

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

**GoTo Webinar Link:** <https://attendee.gotowebinar.com/register/6189273425682705936>

**Public Comment Form Link:** [www.MySuwanneeRiver.com/Comments](http://www.MySuwanneeRiver.com/Comments)

Open to Public

December 13, 2022  
9:00 a.m.

District Headquarters  
Live Oak, Florida

1. Call to Order
2. Roll Call
3. Announcement of any Amendments to the Agenda by the Chair  
**Amendments Recommended by Staff:** None
4. Public Comment
5. Consideration of the following Items Collectively by Consent:
  - Agenda Item No. 6 - November 8, 2022 Board Meeting and Workshop Minutes
  - Agenda Item No. 11 - October 2022 Financial Report
  - Agenda Item No. 21 - Ratification of Contract 21/22-176 with North Florida Timber Dealers, Inc
6. November 8, 2022 Governing Board Meeting and Workshop Minutes -  
**Recommend Consent**
7. Items of General Interest for Information/Cooperating Agencies and Organizations
  - A. Hydrologic Conditions Report
  - B. Cooperating Agencies and Organizations
  - C. Staff Recognitions – Ashley Stefanik and Ryan Sims (Five Years)  
Robin Lamm (20 Years)

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**GOVERNING BOARD LEGAL COUNSEL**  
**Tom Reeves**

8. Update on Legal Activities

**BUSINESS AND COMMUNITY SERVICES**  
**Tim Alexander, Deputy Executive Director**

**Administration**

- BCS Page 1 9. Land Acquisition and Disposition Activity Report
- BCS Page 4 10. Declaration of Surplus Property and Disposition

Finance

- BCS Page 6 11. October 2022 Financial Report – **Recommend Consent**
- BCS Page 11 12. Fiscal Year 2023-2024 Preliminary Budget

Resource Management

- BCS Page 12 13. Permitting Summary Report
- BCS Page 15 14. Variance Request, Cornerstone Crossing at 47, Columbia County
- BCS Page 23 15. Rulemaking to Amend Rules 40B-3.037, 40B-3.504, and 40B-3.517; and Repeal Rule 40B-3.902, Florida Administrative Code
- BCS Page 26 16. Environmental Resource Permit Application Number ERP-029-241949-1, Cothron One-Acre Lot - Seawall and Dock, Dixie County
- BCS Page 30 17. Environmental Resource Permit Application Number ERP-029-241241-1, Roberts Seawall, Dixie County

**OUTREACH AND OPERATIONS**

**Katelyn Potter, Division Director**

Outreach and Operations

18. 2022 Strategic Plan Annual Update
19. Florida Forever Workplan Update

Land Management

- OPS Page 1 20. District Land Management and Twin Rivers State Forest Activity Summary
- OPS Page 5 21. Ratification of Contract 21/22-176 with North Florida Timber Dealers, Inc. – **Recommend Consent**

Hydrologic Data Services

- OPS Page 6 22. Agricultural Water Use Monitoring Report

**WATER RESOURCES**

**Amy Brown, Deputy Executive Director**

23. Water Resources Division Updates

Agriculture and Environmental Projects

- WR Page 1 24. 2022 Federal Emergency Management Agency Risk Mapping and Planning Program Five-Year Business Plan
- WR Page 36 25. Governing Board Directive Number GBD22-0006, Agricultural Cost-Share Program

- 26. Amendment to Contract 21/22-188 with Tillis Farms, LLC, Levy, Alachua, and Gilchrist Counties

Minimum Flows and Minimum Water Levels

- 27. Upper/Middle Suwannee River MFL Presentation

Water Supply

No Items

Water Resources

No Items

**EXECUTIVE OFFICE**  
**Hugh Thomas, Executive Director**

- 28. Announcements
- 29. Governing Board Comments

Unless otherwise noted, all meetings are at District Headquarters in Live Oak, Florida

January 10, 2023	9:00 a.m.	Board Meeting Workshop / Committee Meetings
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*Workshops and Committee Meetings will begin following the Board Meeting unless otherwise noted.*

- 30. Adjournment

Any member of the public, who wishes to address the Board on any agenda item, or any other topic, must sign up (including the completion of the required speaker forms) with the Executive Director or designee before the time designated for Public Comment. During Public Comment, the Chair shall recognize those persons signed up to speak on agenda items first. To the extent time permits, the Chair shall thereafter recognize those persons signed up to speak on non-agenda items. Unless, leave is given by the Chair, (1) all speakers will be limited to three minutes per topic, (2) any identifiable group of three persons or more shall be required to choose a representative, who shall be limited to five minutes per topic. When recognized by the Chair during Public Comment, a speaker may request to be allowed to make his or her comments at the time the Board considers an agenda item. The Chair may grant or deny such request in the Chair's sole discretion.

Definitions:

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

The Board may act upon (including reconsideration) any agenda item at any time during the meeting. The agenda may be changed only for good cause as determined by the Chair and stated in the record. If, after the regular time for Public Comment, the agenda is amended to add an item for consideration, the Chair shall allow public comment on the added agenda item prior to the Board taking action thereon.

All decisions of the Chair concerning parliamentary procedures, decorum, and rules of order will be final, unless they are overcome by a majority of the members of the Board in attendance.

If any person decides to appeal any decision with respect to any action considered at the above referenced meeting and hearing, such person may need to ensure a verbatim record of the proceeding is made to include testimony and evidence upon which the appeal is made.

**AGENDA**  
**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
**GOVERNING BOARD WORKSHOP**

December 13, 2022  
Following Board Meeting

District Headquarters  
Live Oak, Florida

- Regional Water Supply Planning Discussion
- Lower Santa Fe and Ichetucknee Rivers and Priority Springs MFL Status Updates
- Agriculture and Environmental Projects Updates

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT  
MINUTES OF OFF-SITE  
GOVERNING BOARD MEETING AND PUBLIC HEARING**

**GoTo Webinar Link:** <https://attendee.gotowebinar.com/register/7622570394625967371>

**Public Comment Form Link:** [www.MySuwanneeRiver.com/Comments](http://www.MySuwanneeRiver.com/Comments)

Open to Public

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

Due to internet connectivity issues at off-site location, the Suwannee River Water Management District (District) Governing Board meeting, was in-person only.

November 8, 2022  
9:00 a.m.

Eagle Lake Conference Center  
White Springs, Florida

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

Agenda Item No 2 – Roll Call

**Governing Board**

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

**Governing Board Legal Counsel**

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

**Leadership Team**

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

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

Agenda Item No. 4 – Public Comment.

- Paul Still - Concerns regarding Edwards Bottomlands Project (public comment provided via email and placed in public record)
- Edward Chastain - Woodborough North concerns with pumps and ponds

- Terri Rasmussen - Woodborough North concerns. (handout to Board members placed in public record)
- Nancy Turner - Woodborough North concerns (handout to Board members placed in public record)
- Steve Gladin - Concerns regarding Woodborough North permit expiration date
- Stu Lilker, Columbia County Observer - Concerns regarding Florida Sunshine Law and hearing of the meeting

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

- Agenda Item No. 6 - October 11, 2022 Board Meeting and Workshops Minutes
- Agenda Item No. 10 - September 2022 Financial Report
- Agenda Item No. 19 - Task Work Assignment 19/20-064.007 with Wetland Solutions Inc
- Agenda Item No. 20 - Amendment to Contract 21/22-195 with Shenandoah Dairy, Inc., Suwannee County
- Agenda Item No. 27 - Florida Department of Environmental Protection Monitoring Grant AT014
- Agenda Item No. 28 - Governing Board Directive Number 22-0004, Delegation of Expenditure Authority for the Executive Director
- Agenda Item No. 29 - Governing Board Directive Number 22-0005, Finance Directive

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

Agenda Item No. 6 - October 11, 2022 Governing Board Meeting and Workshop Minutes. Approved on Consent.

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

- A. Robbie McKinney, Manager, Office of Water Resources, gave a presentation of hydrologic conditions of the District.
- B. Cooperating Agencies and Organizations: Hugh Thomas, Executive Director, welcomed Adam Blalock, Florida Department of Environmental Protection, and Chris Wynn, Florida Fish and Wildlife Commission, to the meeting.

**GOVERNING BOARD LEGAL COUNSEL**

Agenda Item No. 8 – Legal Activities Update. Tom Reeves, Board Legal Counsel, updated the Board on the following:

Thakor Ashish Mediation case  
Nestle Legal case update  
Jeff Hill case regarding attorney's fees  
Jeff Hill Supreme Court Case

**BUSINESS AND COMMUNITY SERVICES**

Administration

Agenda Item No. 9 – Land Acquisition and Disposition Activity Report. This report was provided as an informational item in the Board materials.

Finance

Agenda Item No. 10 –September 2022 Financial Report. Approved on Consent.

Agenda Item No. 11 – Fiscal Year 2021 - 2022 Budget Modifications. Christina Green, Budget Manager, Office of Finance, presented this item to the Board.

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

Human Resources

Agenda Item No. 12 – Employee Health Care Insurance Coverages for Calendar Year 2023. Lisa Cheshire, Chief, Office of Human Resources, presented this item to the Board.

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

Resource Management

Agenda Item No. 13 – Permitting Summary Report. This report was provided as an informational item in the Board materials.

Agenda Item No. 14 – Variance Request, Wainwright Property Master Drainage Plan, Suwannee County. Ashley Stefanik, Chief, Office of ERP and Environmental Compliance, presented this item to the Board.

The following attendees provided comments to the Board:

Don Wainwright  
Greg Bailey, P.E.

MOTION WAS MADE BY THOMPSON, SECONDED BY SCHWAB TO:

- A. DENY WITHOUT PREJUDICE THE REQUEST FOR A VARIANCE FROM RULE 62-330.020(2)g., AND (2)j., F.A.C., REQUIRING INDIVIDUAL DISTRICT AUTHORIZATIONS FOR EACH NEW PROJECT WITHIN A MASTER STORMWATER SYSTEM;
- B. THAT FUTURE APPLICATIONS FOR PERMITS USING THE MASTER STORMWATER SYSTEM PERMITTED UNDER ERP-121-239314-6, IF NOT ISSUED EARLIER, WOULD BE PLACED ON THE AGENDA FOR THE LAST BOARD MEETING WHICH IS LESS THAN 60 DAYS AFTER THE APPLICATION WAS SUBMITTED TO THE DISTRICT: AND,
- C. APPROVE THE REQUEST FOR A VARIANCE FROM SECTION 3.4 OF THE ERP APPLICANT'S HANDBOOK REQUIRING STORMWATER POND RECOVERY FOR ALL EIGHT DESIGN STORMS, AND THE REQUIREMENT TO HOLD BACK-TO-BACK STORMS, WITH THE APPLICANT ONLY BEING REQUIRED TO HOLD UP TO A 100-YEAR/10-DAY STORM WITHOUT RECOVERY. MOTION CARRIED UNANIMOUSLY.

**OUTREACH AND OPERATIONS**

Communications and Outreach

No Items



Land Management

Agenda Item No. 15 - District Land Management & Twin River State Forest (TRSF) Activity Summary. This summary was provided as an informational item in the Board materials.

Agenda Item No. 16 - Contract with M.A. Rigoni, Inc. for the Dedan Loop #1 / Mud Swamp Timber Sale. Bill McKinstry, Chief, Office of Land Management, presented this item to the Board. Mr. Schwab announced a conflict of interest and abstained from voting on this agenda item. The conflict of interest form was completed and signed by Mr. Schwab. This form is hereby made part of these minutes and is filed in the permanent Governing Board Meeting minutes files of the District.

MOTION WAS MADE BY SMITH, SECONDED BY SESSIONS TO APPROVE THE ITEM. MOTION CARRIED WITH THE EXCEPTION OF SCHWAB.

Hydrologic Data Services

Agenda Item No. 17 – Agricultural Water Use Monitoring Report. This report was provided as an informational item in the Board materials.

**WATER RESOURCES**

Agriculture and Environmental Projects

Agenda Item No. 18 – Water Resources Division Updates. Amy Brown, Deputy Executive Director, provided updates to the Board.

Agenda Item No. 19 – Task Work Assignment 19/20-064.007 with Wetland Solutions Inc. Approved on Consent.

Agenda Item No. 20 – Amendment to Contract 21/22-195 with Shenandoah Dairy, Inc., Suwannee County. Approved on Consent.

Agenda Item No. 21 – Contract with Lee Peanut Farms, LLC., Madison County. Leroy Marshall, Chief Professional Engineer, Office of Agriculture and Environmental Project, presented this item to the Board.

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

Agenda Item No. 22 – Task Work Assignment 19/20.041.021 with WSP formerly known as Wood Environment and Infrastructure Solutions, Inc. Mr. Marshall presented this item to the Board.

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

Agenda Item No. 23 – Governing Board Directive Number 22-0003, Regional Initiative Valuing Environmental Resources Cooperative Funding Program. Mr. Marshall presented this item to the Board.

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

Minimum Flows and Levels

Agenda Item No. 24 – Rulemaking to Amend Rule 40B-8.121, Florida Administrative Code, Lake Santa Fe Minimum Surface Water Levels. Sean King, Chief, Office of Minimum Flows and Minimum Water Levels, and Warren Zwanka, Director, Resource Management Division, presented this item to the Board.

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

Agenda Item No. 25 – Task Work Assignment 19/20-031.011 with Water and Air Research, Inc. Mr. King presented this item to the Board.

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

Water Supply

No Items

Water Resources

Agenda Item No. 26 – Water Quality Update Presentation. Susie Hetrick, Chief, Office of Water Resources, provided a powerpoint presentation to the Board.

Agenda Item No. 27 – Florida Department of Environmental Protection Monitoring Grant AT014. Approved on Consent.

**EXECUTIVE OFFICE**

Agenda Item No. 28 – Governing Board Directive Number 22-0004, Delegation of Expenditure Authority for the Executive Director. Approved on Consent.

Agenda Item No. 29 – Governing Board Directive Number 22-0005, Finance Directive. Approved on Consent.

Agenda Item No. 30 - Announcements. Mr. Thomas updated the Board on District activities

Agenda Item No. 31 - Governing Board Comments. None

Agenda Item No. 32 - Adjournment. Meeting adjourned at 2:34 p.m.

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Chair

ATTEST:

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

Workshop began at 2:35 p.m.

Fiscal Year 2023-2024 Preliminary Budget Presentation

Christina Green, Manager, Office of Finance, provided a powerpoint presentation on the Fiscal Year 2023-2024 Preliminary Budget.

