withlacoochee River | Meeting | NORTON CREEK | 3366 | Impaired |
| Agricultural Springs Protection | Withlacoochee River | Meeting | LAKE ALCYONE OUTLET | 3319 | Not Impaired |
| Nutrient Mitigation GR1605B | NA | NA | SUWANNEE RIVER (LOWER SEGMENT) | 3422A | Impaired - High |


# 2025 Florida Forever Work Plan

## Suwannee River Water Management District

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# ADA Statement

Americans with Disabilities Act: The District does not discriminate upon the basis of any individual's disability status. This nondiscrimination policy involves every aspect of the District's functions including one's access to, participation, employment, or treatment in its programs or activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act should contact the District at 386.362.1001 or 800.226.1066 (Florida only). The District's fax number is 386.362.1056.

# Introduction

The Suwannee River Water Management District (District) is required by section 373.199(7), Florida Statutes (F.S.), to update the Florida Forever Work Plan annually. This annual update is presented as a separate chapter in the Consolidated Annual Report pursuant to section 373.036(7), F.S.

The Florida Forever Act also provides funding opportunities for land acquisition projects and water resource development and restoration projects. Florida Forever funding must be used to achieve the following goals, as set out in section 259.105, F.S.:

- Enhance the coordination and completion of land acquisition projects.
- Increase the protection of Florida's biodiversity at the species, natural community, and landscape levels.
- Protect, restore, and maintain the quality and natural functions of land, water, and wetland systems of the state.
- Ensure that sufficient quantities of water are available to meet the current and future needs of natural systems and the citizens of the state.
- Increase natural resource-based public recreational and educational opportunities.
- Preserve significant archaeological or historic sites.
- Increase the amount of forestland available for sustainable management of natural resources.
- Increase the amount of open space available in urban areas.

The Florida Forever Work Plan annual update presents projects the District has identified as eligible for funding under the Florida Forever Act and reports on District land acquisition and management activities.

# Proposed Florida Forever Funding

This annual update has been prepared with the assumption that there will be no new FF fund allocations through the planning period from FY2024-2025 to FY2028-2029.

Table 1 lists Florida Forever expenditures for each fiscal year (FY) since the program's inception. The District fully utilized its total allocation of $$72,139,868 of Florida Forever funding by the end of FY 2022.

Table 1. Actual Florida Forever Expenditures

| Fiscal Year | Fee Acquisition Expenditures | Fee Acres Acquired | Conservation Easement Expenditures | Conservation Easement Acres Acquired | Water Resource Development | Restoration |
|---|---|---|---|---|---|---|
| 2000-2001 | - | - | - | - | - | - |
| 2001-2002 | $4,117,869 | 30,477 | $5,643,127 | 12,960 | - | - |
| 2002-2003 | $1,158,661 | 564 | $3,382,632 | 5,026 | - | - |
| 2003-2004 | $3,565,225 | 1,761 | $1,517,048 | 2,023 | - | - |
| 2004-2005 | $3,792,645 | 2,661 | - | - | - | - |
| 2005-2006 | $648,440 | 123 | - | - | - | - |
| 2006-2007 | $13,082,288 | 4246 | - | - | - | - |
| 2007-2008 | $4,041,930 | 493 | $6,379,514 | 3,294 | - | $210,510 |
| 2008-2009 | $10,965,200 | 2,171 | - | - | - | - |
| 2009-2010 | $494,000 | 84 | $1,789,725 | 786 | $23,500 | $309,080 |
| 2010-2011 | $5,426,437 | 1,201 | $1,557,593 | 682 | $400,000 | - |
| 2011-2012 | - | - | $250,710 | 167 | - | - |
| 2012-2013 | - | - | - | - | $20,825 | - |
| 2013-2014 | - | - | - | - | - | - |
| 2014-2015 | $628,145 | 85 | $707,850 | 35 | $97,918 | - |
| 2015-2016 | $7,160 | - | - | - | $26,398 | - |
| 2016-2017 | $20,073 | - | - | - | - | - |
| 2017-2018 | $1,760,918 | 329 | $8,045 | 199 | - | - |
| 2018-2019 | $12,828 | 5.41 | $1,795 | - | - | - |
| 2019-2020 | - | 9.8 | $25,000 | - | - | - |
| 2020-2021 | - | - | - | - | - | - |
| 2021-2022 | - | - | $66,779 | 313 | - | - |
| 2022-2024 | $0 | $0 | $0 | $0 | $0 | $0 |
| Total | $49,721,819 | 44,210 | $21,329,818 | 25,485 | $568,641 | $519,590 |

# Modifications and Additions to the 2001 Florida Forever Work Plan

## Water Resource Development

The District does not plan to use any new Florida Forever funds for water resource development projects during the planning period from FY2024-2025 to FY2028-2029. Past program expenditures for water resources development projects total $568,641.