Stan Posey, Nutrien Manager, Environmental Affairs, provided a powerpoint presentation on the history of Nutrien and provided a guided nature trail tour for District staff and attendees.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board  
FROM: Stephen Schroeder, Chief, Office of Administration  
THRU: Tim Alexander, Deputy Executive Director, Business and Community Services  
DATE: December 2, 2022  
RE: Land Acquisition and Disposition Activity Report

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

SS/tm  
Attachments

LAND ACQUISITION AND DISPOSITION ACTIVITY REPORT

Property Offers							
Owner	Tract	Acres	County	Submittal Date	Asking Price	Acquisition Type	Comments
<b>Approved for Detailed Assessment</b>							
Owner	Project Name	Acres	County	Submittal Date	Asking Price	Acquisition Type	Comments
Camp and Abel	Camp and Abel	266	Hamilton	09.23.20	\$948,000	Fee	Approved for detailed assessment and negotiations 12.8.20. Property being tasked to NFLT for negotiation and assessment. Transaction will be processed in house and not contracted. ESA Phase 1 ordered. Appraisal ordered. Delayed completion due to flooding. ESA Phase 1 site visit scheduled 5.18. 2022. ESA report received and reported no concerns. Appraisal pending. Appraisal received. Offer being extended to offeror.
Pfleiger	Riverbend Estates	1.1	Dixie	03.20.20	\$11,000/Possible exchange	Fee	Staff recommendation to proceed with detailed assessment and negotiations. Approved by LC on 6.9.20. Approved by GB on 7.14.20. In discussions with Offeror to exchange for Timber River parcel in Madison County. Offeror has tentatively agreed to exchange. Draft contract submitted to Counsel for review on 3.3.21. Awaiting additional guidance from Counsel regarding appraisals. Contract revised and submitted to Pflieger. Staff will order an ESA Phase 1 and appraisal of the Riverbend property; Pflieger will order an appraisal on the District land in Timber River. Signed contract received from Pflieger to be submitted for GB Chair signature. Satisfactory Phase 1 ESA was received. Appraisal in process. Final exchange approved by LC 1.11.22. . Approved by GB 2.8.22. Will proceed to closing. Pending Closing. Closing in process.
Florida Department of Transportation	Quail Heights	40.63	Columbia	07.19	\$651,105	Fee	Staff review on 8.8.19 recommended purchase in partnership with FDOT. Approved by LC on 2.11.20. Approved by GB 3.10.20. Submitted for Springs Grant funding but not obtained for FY 20. Property acquired by FDOT on 9.10.20. LC approved contribution to acquisition costs 11.10.20. GB approved on consent agenda 12.8.20. FDOT contract completed. Resolution for acquisition on GB agenda 5.11.21 and was approved. Final revisions and resolution of all contingencies complete and satisfied. Funds will be distributed to FDOT before 6.1.21. Agreement with FDOT executed. Funds referred after due diligence. Staff is working on obtaining appropriate surveys and negotiating agreement with Columbia County. Interlocal agreement being drafted with Columbia County. Survey received from Columbia County. Determining next steps for completion of transaction. Staff met with County representatives 9.13.22 - MOA should be completed by 10.1.22. Still awaiting MOA from County.
Lasky	Lasky	351.74	Gilchrist	11.20	\$855,000	Fee	Approved for detailed assessment and negotiation by GB 4.13.21. Phase 1 ESA report received. No issues noted. Appraisal complete. Negotiations underway with owner.Offer submitted to owner 1.18.22. Potential agreed price of \$770,000 subject to GB approval. Resolution on Agenda for 4.12.22. Approved by GB. Seller is clearing up title issues to get contract completed. Seller has received title report. Working on clearing title. Title issue resolved. Contract being prepared. Contract pending legal review and approval. Sellers title agent completing title search. Closing to occur before 9.30.22. Closing delayed due to Sellers not providing all required information to closing agent. Awaiting legal documentation of authority to sell from Offerors. Anticipate closing prior to 10.31.22 Status remains unchanged 11.14.22
Rayonier	Lake Sampson (Rayonier)	30+/-	Bradford	District Initiated	TBD	Fee	Submitted to LC on 5.11.21 to be funded through FDEP grant; acquisition if AWS project related. Approved by LC. On GB Agenda for 6.8.21 and was approved. TWA opened with NFLT for negotiations with Rayonier. Negotiations continuing. Negotiations have not been fruitful. Will likely terminate in September 2022. Contract terminated. Awaiting final activity report from NFLT.
Bierman	Luken's tract exchange	1 acre	Levy	8.21	Exchange	Fee for Fee	10.12.21 LC approved staff moving forward with exchange negotiations. LC recommendation approved by GB 11.11.21. Survey completed for 1 acre parcel District will receive. Exchange agreement being reviewed by District's legal counsel. Revised Agreement being reviewed by Bierman. New 1 acre tract has been created with Property Appraiser and Deed recorded to facilitate trade. Legal description of District land being verified.
Waldo Tree Farm, LLC	Waldo Tree Farm	38 +/-	Alachua	5.10.22	TBD based on appraisal	Fee	8.9.22 Lands Committee authorized staff to expend not more than \$5,000 to acquire an appraisal and negotiate a price with the sellers. Recommended acquisition price to be presented to Lands Committee when available for further approval and recommendations to the Governing Board. Quotes pending for appraisal.

**Proposed for Surplus**

Tract	Acres	County	Acquired Date	Funding	Appraisal Date	Price	Comments
None pending.							

**Authorized for Surplus**

Tract	Acres	County	Acquired Date	Funding	Appraisal Date	Price	Comments
Forest Woodlands	11	Gilchrist	10.11.1996	Save Our Rivers	TBD	To be determined by appraisal.	Staff recommended for surplus. Approved by Lands Committee (LC) on 10.10.19. Approved by Governing Board (GB) 11.12.19. Will be offered to adjacent property owners.
Santa Fe Oasis	1	Gilchrist	4.28.1998	Save Our Rivers	TBD	TBD by appraisal update.	Approved by LC on 4.14.20. Approved by GB 5.12.20. Offered for sale to adjacent owners, two offers received. Approved by LC 8.11.20 to accept highest offer. Withdrawn from GB on 9.8.20. Being resubmitted to LC for its 9.21.20 meeting for staff recommendation to reject all offers and offer for sale to the general public. GB approved LC recommendation on 10.13.20. All bids rejected and property will be offered for sale to the general public. Staff is trying to obtain a review appraisal to reconcile disparate appraisals received and determine minimum price for bids. Awaiting legal guidance on establishing minimum price for public notice of intent to sell.
Suwannee Run Shores	1.175	Dixie	12.30.1997	Save Our Rivers	TBD	To be determined by appraisal.	Staff recommended for surplus. Approved by LC 7.9.19. Approved by GB 8.13.19. Adjacent Property owners notified, responses/bids with appraisals due 4.15.20. No responses received, will be posted on website and offer for sale to general public.
Three Rivers Estates	1	Columbia	12.30.1997	Save Our Rivers	N/A	TBD by appraisal update.	Staff recommended for surplus. Approved by LC 7.9.19. Approved by GB 8.8.19. Adjacent Property owners notified, responses/bids with appraisals due 4.15.20. Two offers received, highest offer approved by LC 6.9.20. On GB agenda for 7.14.20 and approved. Contract being drafted.
Turtle Spring Surplus Tract	32	Lafayette	5.13.2015	Florida Forever	5.24.2015	TBD by appraisal update.	Suspended until further review. Attempting to verify final surplus status/approval by GB.
Newberry Wellfield	58.66	Alachua	1.11.2000	P-2000	N/A	\$0	3.9.21 LC recommended surplus and conveyance to the City of Newberry with specified conditions. Approved by GB 4.13.21. Conveyance documents being drafted for legal review. Conveyance on hold pending resolution of issues relating to timber operations by the District. Timber operations underway. Once complete, transaction will be closed.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

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

DATE: December 2, 2022

RE: Declaration of Surplus Property and Disposition

**RECOMMENDATION**

Declare the attached list of property items as surplus and authorize staff to dispose of these property items in the most cost-effective means as authorized by Chapter 274.05, Florida Statutes.

**BACKGROUND**

Due to several factors, which include changes in technology, equipment compatibility concerns, high maintenance costs, and wear and tear over time, various property items owned by the District become functionally obsolete each year. Chapter 274.05 and/or 274.06, Florida Statutes (F.S.), recognizes that property items become functionally obsolete and provides a process of declaring property items as surplus and for the disposition of this surplus property.

This recommendation authorizes staff to dispose of the attached surplus property items by either trading them when new items are purchased, offering them to other governmental units in the District, offering the property to private nonprofit agencies as defined in section 273.01(3) F.S., by auction, or disposing as scrap. The attached list also includes certain items that were located in the field and were found to be no longer functioning, vandalized, damaged beyond repair, or stolen.

Any remaining electronic equipment will be properly recycled using A1 Assets, a recognized company by the Florida Department of Environmental Protection to properly recycle equipment. All computer drives are wiped and re-installed with no data or operating systems present.

SCS/tm  
Attachment



SURPLUS LIST DECEMBER 2022

<b>Asset #</b>	<b>Description</b>	<b>Age</b>	<b>Cost New</b>	<b>Reason for Determination of Surplus</b>
2423	SMARTBOARD 580	23	\$1,979	End of Life
2912	ENCLOSED TRAILER 6' X 10'	17	\$2,525	No Useful Function at District
3012	MERCURY 9.9 HP 4 CYCLE OUTBORD	15	\$1,919	No Useful Function at District
3111	HONDA 8HP, 4 STROKE OB MOTOR	14	\$1,830	End of Life
3208	FLOWTRACKER HANDHELD ADV	11	\$7,010.00	Damaged in the Field
3316	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3320	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3322	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3323	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3324	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3326	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3327	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3328	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3329	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3330	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3331	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3333	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3334	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3335	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3336	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3338	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3341	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3342	FL100X Base FarmLinc Remote Monitoring Unit (captures data)	8	\$1,824.21	End of Life
3364	Pressure Transducer for SDI-12 Output protocol, Cable, Box, Bracket	8	\$1,291.95	End of Life
3417	Ott Pressure Level Sensor SDI12	7	\$1,418	End of Life
3419	Exo2 Sonde 100 Meter Depth 6 Sensor	7	\$8,328.34	Damaged in the Field
3603	2005 Jent 10-ton Equipment Trailer	17	\$5,500	No Useful Function at District
3720	DELL LATITUDE 5590 XCTO LAPTOP COMPUTER	3	\$1,577	Damaged in the Field
2349	Executive Desk w/r rtrn & towr	24	\$1,074	Missing over multiple year inventory reviews
3553	599090-01 Exo Central Wiper	7	\$1,110.00	Missing over multiple year inventory reviews
3556	5991-1 Exo Optical DO Sensor	7	\$1,960	Missing over multiple year inventory reviews
3519	SUNA v2 submersible ultraviolet nitrate analyzer	7	\$28,295	Missing over multiple year inventory reviews
3544	Sea-Bird Coastal una V2 5mm, Freshwater Calibration	7	\$29,496	Missing over multiple year inventory reviews
2900	CR1000 Data Logger	17	\$1,350	Missing over multiple year inventory reviews
2901	CR1000 Data Logger	17	\$1,350	Missing over multiple year inventory reviews
2032	Binding Machine	29	\$1,269.65	End of Life
3037	Spacesaver Shelving Unit	13	\$4,805.70	End of Life
3314	A753 addWave GSM Quad, Cable Mount, Solar Set, Signal Converter	8	\$3,080	End of Life
3315	PF440 Minronics Ultraflow U3000B Portable Ultrasonic Flowmeter	8	\$6,660	End of Life
3344	SPADCPCOMP Tablet	8	\$15,941.84	End of Life
3345	SPEXTRG Extended Rang Module	8	\$2,088.84	End of Life
3352	Campbell Scientific Datalogger	8	\$1,070	End of Life
3369	Satel HPR2 Base Accessory Kit for Survey Equipment	8	\$1,197	End of Life
3370	HEICA RH16 Long-Range Bluetooth for Survey Equipment	8	\$1,403	End of Life

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Pam Shaw, Chief, Office of Finance

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

DATE: December 2, 2022

RE: October 2022 Financial Report

**RECOMMENDATION**

Approve the October 2022 Financial Report and confirm the expenditures of the District.

**BACKGROUND**

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

PS/tm  
Attachments

**Suwannee River Water Management District  
Cash Report  
October 2022**

<b>Financial Institution/Account</b>	<b>Monthly Interest</b>	<b>Interest Rate %</b>	<b>Closing Balance</b>
First Federal Permit Fee	\$0.00		\$500.00
First Federal Accounts Payable	\$0.00		\$35,000.00
First Federal EFT Disbursements	\$0.00		\$0.00
First Federal Depository	\$531.29	0.07%	\$728,998.55
Special Purpose Investment Account (SPIA)*	<u>\$41,187.54</u>	1.17%	<u>\$39,808,321.13</u>
TOTAL	<u><u>\$41,718.83</u></u>		<u><u>\$40,572,819.68</u></u>

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

**Suwannee River Water Management District  
Statement of Sources and Uses of Funds  
For the Month ending October 31, 2022  
(Unaudited)**

	<b>Current Budget</b>	<b>Actuals Through 10/31/2022</b>	<b>Variance (Under)/Over Budget</b>	<b>Actuals As A % of Budget</b>
<b>Sources</b>				
Ad Valorem Property Taxes	\$ 6,525,588	\$ 3,484	\$ (6,522,104)	0.1%
Intergovernmental Revenues	\$ 52,029,453	\$ 72,314	\$ (51,957,139)	0.1%
Interest on Invested Funds	\$ 130,000	\$ 41,627	\$ (88,373)	32.0%
License and Permit Fees	\$ 163,000	\$ 25,090	\$ (137,910)	15.4%
Other	\$ 1,086,480	\$ 371,681	\$ (714,799)	34.2%
Fund Balance <sup>1</sup>	\$ 11,358,880	\$ 27,744	\$ (11,331,136)	0.2%
<b>Total Sources</b>	<b>\$ 71,293,401</b>	<b>\$ 541,939</b>	<b>\$ (70,751,462)</b>	<b>0.8%</b>

	<b>Current Budget</b>	<b>Expenditures</b>	<b>Encumbrances <sup>2</sup></b>	<b>Available Budget</b>	<b>%Expended</b>	<b>%Obligated <sup>3</sup></b>
<b>Uses</b>						
Water Resources Planning and Monitoring	\$ 12,179,535	\$ 276,302	\$ 6,739,462	\$ 5,163,771	2%	58%
Acquisition, Restoration and Public Works	\$ 48,736,400	\$ 146,824	\$ 22,093,982	\$ 26,495,594	0%	46%
Operation and Maintenance of Lands and Works	\$ 6,283,343	\$ 223,160	\$ 918,369	\$ 5,141,814	4%	18%
Regulation	\$ 2,040,044	\$ 110,361	\$ 65,006	\$ 1,864,677	5%	9%
Outreach	\$ 216,027	\$ 12,613	\$ -	\$ 203,414	6%	6%
Management and Administration	\$ 1,838,052	\$ 116,464	\$ 114,046	\$ 1,607,541	6%	13%
<b>Total Uses</b>	<b>\$ 71,293,401</b>	<b>\$ 885,725</b>	<b>\$ 29,930,866</b>	<b>\$ 40,476,810</b>	<b>1%</b>	<b>43%</b>

<sup>1</sup> Actual Fund Balance used is recorded at the end of the fiscal year. This amount represents Fund Balance used for the Agricultural and RIVER Cost-Share, Regional Water Resource Development, and Project Effectiveness Metrics Programs.

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

<sup>3</sup> Represents the sum of expenditures and encumbrances as a percentage of the available budget.

This financial statement is prepared as of October 31, 2022 and covers the interim period since the most recent audited financial statements.

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**  
**FOR 10/31/2022**

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<b><u>Report Recap -</u></b>			
<b>REVENUES</b>			
DISTRICT REVENUES	441,881	0	7,905,068
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	33,901,473
FEDERAL REVENUES	72,314	0	18,127,980
FUND BALANCE UTILIZATION	27,744	0	11,358,880
<b>TOTAL REVENUES</b>	<b>541,939</b>	<b>0</b>	<b>71,293,401</b>
<b>EXPENDITURES</b>			
SALARIES AND BENEFITS	483,650	0	7,483,656
CONTRACTUAL SERVICES	179,583	13,766,061	21,716,230
OPERATING EXPENDITURES	212,129	178,552	2,277,800
OPERATING CAPITAL OUTLAY	6,763	0	283,044
FIXED CAPITAL OUTLAY	0	173,743	4,766,000
INTERAGENCY EXPENDITURES	3,600	15,812,510	34,766,671
<b>TOTAL EXPENDITURES</b>	<b>885,725</b>	<b>29,930,866</b>	<b>71,293,401</b>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<b>(343,786)</b>	<b>(29,930,866)</b>	<b>0</b>
<b><u>General Fund -</u></b>			
<b>REVENUES</b>			
DISTRICT REVENUES	59,666	0	5,645,906
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	2,740,000
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	0	0	2,018,723
<b>TOTAL REVENUES</b>	<b>59,666</b>	<b>0</b>	<b>10,404,629</b>
<b>EXPENDITURES</b>			
SALARIES AND BENEFITS	370,082	0	5,635,346
CONTRACTUAL SERVICES	300	741,504	2,378,602
OPERATING EXPENDITURES	74,755	100,970	1,429,573
OPERATING CAPITAL OUTLAY	5,943	0	170,608
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	0	608,450	790,500
<b>TOTAL EXPENDITURES</b>	<b>451,080</b>	<b>1,450,924</b>	<b>10,404,629</b>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<b>(391,414)</b>	<b>(1,450,924)</b>	<b>0</b>
<b><u>Land Management Operations -</u></b>			
<b>REVENUES</b>			
DISTRICT REVENUES	371,681	0	2,259,162
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	2,291,119
FEDERAL REVENUES	0	0	40,000
FUND BALANCE UTILIZATION	0	0	1,988,062
<b>TOTAL REVENUES</b>	<b>371,681</b>	<b>0</b>	<b>6,578,343</b>
<b>EXPENDITURES</b>			
SALARIES AND BENEFITS	66,429	0	959,447
CONTRACTUAL SERVICES	18,537	573,311	3,089,398
OPERATING EXPENDITURES	137,374	77,582	776,227
OPERATING CAPITAL OUTLAY	820	0	112,436
FIXED CAPITAL OUTLAY	0	173,743	766,000
INTERAGENCY EXPENDITURES	0	233,205	874,835
<b>TOTAL EXPENDITURES</b>	<b>223,160</b>	<b>1,057,841</b>	<b>6,578,343</b>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<b>148,521</b>	<b>(1,057,841)</b>	<b>0</b>

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**  
**FOR 10/31/2022**

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<b><u>District Special Revenue -</u></b>			
<b>REVENUES</b>			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	27,744	0	5,033,941
<b>TOTAL REVENUES</b>	<b>27,744</b>	<b>0</b>	<b>5,033,941</b>
<b>EXPENDITURES</b>			
SALARIES AND BENEFITS	0	0	0
CONTRACTUAL SERVICES	27,744	1,718,631	2,050,000
OPERATING EXPENDITURES	0	0	30,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	0	1,339,573	2,953,941
<b>TOTAL EXPENDITURES</b>	<b>27,744</b>	<b>3,058,204</b>	<b>5,033,941</b>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<b>0</b>	<b>(3,058,204)</b>	<b>0</b>
<b><u>State Special Revenue -</u></b>			
<b>REVENUES</b>			
DISTRICT REVENUES	10,535	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	28,870,354
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	0	0	2,318,154
<b>TOTAL REVENUES</b>	<b>10,535</b>	<b>0</b>	<b>31,188,508</b>
<b>EXPENDITURES</b>			
SALARIES AND BENEFITS	45,774	0	872,863
CONTRACTUAL SERVICES	60,688	6,404,037	9,614,000
OPERATING EXPENDITURES	0	0	36,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	4,000,000
INTERAGENCY EXPENDITURES	3,600	10,373,282	16,665,645
<b>TOTAL EXPENDITURES</b>	<b>110,062</b>	<b>16,777,319</b>	<b>31,188,508</b>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<b>(99,527) *</b>	<b>(16,777,319)</b>	<b>0</b>
<i>*To be reimbursed by State Grants</i>			
<b><u>Federal Special Revenue -</u></b>			
<b>REVENUES</b>			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	72,314	0	18,087,980
FUND BALANCE UTILIZATION	0	0	0
<b>TOTAL REVENUES</b>	<b>72,314</b>	<b>0</b>	<b>18,087,980</b>
<b>EXPENDITURES</b>			
SALARIES AND BENEFITS	1,365	0	16,000
CONTRACTUAL SERVICES	72,314	4,328,578	4,584,230
OPERATING EXPENDITURES	0	0	6,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	0	3,258,000	13,481,750
<b>TOTAL EXPENDITURES</b>	<b>73,679</b>	<b>7,586,578</b>	<b>18,087,980</b>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<b>(1,365) *</b>	<b>(7,586,578)</b>	<b>0</b>
<i>*To be reimbursed by Federal Grants</i>			

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Christina Green, Budget Manager, Office of Finance

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

DATE: December 2, 2022

RE: Fiscal Year 2023-2024 Preliminary Budget

**RECOMMENDATION**

Approve the Preliminary Budget for Fiscal Year 2023-2024 of \$68,542,527 and authorize the Executive Director to make recommended adjustments, as necessary, to submit the standard format preliminary budget by January 15, 2023, in accordance with Section 373.535, Florida Statutes.

**BACKGROUND**

Section 373.535, Florida Statutes, requires the water management districts to submit a standard format preliminary budget for the next fiscal year for legislative review by January 15 of each year. The preliminary budget must be submitted to the President of the Senate, the Speaker of the House of Representatives, and the chair of committees and subcommittees with substantive or fiscal jurisdiction over the water management districts.

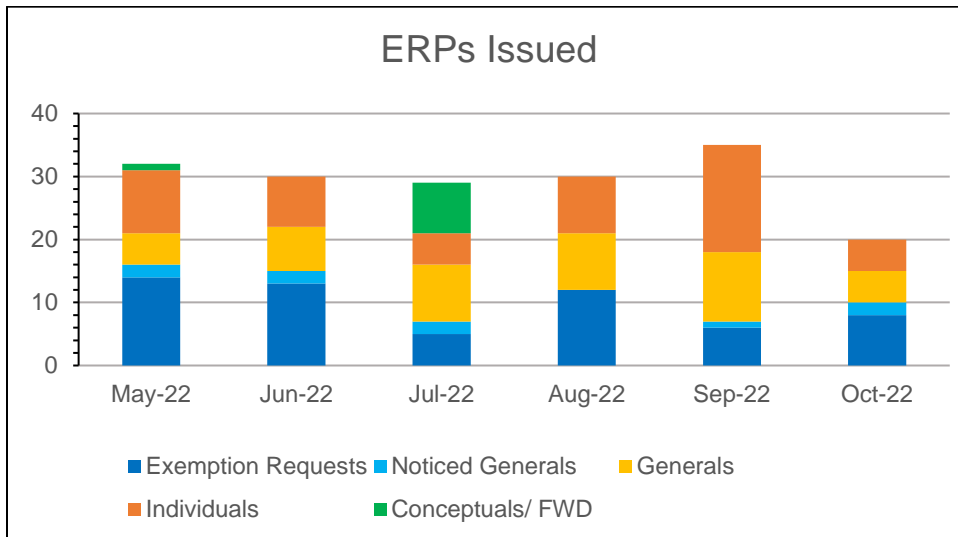
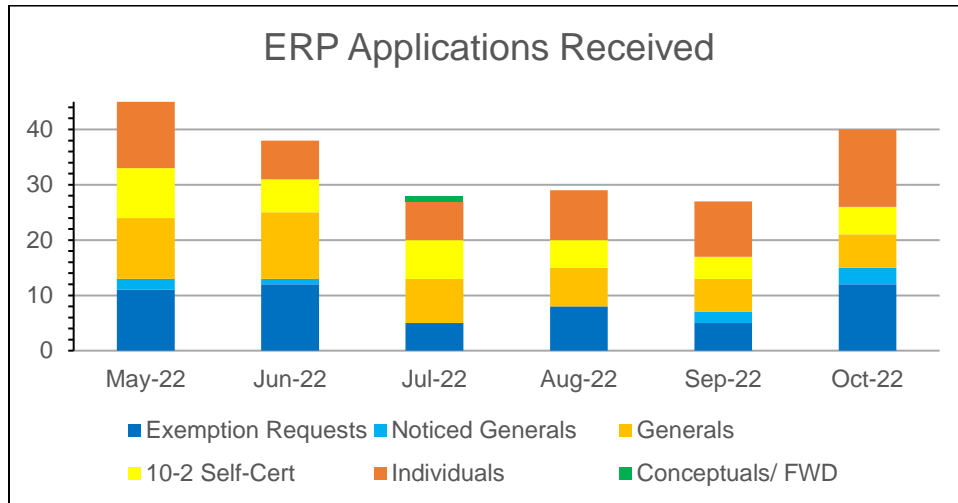
The preliminary budget submitted for review is balanced by fund, properly utilizes restricted funds, and provides for expenditures as designated and as defined by the Governmental Accounting Standards Board Statement No. 54.

CG/tm

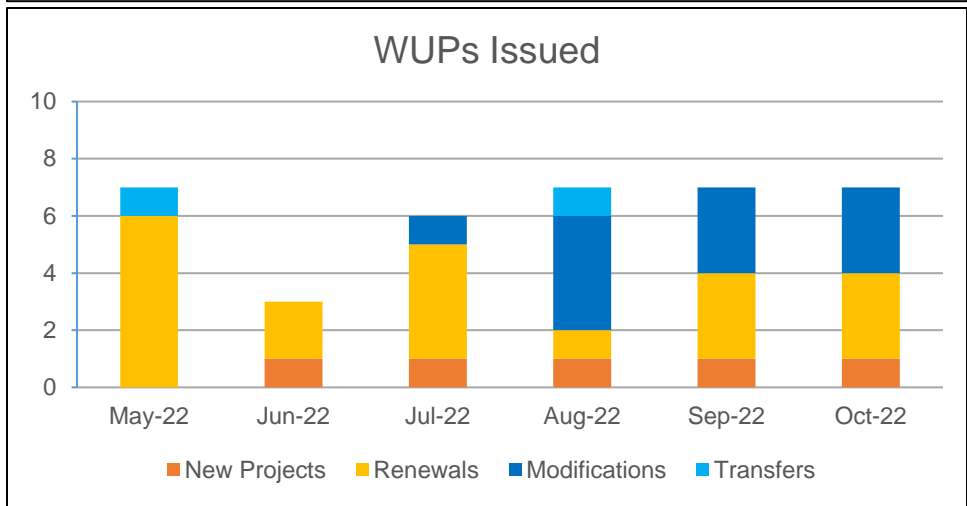
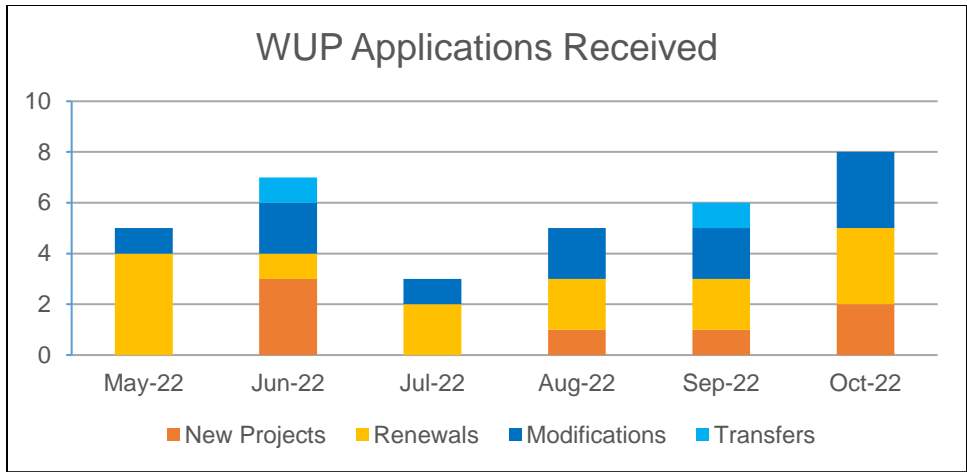
SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

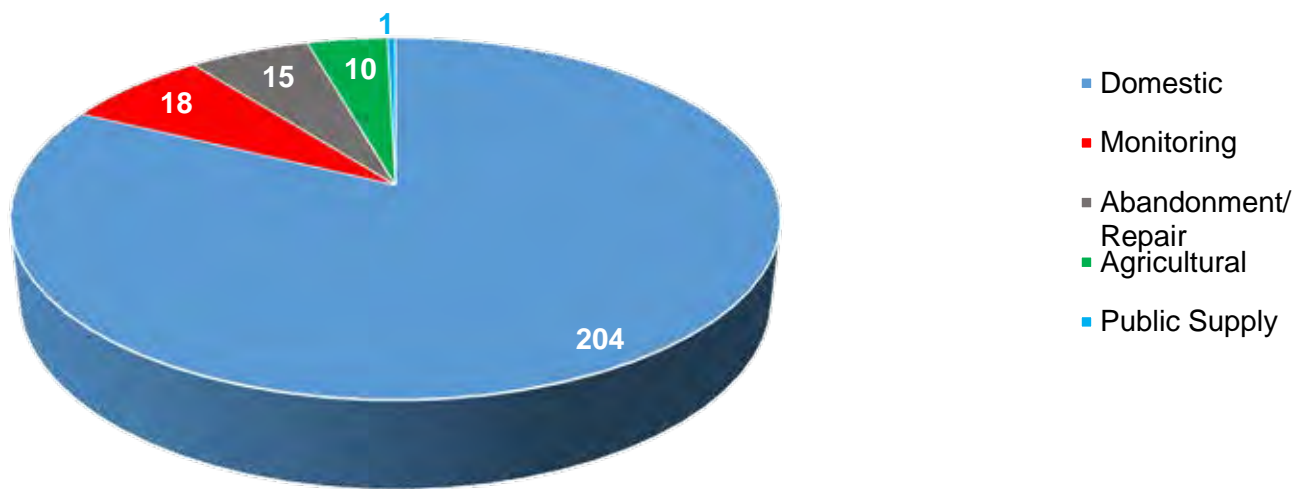
TO: Governing Board  
FROM: Warren Zwanka, Director, Division of Resource Management  
THRU: Tim Alexander, Deputy Executive Director, Business and Community Services  
DATE: December 2, 2022  
RE: Permitting Summary Report







### Water Well Permits Issued - October 2022



**40B-8.121 Lake Santa Fe MFL**

GB Authorized Rulemaking	11/8/2022
Notice of Rule Development	
Public Workshop	12/16/2021
Notice of Proposed Rule	
Notice of Rule Change	
File with DOS	
<b>Effective Date</b>	

**40B-8.121 Lake Hampton MFL**

GB Authorized Rulemaking	1/11/2022
Notice of Rule Development	
Public Workshop	1/26/2022
Notice of Proposed Rule	
Notice of Rule Change	
File with DOS	
<b>Effective Date</b>	

**40B-400.091 ERP Stormwater (AH Vol. II)**

GB Authorized Rulemaking	5/10/2022
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
File with DOS	
<b>Effective Date</b>	

**40B-3.035 Materials Incorporated by Ref**

GB Authorized Rulemaking	7/12/2022
Notice of Rule Development	8/4/2022
Public Workshop	
Notice of Proposed Rule	8/19/2022
Notice of Rule Change	9/15/2022
File with DOS	10/20/2022
<b>Effective Date</b>	<b>11/10/2022</b>

**40B-3.101 Content of Application**

GB Authorized Rulemaking	7/12/2022
Notice of Rule Development	8/4/2022
Public Workshop	
Notice of Proposed Rule	8/19/2022
Notice of Correction	9/15/2022
File with DOS	10/20/2022
<b>Effective Date</b>	<b>11/10/2022</b>

**40B-3.411 Completion Report**

GB Authorized Rulemaking	7/12/2022
Notice of Rule Development	8/4/2022
Public Workshop	
Notice of Proposed Rule	8/19/2022
Notice of Correction	9/15/2022
File with DOS	10/20/2022
<b>Effective Date</b>	<b>11/10/2022</b>

**40B-4.1010 Policy and Purpose**

GB Authorized Rulemaking	4/12/2022
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
File with DOS	
<b>Repealed</b>	

**40B-4.1040 Permits Required**

GB Authorized Rulemaking	4/12/2022
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
File with DOS	
<b>Effective Date</b>	

**40B-4.3035 Minimum O&M Standards**

GB Authorized Rulemaking	4/12/2022
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
File with DOS	
<b>Repealed</b>	

**40B-4.1070 Exemptions**

GB Authorized Rulemaking	8/9/2022
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
File with DOS	
<b>Effective Date</b>	

**ERP/ WUP Compliance Agreements:**

Item 146373 – Richard Parker (Parker Sod) – Replanting approx. 0.45 acres of wetlands

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Warren Zwanka, Director, Division of Resource Management

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

DATE: November 28, 2022

RE: Variance Request, Cornerstone Crossing at 47, Columbia County

**RECOMMENDATION**

Confirm staff's assessment that the request from Lake City 47, LLC for a variance from 40B-400.091, Florida Administrative Code, and the provisions of Section 3.3 and 3.6.6 of the Environmental Resource Permit Applicant's Handbook, Volume II (Handbook) to construct a stormwater system in Columbia County under ERP-023-234495-2 does not meet section 120.542, Florida Statutes, criteria.

**BACKGROUND**

The District received a petition from Scott Stewart of Lake City 47, LLC to permanently waive two Environmental Resource Permit Applicant's Handbook Volume II (Handbook) rule requirements to complete application ERP-023-234495-2: a variance from Section 3.3 closed-basin stormwater design criteria, and a variance from Section 3.6.6 zero-rise requirement for projects placing obstructions within floodways and dynamic flood zones

Section 120.542, Florida Statutes (F.S.), provides that petitioners are required to demonstrate that application of a rule would create a substantial hardship or would violate the principles of fairness, and that the purpose of the underlying statute will be or has been achieved by other means. Hardships cited by the petitioner include additional economic costs, rule changes that were not publicly noticed during the project's development, and that earthen berms placed in the floodway do not fit the definition of structures.

As set forth in Section 124.54, F.S., the economic costs of regulations are stipulated during the development of each rule, with significant public noticing required for any rulemaking process. District regulatory staff have made the consistent interpretation and application of rules their highest priority since the last statewide rule consistency and rulemaking effort in 2013. Furthermore, the Handbook requires the petitioner's engineer to certify that structures within a floodway will not obstruct flows or increase flooding; to that end, an earthen berm is considered to be a structure.

For Handbook section 3.3, the petitioner states that post-development impacts would be minimal based on the calculated post-development discharge rates, which is correct as they currently meet rule requirements for closed basins. However, the use of rates to justify the petitioner's inability to meet any of the required post-development volumes does not satisfy the requirement of achieving the underlying statute.