A comprehensive list of current District water resource development projects is available in the Consolidated Annual Report located on www.MySuwanneeRiver.com. Projects identified for Florida Forever funding will be added to future plans as funding is sought.

## Restoration Projects

The District does not plan to use any new Florida Forever funds for restoration projects during the planning period from FY2024-2025 to FY2028-2029. Past program expenditures for water resources development projects totals $519,590.

A comprehensive list of current District restoration projects is available in the Consolidated Annual Report located on www.MySuwanneeRiver.com Projects identified for Florida Forever funding will be added to future plans as funding is sought.

## Land Acquisition and Land Management

Land acquisition and management activities protect water resources and the overall ecological health of communities within the District. The Save Our Rivers, Preservation 2000, federal, District and Florida Forever programs have preserved approximately 289,343 acres to protect the region's river systems and groundwater resources.

The District does not plan to use any new Florida Forever funding for land acquisition-related expenses during the plan period from FY2024-2025 to FY2028-2029 as the funds have been exhausted. Program expenditures total $71,051,637 for land acquisition.

The District coordinates with the state's Florida Forever program to evaluate projects within the District's boundary. The state's Florida Forever Priority List of projects is developed by the Florida Department of Environmental Protection the Acquisition and Restoration Council (ARC) and approved by the Governor and Cabinet. The 2024 Florida Forever Project list is available at https://storymaps.arcgis.com/stories/45c08483ceca4124946ef842225be06f.

The District maintains a land acquisition project map that includes parcels advantageous to the District for fee or less than fee purchase. These parcels are focused on floodplain management, improved ingress/egress, enhanced land management and meet the criteria of the Florida Forever program. View the interactive 2024 Land Acquisition Project map online for District land information or at https://experience.arcgis.com/experience/71ba92f4431f486986934beccdfe3321/.

Lands of interest are added to the map annually and listed as "proposed." Those lands are approved at the planning level by way of approval of the Florida Forever Plan are listed as "Planning Approved." Finally, lands approved for potential acquisition by the Governing Board are listed as "Approved for

Detailed Assessment." Other land information, such as current ownership and FDEP Florida Forever Projects, may be incldued as well for reference.

Table 3 summarizes fee and less than fee acres owned by the District as of December 2024.

*Table 3. Protected Lands by River Basins**

| Basin | Fee Acres | Less Than Fee Acres | Potential Acquisition Project Acres |
|---|---|---|---|
| Alapaha | 2,875 | 1,544 | 7,569 |
| Aucilla/Wacissa | 15,750 | 12,036 | 29,163 |
| Coastal River/Econfina/Steinhatchee | 49,974 | 52,675 | 38,533 |
| Santa Fe/Ichetucknee | 15,475 | 8,423 | 56,774 |
| Suwannee | 66,644 | 29,625 | 78,809 |
| Waccasassa | 5,267 | 24,160 | 13,608 |
| Withlacoochee | 6,420 | 16 | 13,379 |
| Total | 162,405 | 128,479 | 237,835 |

*Acreage is approximate and updated to reflect best data available via GIS and land database

# Land Acquisitions Completed

The District's land acquisition efforts focus on areas for springs protection and to support potential water resource development projects. Water resource development project areas are located in two broad zones:

- Areas of high recharge adjacent to the Cody Escarpment: These areas provide the highest potential for identifying and/or locating natural recharge features in the vicinity of possible upgradient recharge water sources, with the intent of minimizing eventual water resource development project transmission and treatment costs.

- Areas of potentiometric high groundwater: These areas constitute the greatest relative benefit with respect to the duration of time that recharged or otherwise retained waters remain in the UFA, as well as maximizing groundwater gradients in springsheds.

The land acquisition program is strictly voluntary — all land acquisition projects are negotiated with willing sellers within the constraints of appraised market value. Lands offered for sale are evaluated by District staff and contractors, who then make recommendations to the Governing Board Lands Committee for review and approval to send the proposed acquisition to the full Governing Board for consideration. The following objectives guide the District's evaluation of potential acquisition areas:

- Preserving floodplain to maintain storage capacity, attenuate floodwaters, and mitigate flood risk;

- Protecting groundwater quality by maintaining low intensity land uses;

- Preserving natural buffers along water bodies where adjacent uses have a high potential to

degrade surface water quality;

- Preserving and protecting springs and surrounding areas to protect and improve surface and groundwater;

- and increasing recharge to the UFA via water resource development projects restoring natural hydrology in headwater swamps and increasing water retention for recharge enhancement.