Cannon and Clay Hole creeks are classic stream-to-sink systems as described in Handbook rule language for closed basins. They are also dynamic, or flowing, systems that require a zero-rise analysis when obstructions are placed in their floodways. For Handbook section 3.6.6, the petitioner's calculated rise in flood elevation of 0.28 ft. exceeds the 0.01 ft. rule requirement and, therefore, does not satisfy the requirement of achieving the underlying statute. Based on these findings, staff concludes the petitioner has not met Section 120.542, F.S., requirements for the requested variances.

WZ/tm

Attachments

October 5, 2022

Suwannee River Water Management District  
9225 CR 49  
Live Oak, FL 32060

**(a) Petition for variance from Ch 40B-400.091, Florida Administrative Code:**

Subject: SR 47 PROPERTY, ERP-023-234495-2, COLUMBIA COUNTY

**(b) Petitioner:** Lake City 47, LLC  
426 SW Commerce Drive, Suite 130  
Lake City, FL 32025

**(c) Agent:** Terry R. White, Jr., P.E.  
North Florida Professional Services, Inc.  
PO Box 3823  
Lake City, FL 32056  
386-752-4675  
[twhite@nfps.net](mailto:twhite@nfps.net)

**(d) The applicable portion of the rules:**

1. 40B-400.091 Publications and Agreements Incorporated by Reference Suwannee River Water Management District Applicant's Handbook Volume II – Section 3.3 Discharge rates and volumes and;
2. SRWMD Applicants Handbook Volume II – Section 3.6.6 “No-Rise” Requirements for Floodways

**(e) The citation to the statute the rule is implementing:**

1. SRWMD Applicants Handbook Volume II – Section 3.3: For projects which fall within an internally drained, stream to sink or closed-lake watershed retention systems shall be utilized.
2. SRWMD Applicants Handbook Volume II - 3.6.6 “No-Rise” Requirements for Floodways: For any structure placed within a floodway, including a Work of the District, a Florida licensed engineer shall certify that such structure will not obstruct flows or increase the one percent annual chance of flood elevations by more than 0.01 feet. Certification shall include step-backwater calculations using the one percent annual chance of flood discharge rate.

**(f) Type of variance requested:**

1. SRWMD Applicants Handbook Volume II – Section 3.3 Discharge rates and volumes: A permit variance from “For projects which fall within an internally drained, stream to sink or closed-lake watershed retention systems shall be utilized.”
2. SRWMD Applicants Handbook Volume II – Section 3.6.6 “No-Rise” Requirements for Floodways: A permit variance from “For any structure placed within a floodway, including a Work of the District, a Florida licensed engineer shall certify that such structure will not obstruct flows or increase the one percent annual chance of flood elevations by more than 0.01 feet. Certification shall include step-backwater calculations using the one percent annual chance of flood discharge rate.”

**(g) Facts that demonstrate hardship:**

**Economic Impacts Relating to Hardship**

The Cornerstone Crossing development is a key project for the State Road 47 and I-75 Exit at Lake City’s key southern entry. With a quality mix plan of restaurant, gas, retail, and hotel planned it will be a key draw for new economic growth to the area. With current lot configuration the development is economically viable and priced for the marketplace.

The development was planned and reviewed years ago with the understanding that the plan could not be submitted to process until the FEMA map revision occurred. The review at this time has taken a different view of the design which would cause severe impact if not cancellation of the development.

- a. The change to larger retention due to this project determined to now be in a closed basin looks to remove at least two of the lots and add significantly to the construction cost for much larger ponds which would impact the hillside terrain.
- b. The retention pond expansion will require extensive retaining walls not in the current design again adding significantly to the cost.
- c. The reduction of the lots available when combined with the increased construction cost will easily have an effect of \$1,500,00 - \$2,000,000 making this project unlikely to proceed.
- d. The cumulative effect on lost development growth opportunities for the community and the key interchange improvements has a much greater impact of loss.

## Technical Impacts Relating to Hardship

1. Project site design was begun prior to the District declaring this area as part of a closed basin (Clay Hole and Cannon Creeks). Therefore, all of the calculations with regard to the volume of water that needed to be treated was calculated based on post-development peak discharge equaling or being less than the post-development peak discharge which it was. Based on the then current regulations, the District did not require that the retention system, be dry or control cumulative volume (post ≤ pre). The project **was not** mothballed, but the developer had to wait for final approval of a LOMR from FEMA that took five (5) years due to COVID, FEMA changing review teams three (3) times, and the last review team asking for a complete remodeling of the entire Cannon Creek Basin with updated data. I say this to say, that the delay was not the fault of the developer and as previously stated the work on the LOMR and the site design and calculations began prior to the District declaring this area as closed. The change was made without public notification which was not legally required by District Counsel, but which due to the potential considerable impact on developments (private & public) would have been considerate.
2. The requirement for a “No Rise” certification was changed by SRWMD during the ongoing design of this project. Up until that point as stated in the Applicants Handbook Zero Rises were only performed when structures were placed in the floodway. The floodplain was considered static and the floodway dynamic. This changed due to District concerns and despite the statement as related in the Applicant’s Handbook, Staff began to interpret the floodplain as “dynamic” not “static.” The Applicants Handbook identifies dynamic floodplain as floodway in the following: **“3.6 Dynamic floodplain (or floodway) areas occur in riverine systems” and “3.6.5 Floodplain elevations for dynamic systems (floodways).”** Due to this change in interpretation the District has since required Zero Rise modeling to be performed in both the floodway and the floodplain and has typically held the line on the 0.01 foot allowable increase as quoted below from Applicants Handbook Volume II, Section 3.6.6: **For any structure placed within a floodway, including a Work of the District, a Florida licensed engineer shall certify that such structure will not obstruct flows or increase the one percent annual chance of flood elevations by more than 0.01 feet. Certification shall include step-backwater calculations using the one percent annual chance of flood discharge rate.**

Again, this project was well underway prior to the District making this change in interpretation (early in 2020). The Applicant’s Handbook verbiage has not changed and still refers to “any **structure** placed within a floodway.” This

project has no structures within the floodway and only earthen berms within the floodplain.

**(h) The reason the variance or waiver requested would serve the purpose of the underlying statute:**

1. The reasoning behind using only dry ponds for closed basins is that it is very difficult to have the cumulative volume of the post-development condition be less than or equal to that of the pre-development condition. That is due to the fact that if the water is being allowed to bleed out of a wet detention pond it will be part of the cumulative volume. The supposed issue is that the additional water will flood the areas downstream. The flow of water just downstream of the intersection of Clay Hole Creek and Cannon Creek (SR 47) is approximately, 5,810 cfs (see Peak Discharge from Clay Hole and Cannon Creek's Downstream of Project). The discharge from the Cornerstone Property on SR 47 for both pre & post conditions is right at 9 cfs or 0.15% of the total flow in the Creek at the time of maximum peak discharge (see attached Ponds Modeling Data and Graphical Flow Representation). This means that the greatest impact that 9 cfs could have on the maximum flow would be 0.0015 feet of elevation at maximum flow. Due to the timing by the District for implementation and the minimal impact that the additional flow will have, we request that the variance from the stated rule be granted.
2. As stated herein, not only has an appropriate level of compensating storage been provided as per rule, a Zero Rise calculation was also performed that showed that the berms in the floodplain do not impact structures on either side of Clay Hole Creek. The highest level of rise was 0.28 foot (Station No. 17322.3 F) which is well below the allotted 1-foot for impacts in the floodplain. Those Zero Rise calculations are submitted with this variance and show that both additional stations downstream of SR 47 experience no flooding impact (Station Nos. 15731.7 & 15190.0). The purpose of the statute is to avoid negative impacts on other structures. It has been shown that the amount of fill not only has been addressed as part of compensating storage, but that the volume of fill will have no negative impact on any structures.

**(i) Permanent waiver/variance requested**

It is our wish that a permanent waiver or variance be granted for the following:

1. Due to the timing of implementation and considering the minimal impact that additional discharge will have on structural flooding, we request a



variance from the stated rule and that this project be allowed to utilize wet detention with a bleeder orifice.

2. Due to the timing of the implementation of the "No Rise" requirements for projects within the floodplain and the fact that the Applicant's Handbook has not changed that wording to prohibit structures in the floodplain, we request a variance from the stated rule and that this project be allowed to have fill in the floodplain of Clay Hole Creek.

If you need additional information, please do not hesitate to contact us at your earliest convenience. Thank you for your consideration.

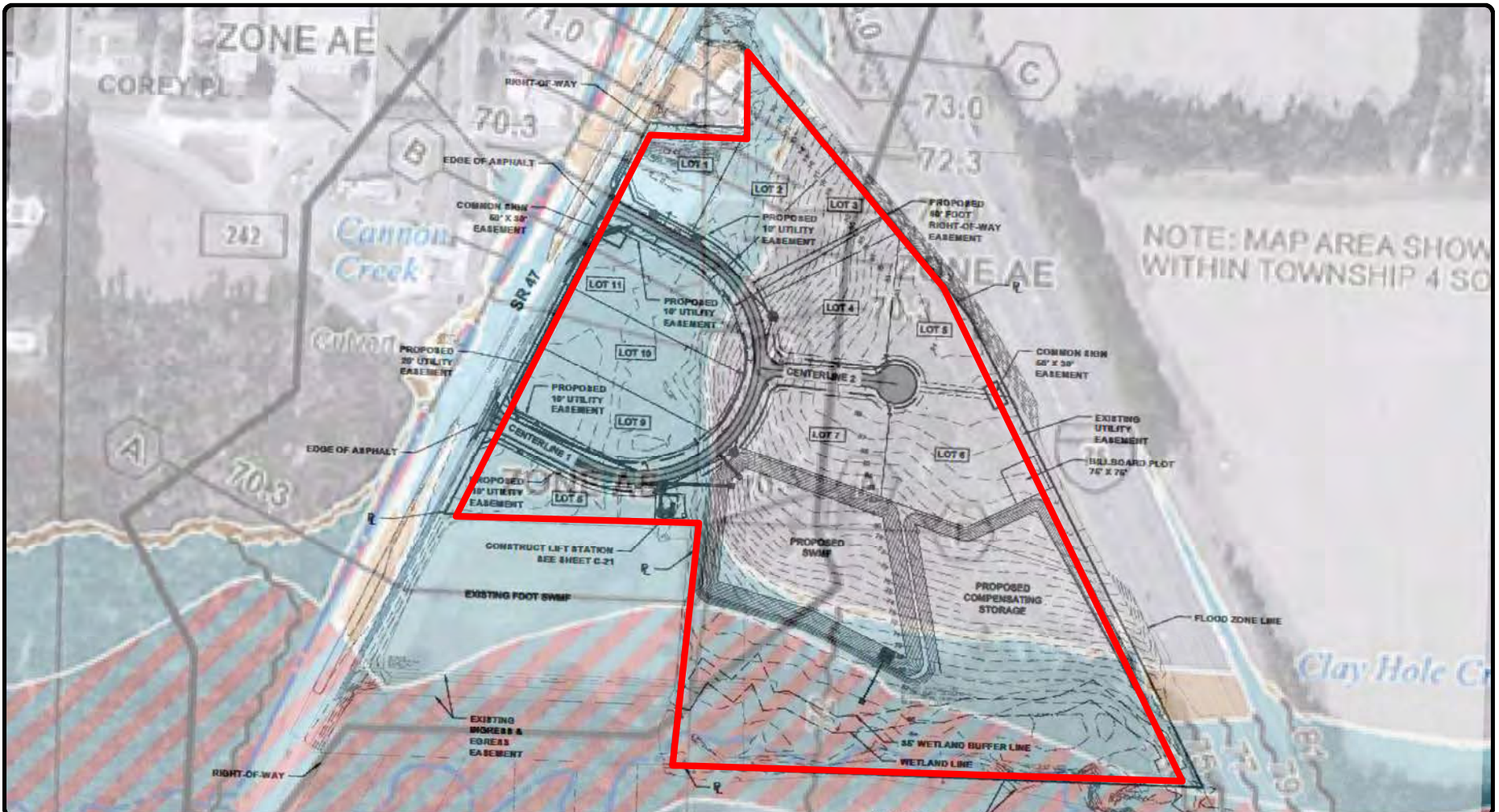
Sincerely,



Scott D. Stewart  
Manager  
Lake City 47, LLC

Attachments:

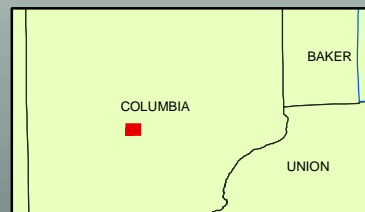
1. Attachments for Variance No. 1
2. Attachments for Variance No. 2



## Cornerstone Crossing at 47 Project

ERP-023-234495-2

December 2022



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

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Warren Zwanka, Director, Division of Resource Management

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

DATE: December 2, 2022

RE: Rulemaking to Amend Rules 40B-3.037, 40B-3.504, and 40B-3.517; and Repeal Rule 40B-3.902, Florida Administrative Code

**RECOMMENDATION**

Authorize staff to amend water well construction rules 40B-3.037, 40B-3.504, and 40B-3.517; and repeal rule 40B-3.902, Florida Administrative Code.

**BACKGROUND**

This recommended rulemaking includes publishing a Notice of Rule Development, publishing a Notice of Proposed Rule, and filing the proposed rules and any changes that do not change the intent of the rulemaking with the Florida Department of State if no objections are received. It also includes authorizing the Executive Director to certify that violations of rules 40B-3.037, 40B-3.504, and 40B-3.517 would be minor violations pursuant to section 120.695, Florida Statutes. The intent of the rule amendments shown in attachment are as follows:

- 40B-3.037, Florida Administrative Code (F.A.C.) (Water Well Contractor Licensing) – Amendments correct citations to documents incorporated by reference.
- 40B-3.504, F.A.C. (Location) – Amendment corrects an inaccurate statutory citation.
- 40B-3.517, F.A.C. (Grouting and Sealing):
  - (1) Repeal eliminates an unnecessary grouting requirement in the 100-year floodplain.
  - (2)-(6) Amendments eliminates rules that are either duplicative or conflict with grouting and sealing requirements in rule 62-532.500, F.A.C.
  - (8) Amendments add clarifying language and correct a statutory citation.
  - (9) Repeal eliminates a rule that is duplicative of rule 62-532.500(3)(i)7., F.A.C.
  - (10) Amendments add clarifying language to the manner that lost-circulation material is applied when sealing well casing.
- 40B-3.902, F.A.C. (Forms and Instructions) - Repeal removes references to obsolete and unused forms.

These amendments will be presented to the North Central Florida Water Well Association in a rule workshop held on or before January 19, 2023. They also clarify existing rule or reduce regulatory burdens, therefore, staff has determined that the requested rulemaking will have no adverse impact on the regulated public.

WZ/tm  
Attachment



#### **40B-3.037 Water Well Contractor Licensing.**

Minimum standards for licensing water well contractors shall be in accordance with Chapter 62-531, F.A.C., ([August 7, 2019](#)), which is incorporated by reference in subsection 40B-3.035(2), F.A.C., which also includes the [Water Well Construction Disciplinary Guidelines and Citations Dictionary](#) (June 22, 2014), which is incorporated by reference in ~~paragraph 40B-3.035(2)(a), F.A.C. [Water Well Contractor Disciplinary Guidelines and Procedures Manual](#).~~ The licensing program shall be administered and enforced by the District under the authority delegated to it by the Department.

*Rulemaking Authority 373.044, 373.113, 373.171 FS. Law Implemented 373.046, 373.308, 373.309, 373.323 FS. History—New 7-1-85, Amended 8-15-89, 6-22-99, [\[DATE\]](#).*

#### **40B-3.504 Location.**

Wells shall be located so as not to pose a threat of contamination to the ~~groundwater~~ ~~water~~ resource. Minimum spacing between wells ~~and sanitary hazards shall be as specified in Table 1 of Chapter 62-532, F.A.C., (February 16, 2012), which is incorporated by reference in subsection 40B-3.035(3), F.A.C. and surface waters or sanitary hazards such as septic tanks, drainfields, or cesspools shall be as specified by Section 381.272, F.S., and the respective rules of the Department or DOH.~~ Wells shall not be located on lands below the 100-year flood elevation of the Suwannee River system defined as the 100-year floodplain of the Suwannee, Alapaha, Withlacoochee, Santa Fe, and Aucilla Rivers when an alternative to such location exists on the property.

*Rulemaking Authority 373.044, 373.171, 373.309 FS. Law Implemented ~~17-101.040(12)(a)4., F.A.C.~~; 373.306, 373.308, 373.309, 373.113 FS. History—New 7-1-85, Amended 4-4-91, 6-22-99, [\[DATE\]](#).*

#### **40B-3.517 Grouting and Sealing.**

Wells shall be grouted and sealed to protect the water resource from degradation caused by movement of waters along the well annulus either from the surface to the aquifer or between aquifers, and to prevent loss of artesian pressure in artesian aquifers. All wells shall be constructed and sealed using a method which insures that an open or unnaturally permeable annular space does not remain when a well is completed. All wells that are constructed in a manner which creates an annular space between the casing and the naturally occurring geologic formations will be grouted and sealed in accordance with the methodologies listed in [Chapter 62-532, F.A.C., \(February 16, 2012\), which is incorporated by reference in subsection 40B-3.035\(3\), F.A.C. this section.](#)

~~(1) In order to prevent possible migration of surface waters down the annulus any well located on lands below the 100 year flood elevation of the Suwannee River system defined as the 100 year floodplain of the Suwannee, Alapaha, Withlacoochee, Sante Fe, and Aucilla Rivers shall have a minimum six inch thickness of grout to a depth of two feet below natural land surface and be in accordance with the methodologies listed in this section.~~

~~(2) Wells obtaining water from a consolidated formation and having a casing less than four inches in diameter shall have a nominal one inch thickness of grout sealing the annular space. Duplicative of 62-532.500(3)(i)4., F.A.C.~~

~~(3) Wells obtaining water from a consolidated formation and having a casing diameter equal to or greater than four inches in diameter shall have a nominal two inch thickness of grout sealing the annular space. Duplicative of 62-532.500(3)(i)4., F.A.C.~~

~~(4) Where confining beds are present, grout shall extend from the bottom of the casing to the top of or ten (10) feet into the confining bed overlying the producing aquifer, whichever is less.~~

~~(5) Where confining beds are not present, grout shall extend from the bottom of the casing to the top of the producing aquifer.~~

~~(6) To prevent interchanges of water when multiple aquifers or zones are penetrated, grout shall extend from the bottom of the casing to the top of the uppermost confining bed or ten (10) feet into the uppermost bed, whichever is less.~~

~~(1) (7) Telescoping casings may be used provided that casings of different diameters are joined with an~~

appropriate overlap and any annular space be grouted or sealed with watertight packers.

~~(2) (8)~~ Grouting and sealing of well casings not driven or jetted into place water wells shall be accomplished in the following manner unless otherwise authorized granted a variance by the District in accordance with Section 373.326(1), F.S. 420.542, F.S.

(a) ~~The composition~~ Composition of neat cement grout used shall consist of 5.5 to 6.0 gallons of water per cubic foot or 94-pound sack of Portland cement, or a mixture of 6.5 gallons of water per sack of Portland cement, with three to five pounds of Bentonite not to exceed 5% by weight.

(b) The minimum set time for grouting of casing before drilling operations may continue shall will be 12 hours.

(c) The casing shall be centered in the borehole prior to grouting and sealing.

(d) ~~Neat In all cases, neat~~ cement grout shall will be introduced into the annular space from bottom to top.

~~(9) Other approved methods and materials may be used if deemed by District staff to be reasonable, and assurance is given for resource protection.~~ [Duplicative of 62-532.500(3)(i)7., F.A.C.]

~~(3) (40)~~ In those cases where, during grouting operations, circulation of the neat cement grout is lost so that the annular space being grouted cannot be filled in one continuous operation, a tremie pipe shall be installed in the annular space to a point immediately above the zone of lost circulation; and the annulus shall be filled from bridged at that point by clean sand or rock sand and/or other suitable material introduced in a manner that prevents bridging within the annular space through the pipe until a level is reached at which grouting can be continued.

Rulemaking Authority 373.044, 373.171, 373.309 FS. Law Implemented ~~17-101.040(12)(a)4., F.A.C.;~~ 373.306, 373.308, 373.309, 373.113 FS. History—New 7-1-85, Amended 4-4-91, 10-16-94, 6-22-99, [DATE].

#### **40B-3.902 Forms and Instructions. (REPEALED)**

~~The District maintains forms that are available upon request for permitting of water wells. All District forms pertaining to water wells may be obtained at District Headquarters or requested by mail or telephone, and are hereby incorporated by reference as follows:~~

~~(1) 40B-3-1 State of Florida Permit Application to Construct, Repair, Modify, or Abandon a Well, December 1995;~~

~~(2) 40B-3-3 Well Completion Report, December 1995;~~

~~(3) 40B-3-4 Application for a State Water Well Contractor's License, November 1998;~~

~~(4) 40B-3-5 Application for Renewal of a Water Well Contractor's License, February 1999; and~~

~~(5) 40B-3-6 Permit Reassignment Request Form, November 1998.~~

Rulemaking Authority 373 FS. Law Implemented 120.53, 120.54(14) FS. History—New 6-22-99, Repealed [DATE].

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Ashley Stefanik, Chief, Office of ERP and Environmental Compliance

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

DATE: December 2, 2022

RE: Environmental Resource Permit Application Number ERP-029-241949-1, Cothron One-Acre Lot - Seawall and Dock, Dixie County

**RECOMMENDATION**

Administrative Denial, without prejudice, Environmental Resource Permit application ERP-029-241949-1, submitted by Forrest Cothron for failure to provide a complete permit application within allotted timeframes.

**BACKGROUND**

This application for the construction of an approximate 8,000ft<sup>2</sup> barn, seawall, and dock within the floodway of the Suwannee River in Dixie County was received on January 31, 2022. On March 2, 2022, District staff emailed a request for additional information (RAI) requesting several items including the permit application fee, signed application, signed and sealed plans, and a restoration plan for a clearing violation on the property with a response due date of May 31, 2022. On June 15, 2022, a partial RAI response containing an incomplete uniform mitigation assessment method (UMAM) analysis was received. On July 14, 2022, staff emailed a second RAI restating the originally requested items and additional comments related to the UMAM analysis. To date, a complete application has not been submitted by the applicant. A summary of staff actions to assist the applicant, Forrest Cothron, with completing the permit application are detailed in the attached staff report.

An 18-day letter was mailed to the agent on October 17, 2022; and, to date, an RAI response has not been received by staff. On November 15, 2022, District staff informed the applicant that this application would be brought to the December Governing Board with a recommendation for administrative denial and commencement of enforcement proceedings if a complete response was not received. If approved, staff will close this application and proceed with compliance action to address a clearing violation on the same parcel.

AS/tm  
Attachments

GENERAL ENVIRONMENTAL RESOURCE PERMIT  
TECHNICAL STAFF REPORT  
APPLICATION NO.: ERP-029-241949-1

**Applicant:** Forrest Cothron  
Saltwater Builders  
19685 SE Highway 19  
Old Town, FL 32680-5362

**Project Name:** Cothron One-Acre Lot - Seawall and Dock

**Project Acreage:** 1.023 acre

**County:** Dixie

**Recommended Agency Action**

Administrative Denial, without prejudice, Environmental Resource Permit application ERP-029-241949-1, submitted by Forrest Cothron for failure to provide a complete permit application within allotted timeframes.

**Project Review Staff**

Mary Diaz, P.E., Professional Engineer, Sarah Corbett, Environmental Scientist IV, and Ashley Stefanik, P.E, Regulatory Office Chief, reviewed the project.

**Project Location**

The proposed project is located on parcel number 08-08-14-6871-0002-0030 within Township 8 South, Range 14 East, Section 8 of Dixie County.

**Project Description**

This application for the construction of an approximate 8,000ft<sup>2</sup> barn, seawall, and dock within the floodway of the Suwannee River was received on January 31, 2022. On March 02, 2022, District staff emailed and mailed a Request for Additional Information (RAI) requesting several items including the permit application fee, signed application, signed and sealed plans, and a restoration plan for a clearing violation on the property with a response due date of May 31, 2022. On June 15, 2022, a partial RAI response containing an incomplete UMAM analysis was received. On July 14, 2022, staff emailed a second RAI restating the originally requested items and additional comments related to the UMAM analysis. To date, a complete application has not been submitted by the applicant. A summary of staff actions to assist the applicant in completing the permit application are detailed below:

<b>DATE</b>	<b>ACTION</b>
01/31/2022	Application received
03/02/2022	1RAI sent
05/23/2022	1RAI response due date reminder sent
6/15/2022	Partial 1RAI response received

7/14/2022	2RAI sent
10/03/2022	2RAI response due date reminder sent
10/17/2022	18-day letter sent
11/8/2022	Email to applicant stating the application would be brought to the December 2022 Governing Board with a staff recommendation of administrative denial
11/10/2022	Letter mailed to applicant stating the application would be brought to the December 2022 Governing Board with a staff recommendation of administrative denial, followed with a phone call to the agent






### Cothron One-Acre Lot - Seawall and Dock

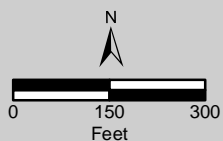
ERP-029-241949-1

December 2022



 Property

**2019 Aerial**



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created on 11/8/2022



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Ashley Stefanik, Chief, Office of ERP and Environmental Compliance

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

DATE: December 2, 2022

RE: Environmental Resource Permit Application Number ERP-029-241241-1, Roberts Seawall, Dixie County

**RECOMMENDATION**

Administrative Denial, without prejudice, of Environmental Resource Permit application ERP-029-241241-1, submitted by Ronnie Roberts, for failure to provide a complete permit application within allotted timeframes.

**BACKGROUND**

This application for the construction of a seawall within the floodway of the Suwannee River in Dixie County was received on October 28, 2021. The application included only a partially filled, unsigned application form. On November 18, 2021, District staff emailed a request for additional information (RAI) requesting several items including the permit application fee, signed application, signed and sealed plans, proof of ownership, and a zero-rise certification with a response due date of February 16, 2022. On June 3, 2022, an RAI extension was granted with a due date of September 01, 2022. On October 6, 2022, a response was received with a partial Uniform Mitigation Assessment Method analysis, and plans. On November 4, 2022, District staff emailed the applicant with comments on the partial RAI response and another request for the originally requested items. A summary of staff actions to assist the applicant, Ronnie Roberts, with completing the permit application are detailed in the attached staff report.

To date, a complete RAI response has not been received by staff. On November 15, 2022, District staff informed the applicant that this application would be taken to the December Governing Board with a recommendation for administrative denial if a complete response was not received.

AS/tm  
Attachments

GENERAL ENVIRONMENTAL RESOURCE PERMIT  
TECHNICAL STAFF REPORT 11-Oct-2022  
APPLICATION NO.: ERP-029- 241241 -1

**Applicant:** Ronnie Roberts  
2069 SW 40th AVE  
Bell, FL 32691

**Project Name:** Roberts Seawall

**Project  
Acreage:** 0.661 acre

**County:** Dixie

**Recommended Agency Action**

Administrative Denial, without prejudice, of Environmental Resource Permit application ERP-029-241241-1, submitted by Ronnie Roberts, for failure to provide a complete permit application within allotted timeframes.

**Project Review Staff**

Mary Diaz, P.E., Professional Engineer, Sarah Corbett, Environmental Scientist IV, and Ashley Stefanik, P.E., Regulatory Office Chief, reviewed the project.

**Project Location**

The proposed project is located on parcel number 08-08-14-6856-0000-0020 within Township 8 South, Range 14 East, Section 8 of Dixie County.

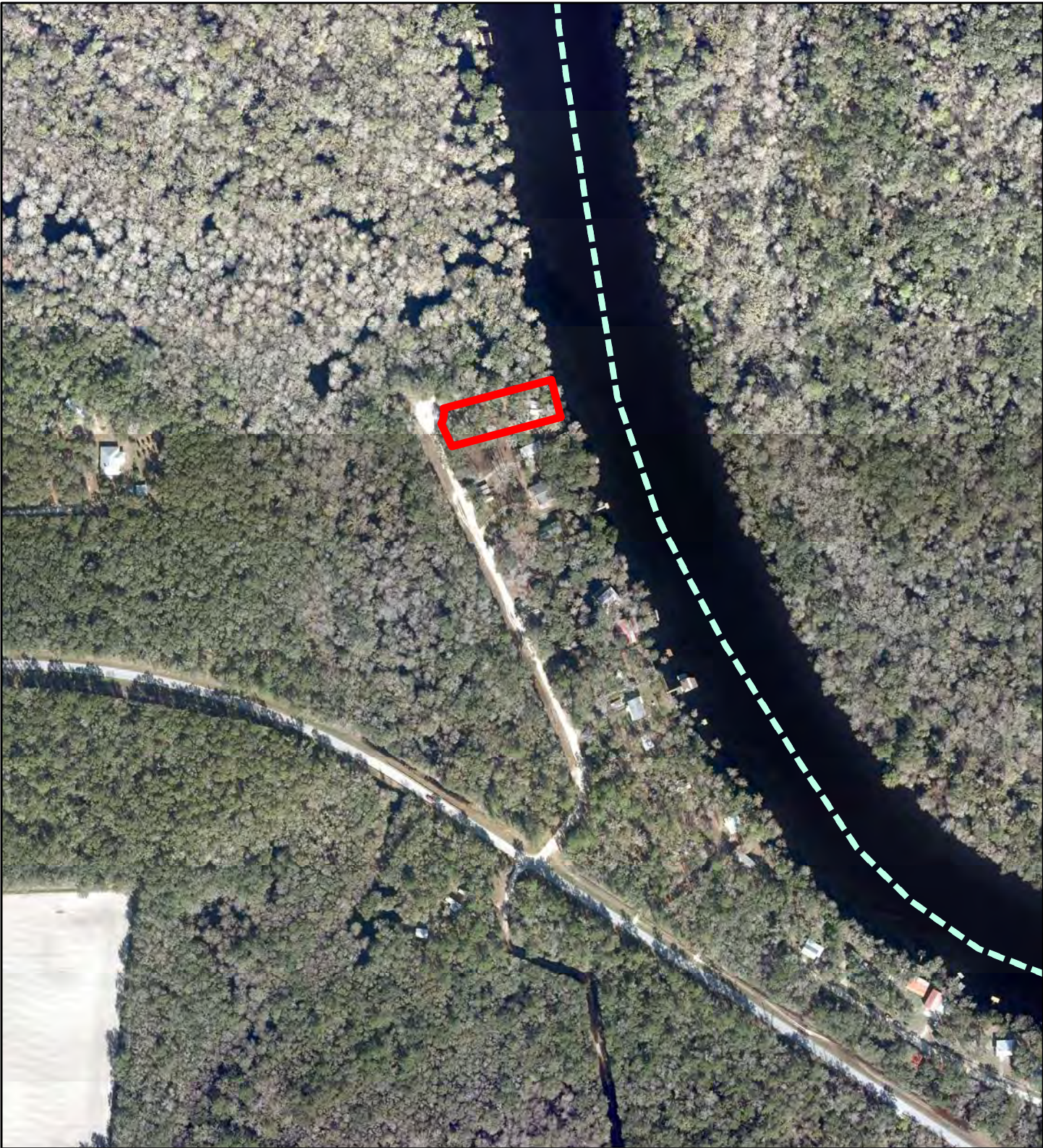
**Project Description**

This application for the construction of a seawall within the floodway of the Suwannee River in Dixie County was received on October 28, 2021. On November 18, 2021, District staff emailed a Request for Additional Information (RAI) requesting several items including the permit application fee, signed application, signed and sealed plans, proof of ownership, and a zero-rise with a response due date of February 16, 2022. On June 3, 2022, an RAI extension was granted with a due date of September 1, 2022. On October 6, 2022, a response was received with an incomplete UMAM analysis and plans. On November 4, 2022, District staff emailed the applicant with comments on the partial RAI response and another request for originally requested items. On July 14, 2022, District staff emailed a second RAI restating the items from the first RAI and additional comments on the incomplete UMAM analysis. To date, a complete application has not been submitted by the applicant. A summary of staff actions to assist the applicant in completing the permit application are detailed below:

<b>DATE</b>	<b>ACTION</b>
10/28/2021	Application received
11/18/2021	1RAI sent
02/07/2022	1RAI response due date reminder sent
3/08/2022	18-day letter sent
3/15/2022	Site inspection occurred
4/8/2022	Called agent and reminded them of 1RAI due date

4/11/2022	Called applicant and reminded them of 1RAI due date
4/12/2022	1RAI response extension request received
6/3/2022	1RAI response extension granted
9/14/2022	18-day letter sent
10/6/2022	Emailed applicant that RAI was past due, and that application would be taken to Board with a staff recommendation for administrative denial
10/6/2022	Partial 1RAI response received
11/04/2022	Emailed comments on 1RAI response and that application would be taken to Board with a staff recommendation for administrative denial
11/15/2022	Letter mailed to applicant stating the application would be brought to the December 2022 Governing Board with a staff recommendation of administrative denial, followed by a phone call





### Roberts Seawall

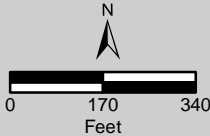
ERP-029-241241-1

December 2022



 Property

2019 Aerial



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created on 11/8/2022



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Bill McKinstry, Chief, Office of Land Management

THRU: Katelyn Potter, Director, Division of Outreach and Operations

DATE: November 30, 2022

RE: District Land Management and Twin Rivers State Forest Activity Summary

**BACKGROUND**

District staff attended the Florida Society of American Foresters/University of Florida School of Forest, Fisheries and Geomatic Sciences Fall Symposium at Austin Carey Forest on October 11-12.