*Table 4. Acquisitions Closed in FY2024*

| Seller | Project | Acres | County | Date | **Funding** |
|---|---|---|---|---|---|
| Waldo Tree Farms | Fee Acquisition | 44.5 | Alachua | 03.29.2024 | Save Our Rivers |

# Land Acquisition Planned

The following table summarizes land acquisition transactions approved for detailed assessment in FY2024-2025 to FY2028-2029.

*Table 5. Acquisition Projects Approved for Detailed Assessment*

| Seller | Project | Acres | County |
|---|---|---|---|
| Hodges | Conservation Easement | 753 | Levy |
| Dixon | Conservation Easement | 40 | Hamilton |
| Williams Family Investments, LLC | Conservation Easement | 947 | Levy |
| Taylor | Conservation Easement | 941 | Gilchrist |

# Surplus Lands

The District reviews its land holdings to identify any areas that may not be critical for floodplain management, aquifer recharge, and the protection of surface waters, wetlands, and springs. Such lands are declared surplus and either sold or exchanged on the private market or conveyed to other units of government. The proceeds of any sales and exchanges are dedicated to the acquisition of lands with higher water resource and conservation values. Table 6 lists lands declared no longer needed for conservation and to be surplused during FY 2023. Table 7 lists lands surplused in FY 2023.

*Table 6. Lands Approved for Surplus*

| **Tract** | **Acres** | **County** | **Acquired Date** | **Funding** | **Surplus Approval Date** |
|---|---|---|---|---|---|
| Falmouth North (8 lots) | 6.51 | Suwannee | 04.24.1998 | WMLTF | 06.08.2010 |
| Turtle Spring Surplus Tract | 32 | Lafayette | 05.13.2015 | Florida Forever | 03.10.2015 |

| | | | | | |
|---|---|---|---|---|---|
| Country Club Road | 80 | Columbia | 07.01.2015 | Enforcement Action | 07.09.2019 |
| Suwannee Run Shores | 1.175 | Dixie | 12.30.1997 | Save Our Rivers | 08.13.2019 |
| Three Rivers Estates | 1 | Columbia | 12.30.1997 | Save Our Rivers | 08.13.2019 |
| Forest Woodlands | 11 | Gilchrist | 10.11.1996 | Save Our Rivers | 11.12.2019 |
| Santa Fe Oasis | 1 | Gilchrist | 04.28.1998 | Save Our Rivers | 05.12.2020 |
| Newberry Wellfield | 58.66 | Alachua | 01.11.2000 | P-2000 | 04.14.2021 |
| Santa Fe Springs | 13 | Suwannee | 07.01.1998 | Save Our Rivers | 12.10.2024 |

*Table 7. Surplus Lands and Easement Activity FY 2024*

| Surplus/Easement Parcels | Acres | County | Disposition Date | Transaction | Proceeds |
|---|---|---|---|---|---|
| Timber River | 1.40 | Madison | 10.10.2023 | Exchange | -- |

# Land Management Activities

Descriptions of land management activities for each property owned by the District is outlined in the Land Management Plan. The plan is available online at www.mysuwanneeriver.com/76/Land-Stewardship. Management activities are based on desired future conditions specific to each natural community and maximizing public use to the greatest degree possible. A matrix of available public use activities on District lands is also available in the plan.

A summary of annual land management activities is available in the Strategic Plan Annual Update within the Consolidated Annual Report on www.mysuwanneeriver.com.

## Special Use Authorizations

As authorized in 40B-9.1411 F.A.C., District staff may issue special use authorizations (SUA) which are meant to provide individuals or groups to use District lands on a temporary basis for compatible activities that are either not covered in District's Land Management Plan (DLMP) or which require special access. Governing Board Program Directives 25-0003 and 24-0004 provides guidance on how the public can apply for an SUA and enables District staff to respond to requests received from the public in a fair, consistent and timely manner.

District staff must also incorporate the specific criteria for the activity which the public must adhere to when using the SUA. This SUA criteria includes Standard Conditions, Rules for Public Use and Warnings.