District staff toured the newly acquired Steinhatchee Springs – Pinehatchee Addition to discuss management opportunities, map roads, natural communities, and other areas of interest.

District staff met with Florida Forest Service to discuss FY 24 Budget.

District staff attended the Big Shoals State Park, Big Shoals State Forest, and Big Shoals Public Lands Land Management Review on October 25-27.

Suwannee Bicycle Association held their Suwannee Fat Tire Festival on October 27-30. The event offered paddle trips, hiking trips, off-road, on-road and gravel bicycle rides. Approximately two hundred participants used trails on District lands.

AR Premier Events held The Cauldron Adventure Race in White Springs on October 28, with over 200 participants. Participants chose to participate in the 18 or 8-hour race. The participants trekked, bicycled, and paddled to complete the event. Most of the hiking and bicycling activities used trails on District lands.

District staff drafted a management agreement for Alachua Conservation Trust to manage the newly acquired Peacock Slough – Telford Springs addition.

District staff started treating invasive species for FY 23.

District staff had a compliance meeting with Florida Wildlife Commission (FWC) to complete the invasive species treatment on the Branford Bend Tract.

FWC and Florida Natural Areas Inventory started gopher tortoise monitoring project on the Owens Spring, Adams, Walker, and Ruth Springs Tract.

Gator Gobblers conducted a Women in the Outdoors and Youth Hunt on the Mud Swamp Tract November 12-13. They harvested one doe and two bucks.

Florida Forest Service (FFS) staff completed all post-harvest monitoring for the Ellaville #22 timber sale, along with the hardwood chipping addition areas.

The attached report summarizes the status of current District and TRSF activities for the preceding month.

**Conservation Easement Monitoring:** During the report period, no additional conservation easements were inspected by District staff.

**Vegetation Management Projects:** During the report period, approximately 35 acres of upland roller chopping was completed on the Mattair Springs Tract in Suwannee County.

In Fiscal Year 2023, vegetation management work will be conducted for fuel reduction, natural community restoration, and wildfire mitigation purposes.

Vegetation Management (10/01/2022 – 11/18/2022)

2023 ACTIVITY	ACRES	ACRES
	Planned	Complete
Herbicide	180	0
Roller Chop Uplands	400	35
Mallory Swamp Mow/Chop	700	0
Woods Mowing	2,000	0

**Invasive Plant Monitoring Program:** During the report period, infestations at Alligator Creek and High Springs Wellfield were monitored/treated by District staff.

Invasive Plant Treatments (11/01/2022 – 11/20/2022)

2023 ACTIVITY	INFESTATIONS	INFESTATIONS
	Planned	Complete
Invasive Plant	75	2

**Rare Species Monitoring/Surveying Program:** During the report period, no rare species monitoring, or surveying work was completed by staff.

Rare Species Monitoring/Surveying (10/01/2022 – 11/18/2022)

2023 ACTIVITY	LOCATIONS OR TRANSECTS	LOCATIONS OR TRANSECTS
	Planned	Complete
Rare Plant Monitoring	50	0
Gopher Tortoise Tract Surveys	3	0
Wading Bird Rookery Monitoring	6	0

**Prescribed Fire Program:** Contractors conducting prescribed burns on District lands include Attack-One Fire Management Services, B&B Dugger Inc., and Wildlands Services Inc. Also, included in this report are the acres the Florida Forest Service (FFS) prescribed burns on Twin Rivers State Forest (TRSF). When available, the FFS will provide a crew to burn additional acres on both District tracts and TRSF. No prescribed burning was conducted during the report period.



Prescribed Fire Summary Table (10/1/2022 – 11/18/2022)

	2023 TARGET ACRES	ACRES COMPLETED
SRWMD	7,500	0
FFS TRSF	1,500	0
TOTAL	9,000	0

**Timber Sales:** The District realized approximately \*\$2,794,086 in timber sale revenue for Fiscal Year 2022. As of November 28, 2022, the District has realized \*\$481,918 for Fiscal Year 2023.

*\*Estimate for this report only. Official accounting records have not been finalized at this time.*

Timber Sales Recently Completed

SALE NAME	COUNTY	ACRES	HARVEST TYPE	REVENUE
Ellaville #21	Madison	140	Clearcut	306,364.10
Ellaville #22	Madison	50	Thinning	10,648.50
Woods Ferry #6	Suwannee	105	Thinning	70,321.22
Steinhatchee Springs #19	Lafayette	330	Thinning	Pending
Steinhatchee Springs #22	Lafayette	298	Thinning	640,449.20

Open Timber Sales

SALE NAME	COUNTY	ACRES	HARVEST TYPE
Cuba Bay #2	Madison	315	Thinning
Steinhatchee Springs #20	Lafayette	208	Thinning
Steinhatchee Springs #21	Lafayette	366	Thinning
Seven Bridges #1	Jefferson	224	Thinning
Cabbage Grove #2	Taylor	222	Thinning
Mill Creek South #10	Madison	124	Thinning
Gilchrist Wellfield #1	Gilchrist	100	Thinning and Chipping
Natural Well Branch #3	Taylor	207	Thinning
Adams Tract #4	Lafayette	90	Thinning and Clearcut
Bell Springs #2	Columbia	43	Thinning and Clearcut
Sandlin Bay #9	Columbia	374	Thinning

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board  
FROM: Bill McKinstry, Chief, Office of Land Management  
THRU: Katelyn Potter, Director, Division of Outreach and Operations  
DATE: November 24, 2022  
RE: Ratification of Contract 21/22-176 with North Florida Timber Dealers, Inc.

**RECOMMENDATION**

Ratify contract 21/22-176 for the sale of timber with North Florida Timber Dealers, Inc., for the Woods Ferry #6 Timber Sale.

**BACKGROUND**

On June 2, 2022, the District issued an Invitation to Bid (ITB 21/22-019 OPS) for timber located on the Woods Ferry Tract in Suwannee County. The timber harvest is a 71-acre first thinning of poor growth 32-year-old longleaf pine. Due to the poor growth, many of the trees did not meet tree length pulpwood specifications and contractors were expected to merchandize the pre-merchantable trees as double bunk pulpwood. Bid responses were received on June 16, 2022, and North Florida Timber Dealers, Inc. (NFT) was contracted to harvest the timber at \$16.02/ton for merchantable pine timber. The contract was estimated to be under \$50,000 and therefore was not taken to the Governing Board for approval.

NFT began harvesting on August 24, 2022 and did an excellent job thinning and merchandizing undersized wood. Due to their performance, on July 16, 2022, staff added an additional 34 acres to harvest that was not included in the original contract due to unfavorable weather and site conditions at the time of the ITB. The contract was satisfactorily completed on October 24, 2022 and the revenue totaled \$70,321.22. The revenue exceeded the original sub \$50,000 estimate due to the difficulty estimating sub merchantable timber volumes and the additional acreage added to the contract. Staff believes the harvest has benefited the resource by enhancing the restoration of the natural community and recommends ratification of the contract.

SC/sh

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Alejandro Arteaga Garcia, Senior Data Analyst, Office of Hydrologic Data Services

THRU: Katelyn Potter, Director, Outreach and Operations

DATE: November 14, 2022

RE: Agricultural Water Use Monitoring Report

**BACKGROUND**

In September 2012, the District began a program of water use monitoring for agricultural water use reporting on wells 8 inches in diameter or greater.

As of November 14, 2022, the District is monitoring 1,519 (228.0 MGD) of a total 1,596 active permitted wells (237.5 MGD). The remaining 71 active wells not yet monitored are scheduled for site visits to determine the type of monitoring that will be implemented. An additional 297 proposed wells have yet to be drilled.

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 766 (144.1 MGD) monitoring points. The District currently employs telemetry on 263 (46.3 MGD) diesel-powered systems. There are currently 5 (0.75 MGD) self-monitored points.

Additionally, there are currently 485 (36.7 MGD) sites for which monitoring is currently not feasible. Staff visit these sites each year to reevaluate the feasibility of monitoring.

The attached figures show the current well status and monitoring type for all wells with water use monitoring conditions (Figure 1), and the status of flow data collection by source within the Districts' agricultural monitoring network (Figure 2).

## Agricultural Water Use Stations with Monitoring Conditions

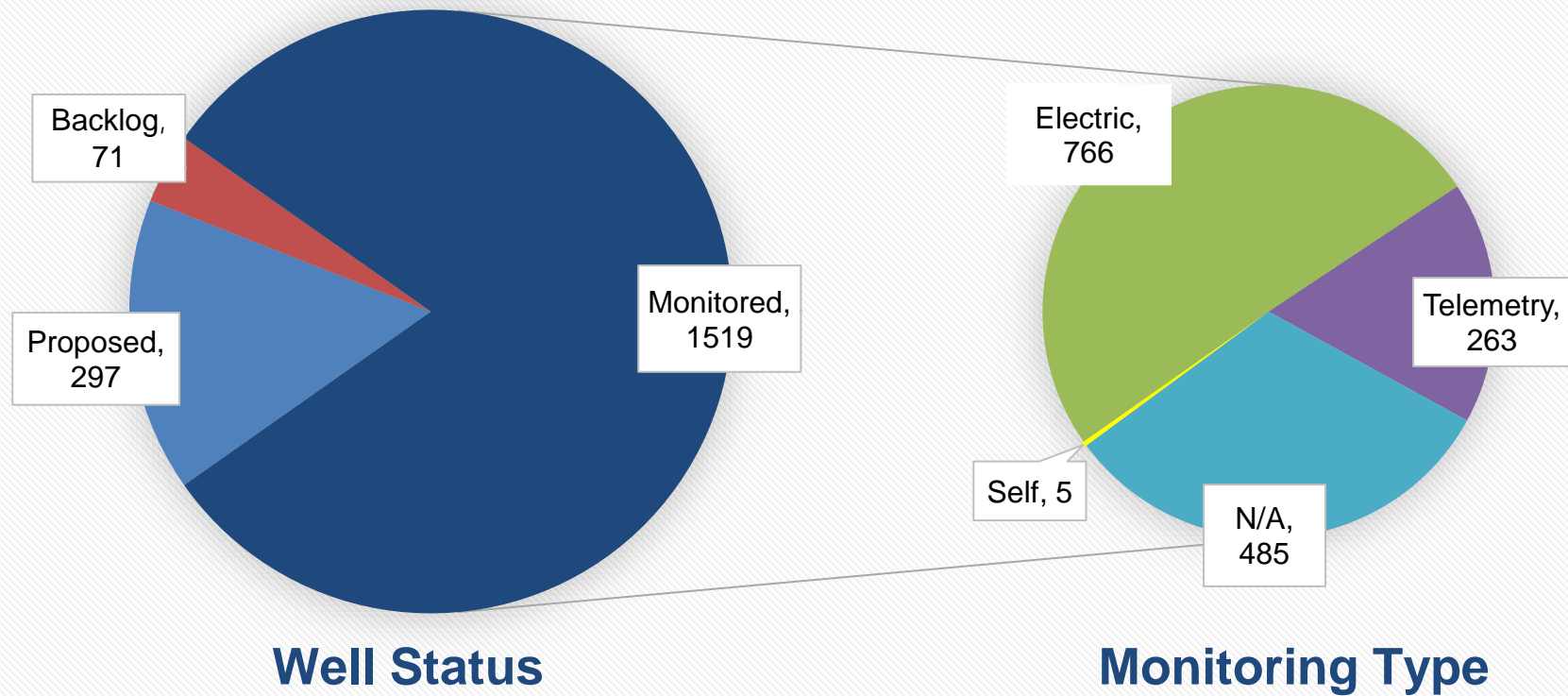
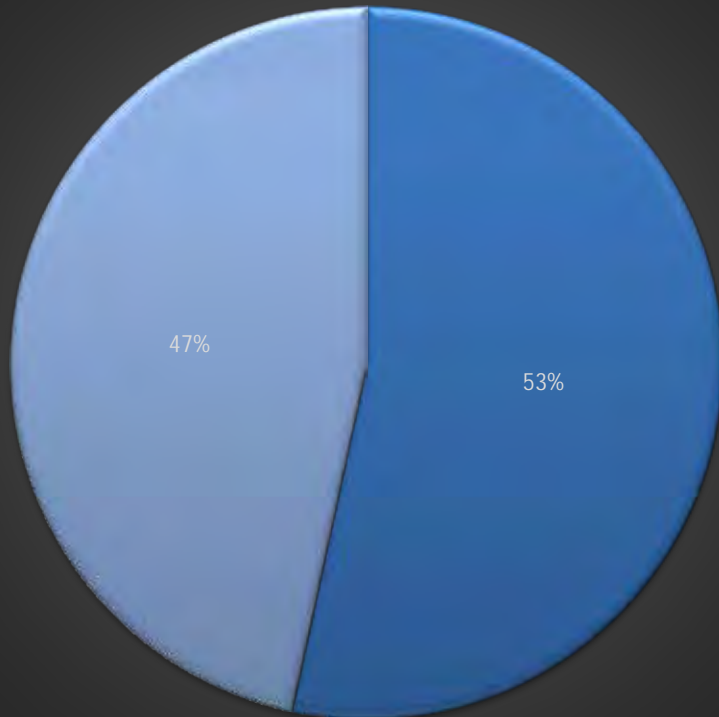


Figure 1. Well status and monitoring type for all wells with water use monitoring conditions as of November 14, 2022.

## Flow Data Collection Status



■ Sites with Unique Flow Recorded, 766  
■ Sites Needing Flow Information, 669

## Flows Recorded by Source

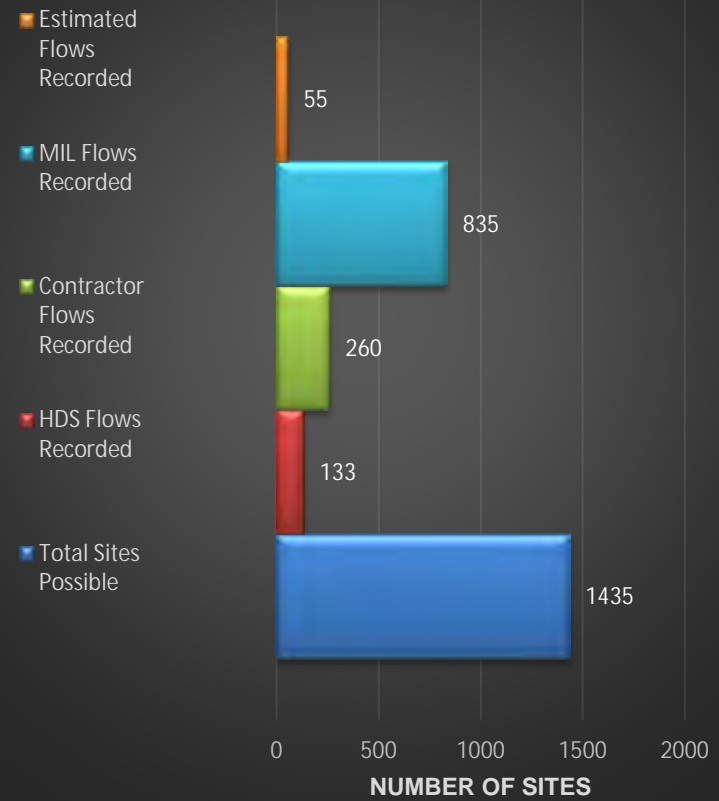


Figure 2. Status of flow data collection by source within the Districts' agricultural monitoring network as of November 14, 2022.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Leroy Marshall, Chief, Office of Agriculture and Environmental Projects

THRU: Amy Brown, Deputy Executive Director, Water Resources

DATE: December 2, 2022

RE: 2022 Federal Emergency Management Agency Risk Mapping and Planning Program Five-Year Business Plan

**RECOMMENDATION**

Accept the District's Fiscal Year 2022 Federal Emergency Management Agency Risk Mapping and Planning Program Five-Year Business Plan and authorize staff to submit the plan to the Federal Emergency Management Agency.

**BACKGROUND**

The District has been a Cooperating Technical Partner (CTP) implementing Federal Emergency Management Agency (FEMA)'s Map Modernization and Risk MAP programs for more than 20 years. Last year's update was approved by FEMA and proposed spending for Fiscal Year 2022 has been granted.

The business plan is the guidance District staff uses to plan and prioritize work within the District each year. District staff have worked with Atkins North America to produce this year's update, which outlines projected work for five years and provides a more detailed description of work for the present and next year.

The District's vision for the next five years is to address data gaps in the flood hazard data, improve flood risk delineation where new LiDAR is available, increase public awareness, lead engagement in mitigation planning, provide an enhanced digital platform for risk information and align risk analysis programs while improving the quality of Risk MAP products. The District plans to complete discovery with community stakeholders and resulting studies in all eight of the District's watersheds within the next five years.

LM/tm  
Attachment



# **SUWANNEE RIVER**

## **WATER MANAGEMENT DISTRICT**

# **FEMA Risk MAP Program Multi-year Mapping Plan Update**

**FY23-FY28**

**Last Revised November 9, 2022**

**Prepared for Suwannee River Water Management District by**

**ATKINS**

Member of the SNC-Lavalin Group

WR 2

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## Executive Summary

The Federal Emergency Management Agency's (FEMA) flood hazard maps are one of the essential tools for flood mitigation in the United States. FEMA has engaged in providing communities with flood information and tools they can use to enhance their mitigation plans and take action to better protect their citizens through the Risk Mapping, Assessment, and Planning (Risk MAP) program.

As part of a Cooperating Technical Partner (CTP) Agreement with FEMA, the Suwannee River Water Management District (the District) has accepted delegation and responsibility for the Risk MAP program for areas it governs within North Florida. There are fifteen counties, including Alachua, Baker, Bradford, Columbia, Dixie, Gilchrist, Hamilton, Jefferson, Lafayette, Levy, Madison, Putnam, Suwannee, Taylor, and Union, that are partially or completely within the District's boundaries. Prior to accepting the delegation for the Risk MAP program, the District had accepted delegation and responsibility for the Map Modernization program for all of the area it governs.

As part of the Risk MAP program, FEMA requested that all partners participating, including the District, update the Multi-year Mapping Plan (also known as the FEMA Business Plan), detailing their approach to implementing the initiative and how the activities will contribute to FEMA's Risk MAP goals and objectives. This FY23-FY28 Plan update provides District program highlights and funding requests for FY23 and beyond.

The vision for the 2000-2009 Map Modernization initiative was to develop a District-wide program that provides more accurate and complete flood hazard information for counties and communities within the District. At the end of the Map Modernization process, counties within the District had updated Digital Flood Insurance Rate Maps (DFIRMs) that incorporated selected new detailed studies, approximate studies, and/or existing FIRM maps converted to digital format. During Risk MAP the District initially coordinated between FEMA and the communities to identify areas of greatest concern for updates to the models and flood risk maps. As of FY18 all the watersheds of the District received the initial pass to identify areas of greatest concern and received funding to address them.

Starting in FY 18 as initial studies were being completed, the program began revisiting each watershed with a new round of Discovery and a plan to utilize LiDAR coverage to update or replace old or missing flood risk models with new LiDAR-based models in each watershed. The plan is using 2-D modeling on LiDAR for broad areas of Zone A and consolidating new detailed 1-D HEC-RAS models where Zone AE mapping is currently based on unverified or unconnected models. At the same time, SRWMD is coordinating closely with the communities, starting with the Discovery updates, to ensure their needs are met and they are included in the RiskMAP process from kick-off through to new effective maps. With these digital FIRMs and flood depth analyses, the District's ongoing emphasis on protection and acquisition of flood prone areas is further supported, and the flood protection goals and the non-structural floodplain management strategy of the SRWMD are being achieved.

Key drivers of this year's SRWMD FEMA business plan are to increase the level of outreach, community interaction, mitigation support, climate resilience, and social equity in our RiskMAP program. The heart of this plan is building a reliable and trusted flood risk model library that covers all land in the District. This foundation will provide non-regulatory flood depth and flood risk rasters for all properties. This coverage will also support FEMA's new Risk Rating 2.0 models to assess risk more accurately for each property. EThe newly awarded FY22 grant funds will support the next steps in: building and expanding this model library; updating regulatory maps; expanding and improving existing functions on the well-regarded District Flood Risk website (srwmdfloodreport.com); and strategic planning for and execution of community engagement.

Strategic planning will continue identifying key influencers and use a broader footprint to include and reach out to a broader cross-section of stakeholders. Integrating the District's planned climate resilience tool into the website will add another dimension to support community and citizens both for long-range thinking and planning in regard to flood risk. Seeking multiple paths to support community mitigation actions, especially making data needed for grants and planning easily available, will stretch our mitigation support investment as well. The net result intended is a broader network of stakeholders, users, and influencers who are engaged and understand how and where to find what they need to plan for and mitigate flood risk for themselves and their communities, both near-term and long-term.

An important element of the plan is taking advantage of new LiDAR, available November 2022, covering the District. New watershed-wide studies that have been funded in the Econfina-Steinhatchee, Waccasassa, Withlacoochee, Aucilla, and Alapaha watersheds were waiting on the new LiDAR and are getting underway during FY23-FY24. Current watershed-wide studies are already underway in the Suwannee and Santa Fe watersheds where good LiDAR already exists. Additionally the new LiDAR will be used to add a page to the District's flood risk reporting tool allowing property owners to also see the latest LiDAR topography for their property.

At the same time, a District 3-year public relations campaign funded by FEMA and conducted by the District's communications office is getting underway in parallel with specific ongoing outreach to stakeholders in the current studies underway in the Suwannee River, Santa Fe, and Aucilla watersheds. FEMA funding is being applied to increase public awareness, support FDEM with engagement in mitigation planning, provide an enhanced digital platform for risk information, and align risk analysis programs while improving the quality of Risk MAP products.

By conducting Discovery in each of the District watersheds on a five-to-seven-year cycle, and performing the resulting studies, resiliency outreach, panel revisions, and distribution of improved data; the District will both serve its mission and help FEMA meet its Risk MAP objectives. The District plans to revisit Discovery in each watershed on a cyclic basis, with priorities determined by monitoring growth and the needs in the watersheds during the ongoing outreach that is part of the District's mission.

The status of all the above projects is shown in Figure 3-1 of Chapter 3.

The District will facilitate the implementation of FEMA's Risk MAP Program through direct management and support of all-regulatory, engineering, and mapping activities within the

District's area. The District is committed to developing a fully integrated program that incorporates:

- § Discovery
- § Engineering and mapping (watershed level updates)
- § Independent QA/QC
- § Community outreach
- § Outreach via websites and training
- § Mitigation planning support in collaboration with Florida Department of Emergency Management

The results of these efforts are an ongoing program that allows for delivery of quality data that increases public awareness and leads to action that reduces risk to life and property. This will continue to be accomplished primarily through the use of FEMA grants to hire qualified contractors retained and overseen by the District.

For its management plan to be effectively implemented, the District will need the full support and involvement of all user communities, including local governments. To ensure the full engagement of its partners, the District will commit significant resources to manage stakeholder expectations through up front coordination, outreach, and customer service. Based upon our preliminary assessment, we anticipate that our current IT system will require ongoing upgrades to maintain and deliver products, and that the resources required to maintain the IT system either currently exist within the District or will be made available as needed during program development and implementation.

## **Chapter 1**

# **INTRODUCTION**

### **1.1 SRWMD Risk MAP Program Description**

This Cooperating Technical Partner (CTP) Business Plan describes District CTP multi-year flood risk map planning through the end of FY28 (September 30, 2028).

The Federal Emergency Management Agency's (FEMA) flood hazard maps are one of the essential tools for flood mitigation in the United States. Unfortunately, many of these maps have become outdated, especially in high growth and development areas including Florida. FEMA has established a broad goal of updating flood hazard maps nationwide. In addition, FEMA has engaged in providing communities with flood information and tools they can use to enhance their mitigation plans and take action to better protect their citizens through the Risk Mapping, Assessment, and Planning (Risk MAP) program. To achieve this goal, FEMA has acknowledged that collaborative partnerships with state, regional, and local/organizations will be necessary.

As part of a CTP Agreement with FEMA the Suwannee River Water Management District (the District) has accepted delegation and responsibility for the Risk MAP program for areas it governs within North Florida. There are fifteen counties, including Alachua, Baker, Bradford, Columbia, Dixie, Gilchrist, Hamilton, Jefferson, Lafayette, Levy, Madison, Putnam, Suwannee, Taylor, and Union, that are partially or completely within the District's boundaries. Prior to accepting the delegation for the Risk MAP program, the District had accepted delegation and responsibility for the Map Modernization program for all of the area it governs.

At this time, the small portions of Putnam County and Baker County within the District have not been included in the updates. Putnam and Baker Counties primarily fall within the Saint Johns River Water Management District and their map updates are being handled by FEMA directly. Where small portions of these counties fall within District watersheds any relevant map updates are provided to FEMA for incorporation in their maps and studies.

The District transitioned from Map Modernization to the Risk Map initiative beginning with FY10 Mapping Activities. The District vision for the Risk MAP initiative was initially to address data gaps in flood hazard data, improve flood risk delineation as new LiDAR becomes available, increase public awareness, assist the Florida Department of Emergency Management in mitigation planning, provide an enhanced digital platform for risk information, and align risk analysis programs while improving the quality of Risk MAP products. The District completed Discovery and all resulting studies (through preliminary mapping) in all 8 (eight) of the major FEMA HUC-8 Watersheds within the District; the District is continuing the Risk MAP cycle by returning to watersheds that have already completed their first round of Risk MAP updates and identifying any new community needs or data needs that have been revealed during subsequent mitigation actions, new growth, and/or flooding experience. For this second cycle of RiskMAP, currently

underway, 2-D watershed-wide models based on LiDAR are being funded and executed in order to provide all properties with model-backed flood risk reports. The District has sought and approved funding for Discovery and 2D studies in the Upper and Lower Suwannee Watersheds, the Santa Fe Watershed, the Withlacoochee, Econfina-Steinhatchee, Waccasassa, Aucilla, and Alapaha watersheds.

Studies in the Suwannee and Santa Fe watersheds are underway. With the release of newly updated District-wide LiDAR in November 2022, 2D studies are also scheduled to get underway during FY23 in Econfina-Steinhatchee, Withlacoochee, and Waccasassa watersheds. Partial 2D mapping of the Aucilla watershed is due for completion in FY24, at which time the new LiDAR will be used to complete the watershed in 2D and update the existing 2D models as needed.

The Risk MAP Multi-year Mapping Plan for FY23 through FY28 is based on continuing the Risk MAP cycle into a third round of studies in each watershed.

Key elements of the 3<sup>rd</sup> cycle are:

- Ongoing maintenance of the 2D watershed models created during the second cycle (as development and mitigation projects alter the landscape);
- Identifying and executing localized, more detailed flood risk modeling where needed;
- Addressing specific requests/needs identified by stakeholder communities during the Discovery process.

As new patterns of growth emerge, and Discovery reveals the need for additional funding, it is possible that one watershed may be swapped with another in future plans; but all watersheds will be revisited in the third cycle starting in FY23.

## **1.2 SRWMD Risk MAP Program History**

A brief history of the District Cooperating Technical Partnership with FEMA could begin with completion of FY04 Mapping Activities Statement (MAS) projects (Dixie, Gilchrist and Lafayette Counties- total amount \$904,000- leverage amount \$180,800\*), FY05 MAS projects (Suwannee and Columbia Counties – total amount \$1,060,000), FY06 MAS projects (Taylor and Union Counties – total amount \$1,000,000), and FY07 MAS projects (Hamilton, Levy and Madison Counties – total amount \$1,025,000). The District also completed management of the FY08 MAS project (Bradford County - total amount \$300,000), and the FY09 MAS for updating panels in Suwannee County in the vicinity of Live Oak total amount \$106,835. These map updates and conversion of paper maps to digital were accomplished under the FEMA Map Modernization Program, which ended in FY09 with the transition to Risk MAP in FY10. All work on these grants have been completed and the grants have closed.

Note that Fiscal Year grants are awarded at the end of the Fiscal Year and become available in the following year. For instance the FY20 grant became available in FY21.

The District integrated 3 other FY09 Map Modernization projects (Dixie, Gilchrist and Lafayette Counties -- total \$810,000 – leverage amount \$20,000) into the FY10 Risk MAP project for the Lower Suwannee Watershed (HUC8-03110205) which included detailed studies and redelineation in portions of Dixie, Gilchrist, Lafayette, and Levy Counties total funded amount \$1,354,000 – leverage amount \$129,000\*. The Lower Suwannee Risk MAP study completed the Physical Map Revisions for these counties and the new panels are effective. All work on this grant has been completed and the grant has been closed.

The District managed implementation of the FY11 FEMA Mapping Activities Statement (MAS) with detailed studies in the Santa Fe Watershed (HUC8 03110206) which includes portions of Union, Bradford, Columbia, Gilchrist, and Suwannee Counties (total amount \$1,022,920 – leverage amount \$347,920), as well as detailed studies for the Upper Suwannee Watershed (HUC8 03110201) which includes portions of Suwannee, Columbia, and Hamilton Counties (total amount \$1,043,799 – leverage amount \$246,467). The Upper Suwannee and Santa Fe watershed studies have also been completed and the updated panels became effective in 2018. All work on this grant has been completed and the grant closed out.

The FY12 MAS, consisting of Discovery for the Waccasassa Watershed and riverine studies in the Econfina-Steinhatchee Watershed (03110102) (total amount \$985,780; leverage amount \$285,780). Also funded under FY12 was integrating the Econfina-Steinhatchee riverine studies with Big Bend coastal modeling for a combined Preliminary map release and Post Preliminary Processing (\$420,000; leverage amount: \$0). The Big Bend coastal modeling was conducted by FEMA’s Professional Services contractors -- the models and resulting coastal flood risk mapping include coastal portions of Econfina-Steinhatchee Watershed, Lower Suwannee Watershed, and Waccasassa Watershed.

\*Risk MAP leverage amounts are based on District contributions of District and/or State-funded Orthophotos, LiDAR, GIS data, and staff time to the Risk MAP projects.

The resulting preliminary maps under the FY12 MAS merged coastal and riverine panel revisions in Econfina-Steinhatchee watershed with coastal panel revisions spanning Econfina-Steinhatchee, Lower Suwannee and Waccasassa watersheds (Note the coastal panels in the Waccasassa watershed are distinct from the riverine studies recommended under the FY12 Waccasassa Discovery grant. The Waccasassa riverine studies were funded under the FY14 grant, see below). The combined panel revisions in the Econfina-Steinhatchee watershed include portions of Taylor, Dixie, Levy, Gilchrist, and Levy County, and went effective in FY18. All work on this grant has been completed and the grant closed out.

Managed under the FY13 MAS is the Withlacoochee Watershed (03110203), which includes portions of Madison and Hamilton Counties (total amount \$430,000 – leverage amount \$130,000); and funding for Discovery in the Alapaha watershed. The Withlacoochee is a split study, with funding for preliminary panels and post-preliminary processing approved under the FY14 MAS (\$175,000 – leverage amount \$75,000); and

additional modeling on the Withlacoochee River funded under FY15 (\$65,000). A recent study undertaken by the District for minimum flows and levels in the Withlacoochee provided leverage allowing the FY15 Withlacoochee funds to be reallocated under a Special Problem Report (and MAS amendment) for conversion of this leverage study into Risk MAP, and the excess funds to help cover additional costs associated with the inclusion of FY09 Map Mod counties in the FY10 Lower Suwannee Risk MAP release. All work on the FY13 grant has been completed and the grant closed out.

The FY14 MAS funded the Waccasassa watershed studies as well (\$350,000 from FEMA plus leverage comprising LiDAR, aeriels, existing models of \$152,000). Waccasassa studies are complete and went effective January 28, 2022. Additional funding of \$45,000 to cover 19 additional panels impacted by the Waccasassa river modeling was approved under the FY18 grant. All work on the FY14 grant has been completed.

The FY15 MAS funded Discovery in the Aucilla Watershed (\$85,500; leverage \$4,500); as well as additional panel updates in the Econfina-Steinhatchee watershed based on increased extent of the coastal risk mapping (\$60,000); and the additional modeling on the Withlacoochee River (\$65,000) referenced above. All work on this grant has been completed.