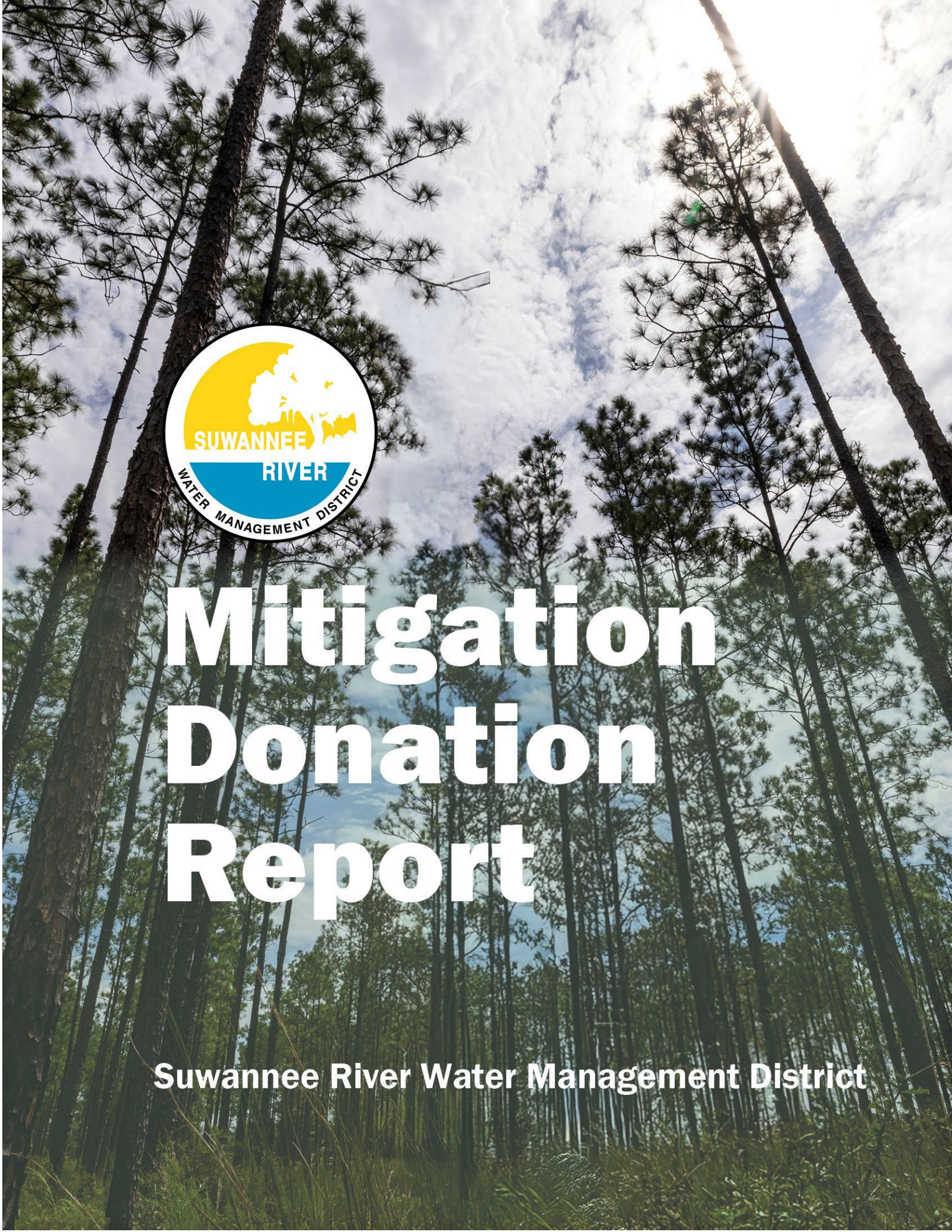
A total of 592 SUAs were issued during FY 2024.

| Recreation SUA | Temporary Ingress/Egress | Non-Recreational | Goose Pasture Camping | Mallory Swamp ATV Trail |
|---|---|---|---|---|
| 258 | 39 | 17 | 177 | 101 |

# Progress of Funding, Staffing and Land Management

The following table depicts the District's budget for funding and staffing for land management and public use.

| Budget Area | FY2021 Budget | FY2022 Budget | FY2023 Budget | FY2024 Budget | FY25 Budget |
|---|---|---|---|---|---|
| FTEs | 7 | 7 | 7 | 7 | 7 |
| Land Management | $4,547,449 | $4,681,665 | $4,617,181 | $5,583,052 | $5,899,438 |




# Mitigation Donation Report

Suwannee River Water Management District

## Executive Summary

Subsection 373.414(1)(b)2, Florida Statutes (F.S.) requires that "…each water management district shall report by March 1 of each year, as part of the consolidated annual report required by s. 373.036(7), all cash donations accepted under subparagraph 1 during the preceding water management District fiscal year for wetland mitigation purposes." The statute also requires the report to include a description of the endorsed mitigation projects and, except for projects governed by s.373.4135(6), address success criteria, project implementation status and time frame, monitoring, long-term management, provisions for preservation, and full cost accounting.

## Cash Donations Received in FY 2024

No cash donations were received for wetland mitigation purposes in FY 2024.