The FY16 MAS represents a milestone in the Risk MAP program. With the FY16 grant the District completed its goal for reviewing and updating flood risk studies in all the major watersheds in its jurisdiction. The final two watersheds being studied are the Alapaha and Aucilla watersheds. Alapaha has completed Preliminary Mapping and Aucilla is expecting Preliminary submittal in 2022. Aucilla was the first watershed to include 2D mapping of a portion of the watershed and has been the test case for the best approaches to use for updating the existing Zone A (much of which is not model backed and has no depth data) with modern 2D modeled approximate Zone A which includes a depth grid. In addition, the District is leveraging the completion of these studies under Risk MAP and expanding its well-received flood risk reporting website to encompass many of the new Risk MAP digital products, such as depth grids, designed to improve community understanding of flood risk.

FY17 through FY22 grants have provided the District with a 2<sup>nd</sup> cycle of studies and the opportunity to complete its goal of fully updating the modeling that was started in the 1<sup>st</sup> round watersheds: Upper and Lower Suwannee, Santa Fe, Econfina-Steinhatchee, Withlacoochee, Waccasassa, Alapaha, and completion of 2D modeling in the Aucilla watershed – addressing all models that were identified by FEMA as unverified as well as any new community needs. FEMA also increased funding over this period for further public relations and outreach to accompany the new 2D watershed-wide modeling, as well as expansion of the website to incorporate the 2D depth grids and related products into the flood risk report. The funding also supports website updates to serve the models on which the new products are based. The amounts funded under these new grants are: FY17-\$1,018,000; FY18-\$1,718,594; FY19-\$1,873,150; FY20-\$2,136,750; FY21-\$1,904,527 and FY22-\$1,620,396.



Additional funding is included in the FY20 grant for expanded public relations and outreach in collaboration with the District communications office and a public relations firm selected by the District.

*Note – the Upper and Lower Suwannee River Watersheds in this context are referring to two USGS HUC basins of that name spanning the entire Suwannee River in Florida, and separated at the Withlacoochee confluence. Not to be confused with the SRWMD internal designations of upper, middle and lower Suwannee River areas of responsibility.*

FEMA requested that all partners participating, including the District, update the Risk MAP Multi-year Mapping Plan (Business Plan) detailing their approach to implementing the initiative and how the activities will contribute to FEMA’s Risk MAP goals and objectives. This Business Plan update provides District program highlights and funding requests through FY28. The broad objectives of the Risk MAP program as stated by FEMA and supported under this business plan are as follows:

- Flood Hazard Data. Address gaps in flood hazard data to form a solid foundation for risk assessment, floodplain management, and actuarial soundness of the [National Flood Insurance Program](#) (NFIP).
- Public Awareness/Outreach. Engage communities and ensure that a measurable increase of the public’s awareness and understanding of risk results in a measurable reduction of current and future vulnerability.
- Hazard Mitigation Planning. Lead and support States, local, and Tribal communities to effectively engage in risk-based mitigation planning resulting in sustainable actions that reduce or eliminate risks to life and property from natural hazards.
- Enhanced Digital Platform. Provide an enhanced digital platform that improves management of Risk MAP, steward’s information produced by Risk MAP, and improves communication and sharing of risk data and related products to all levels of government and the public.
- Alignment and Synergies. Align Risk Analysis programs and develop synergies to enhance decision-making capabilities through effective risk communication and management.
- Consideration of FEMA’s strategic plan to consider climate change impacts and equity concerns in program delivery.
- Consideration of Risk Rating 2.0 in the design and delivery of outreach and training
- Inclusion of program changes in reporting CTP performance measures.

## Chapter 2 VISION FOR SUPPORTING Risk MAP

### 2.1 Suwannee River Water Management District (SRWMD) Vision

The Suwannee River Water Management District was created by the Florida Legislature with the passage of the Water Resources Act of 1972, codified in Chapter 373 of the Florida Statutes. The District covers over 7,600 square miles of north central Florida. A listing of the Counties, population and flood insurance policy holders is shown in Table 2-1.

**Table 2-1  
SRWMD Counties Population and Flood Insurance Policies**

County	Population**	# of Policies*
Alachua	278,468	2458
Baker	28,259	173
Bradford	28,303	443
Columbia	69,698	673
Dixie	16,759	439
Gilchrist	17,864	182
Hamilton	14,004	47
Jefferson	14,510	75
Lafayette	8,226	132
Levy	40,915	887
Madison	17,968	89
Suwannee	43,474	478
Taylor	21,796	582
Union	16,147	57

\* Policy Information, August 31, 2022 <https://nfipservices.floodsmart.gov/reports-flood-insurance-data>

\*\*Population estimates, 2020 Census – <http://Data.Census.gov>

#### 2.1.1 Vision Overview

The District has been a cooperating technical partner with FEMA since 1999. Our vision from the outset is to build relationships with communities and community leaders that promote common understanding of flood risk, water quality risk and promote a common purpose of mitigating flood risk while protecting the waters of the District. We view steady improvement in flood risk forecasting and an equally steady improvement in the means to communicate risk as key. We are seeing improvement in regard to community understanding and trust in our FEMA flood risk maps, as well as acknowledgment of the importance of flood risk insurance and recognition of opportunities to mitigate flood risk at local and regional levels. The District currently provides individual flood risk reports to constituents at the parcel level through [srwmdfloodreport.com](http://srwmdfloodreport.com). Over the next five years, we look forward to a range of expanded capabilities to help fulfill our missions, including the improvement of digital flood risk modeling to encompass the entire District with model-backed flood risk data, robust Risk MAP data infrastructure; stronger links from Risk MAP to flood mitigation actions; better 3-dimensional depictions of flooding; deeper understanding of public perceptions and how best to communicate and motivate diverse segments of the public to learn their risk and take actions to mitigate it; GIS

integration of models and recorded flood elevations; and links to help property owners obtain elevation certificates and flood insurance, in complement to the goals and strategies that follow.

### **2.1.2 Flood Protection Goals**

The mission of the District is to implement the provisions of Chapter 373, Water Resources, and chapter 403, Environmental Control, Florida Statutes, to ensure the continued welfare of the residents and natural systems of north central Florida. Two of the major goals of the District are to minimize harm from flooding and to enhance public awareness, understanding and participation in water resource management.

Per Florida Administrative Code 62-40.458, Floodplain Protection, related District objectives are:

- Coordination with local, State and Federal governments;
- Pursue development of adequate floodplain protection information including flood level data;
- Jointly develop programs to acquire, protect and enhance floodplain functions and associated natural systems;
- Minimize incompatible activities; and
- Provide available floodplain delineation information.

The District operates under a nonstructural floodplain management policy adopted in 1979<sup>1</sup>. The policy was adopted to avoid the expense of constructing and maintaining flood control works as well as the environmental damage caused by such works. The nonstructural flood protection strategy is founded on accurate floodplain delineation and has been implemented through the following primary program activities:

- Mapping and modeling the floodplains and regulatory floodways of the five major rivers and tributaries;
- Regulating fill and development activity within designated regulatory floodways and floodplains;
- Acquiring and managing lands for floodwater storage, conveyance, and other conservation objectives;
- Assisting local governments with floodplain management responsibilities such as land use planning, development regulation, restoration activities, and public education and outreach;
- Providing Geographic Information System (GIS) data, technical assistance, and leadership within the region; and
- Providing technical and funding assistance to local governments in addressing flooding and stormwater management problems.

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<sup>1</sup> The District Water Management Plan describes the nonstructural flood protection policy and the approach used by the District to implement the policy.

The key elements of the nonstructural floodplain management policy have been very successful to date in reducing and eliminating environmental harm and the threat of flood damage. These key elements are regulations, land acquisition, GIS development, and public outreach and assistance. The District's Vision is to initiate a dedicated 5-year public relations outreach campaign focused on flood awareness at every level. Funding for implementing this vision is addressed under the FY2020 funding request.

### **2.1.3 District Water Management Regulations for Flood Protection**

District regulations currently prohibit activities that diminish floodwater conveyance in designated Works of the District Rivers using an innovative approach to implement the authorities granted under Chapter 373, Florida Statutes. Instead of constructing physical works to address flood hazards, the District's program reserves from use that land area necessary to convey the highest velocity flood waters from a 100-year flood event. In addition, District stormwater management regulations require use of the 100-year critical duration storm event as the primary engineering and design criterion for stormwater management facilities.

The second component of the District's non-structural floodplain management strategy is land acquisition and management. The Save Our Rivers, Preservation 2000 and Florida Forever programs have protected over 300,000 acres and 384 miles of river corridor lands, much of it in the 100-year flood plain, protecting the region's river systems, the public, and the public water supply.

### **2.1.4 District and Other Public Conservation Lands**

One of the major objectives of the District is to promote non-structural approaches to achieve flood protection and to protect and restore the natural features and functions of the 100-year floodplain. To that end, the District has undertaken acquisition of floodplain areas for the major rivers and natural storage areas throughout the District. Public ownership in perpetuity of these flood hazard areas assures the ability to retain and attenuate floodwaters, precludes inappropriate development or use of the flood hazard areas, and protects important environmental features of the lands.

The District acquires and manages lands for water management purposes, as authorized and directed by Chapter 373, Part V, Florida Statutes. Since 1983, the acquisition priority has been the voluntary sale of lands within the 100-year floodplain of the Suwannee River and its tributaries, and the floodplains of other rivers in the District. To date, the District has protected over 286,000 acres of land, most of which is floodplains, flood prone, hazardous, and/or environmentally sensitive. Figure 2-1 shows the public conservation lands in the District.

The public, through the District, is the single largest landowner of land along the Suwannee River and its tributaries. Many land tracts of significance have been acquired; current and future land acquisition priorities target in holdings, adjacent lands, and lands that enhance or improve the management of current holdings. Future priorities will target specific areas

to mitigate past flood damage and prevent inappropriate use or development of flood hazard areas.

Modernized flood hazard maps that use more detailed and accurate information are essential to the District’s continued future success in its land acquisition and management program. The updated and revised maps resulting from this project will allow the District to identify and target the most important flood hazard areas for public ownership and management.

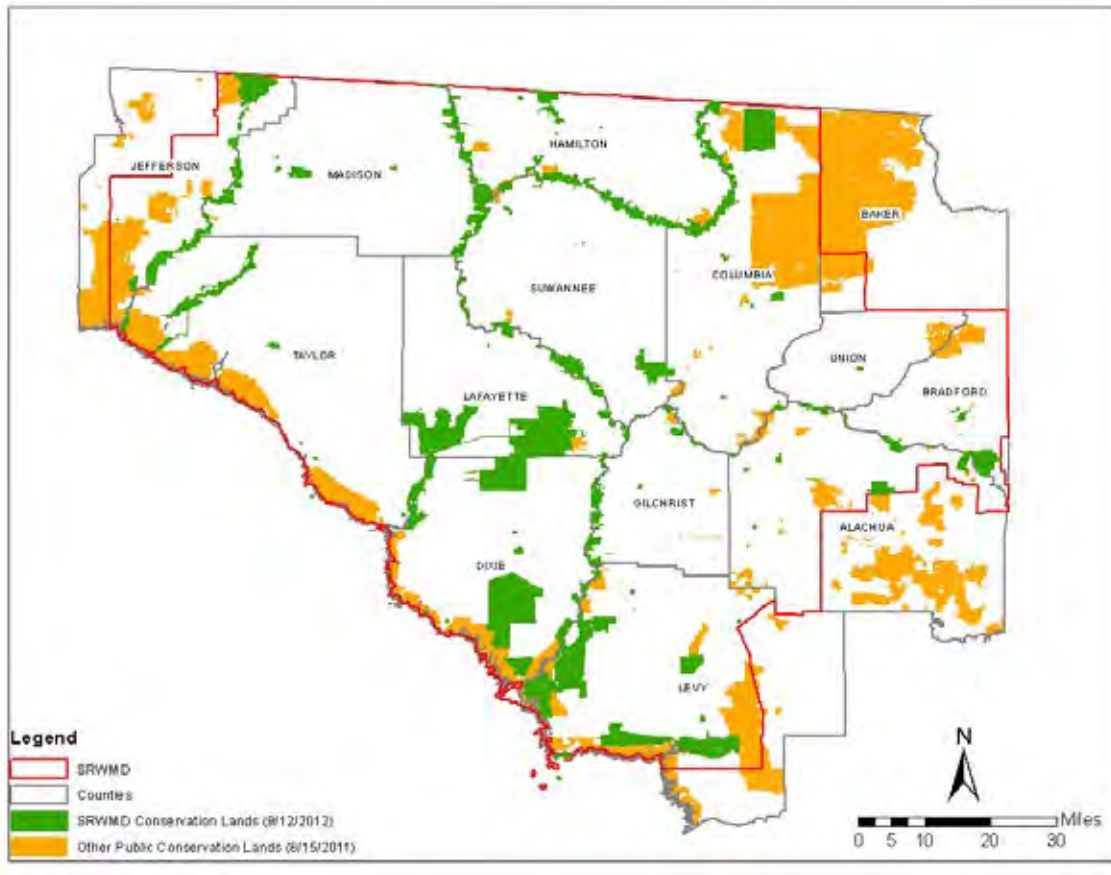


Figure 2-1 SRWMD Public Conservation Lands

### 2.1.5 Geographic Information Systems Development and Public Outreach, and Assistance

Providing maps and other information is a cornerstone of the District’s nonstructural flood protection policy. When landowners and local building officials are aware of the location and extent of flood hazard areas, preventive strategies can be more easily implemented. The District has been a regional leader in the development and application of Geographic Information Systems (GIS) since 1983, when the District was selected as a beta test site for ArcInfo, the industry standard GIS developed by Environmental Systems Research Institute, Inc. (ESRI). Since that time the District has developed an extensive geographic

data inventory, developed in-house and external capabilities, and provides leadership and assistance to local units of government in the region. Through District efforts, many county property appraisers now have compatible GIS capabilities that will assist in disseminating flood hazard maps and data at the local level resulting from the map modernization and Risk MAP projects.

Public outreach and assistance are an important component of the nonstructural flood protection policy not just by providing flood maps, but in helping the public gain an understanding of flooding and flood hazards. The District has established a website (<http://www.srwmdfloodreport.com/>) with enhanced flood elevation data for the Suwannee River and its tributaries, Preliminary floodplains; Changes Since Last Firm, and linkage to FEMA. The website enables users to view, query, and analyze flood risk assessment data in an intuitive and user-friendly framework. End-users are able to easily locate any parcel of interest, view the Flood Insurance Study (FIS) and effective Flood Insurance Rate Map (FIRM), and create a Flood Risk Report that provides the user with flood zone data, including flood elevations and flood depth where available, and descriptions of how to interpret the specific FEMA flood zones. All of this assists the user in determining if their property is affected by a flood zone, and how it is affected. The websites will continue to be updated and populated with information on Risk MAP and flood risk data generated during DFIRM studies produced in the course of the Risk MAP program. This interface is intended to be used by the general public, community officials, and Cooperating Technical Partner staff who may not be familiar with a typical GIS interface. A significant update to the Flood Risk Report was completed in FY20-21 with input from the District Communications Office, adding non-regulatory products such as 30-yr risk of flooding and flood depth maps in addition to the regulatory flood insurance zones. During FY22 the capability to search and download flood risk models was added, as well as the creation of a virtual meeting room where watershed outreach meetings are held in parallel with live in-person meetings (<https://srwmdfloodreport.com/virtual>).

GIS partnerships with most of the local governments within the District have been established. The GIS partnerships provide local governments with environmental sensitive data such as special flood hazard areas. This outreach tool assists local governments in advising property owners and potential property owners about flood risks and other environmental features associated with a parcel of land.

Since a core mission area of the District is flood information, protection, and mitigation, the District is undertaking an expansion of its outreach beyond the tools and training described above to engage in an active outreach campaign using a public relations firm. This is expanded in Section 2.2.4 below.

## **2.2 SRWMD Risk MAP Level of Participation**

The District vision for the Risk MAP initiative is to address data gaps in flood hazard data, increase public awareness, lead engagement in mitigation planning, provide enhanced digital platform for risk information, and align risk analysis programs while improving the quality of Risk MAP products. These goals are explained in further detail below.

- Goal 1: Address gaps in flood hazard data to form a solid foundation for risk assessment, floodplain management, and actuarial soundness of the National Flood Insurance Program
  - Initiate Risk MAP flood map update projects to address flood hazard data needs in high flood risk areas affected by coastal flooding, levees and other riverine flood hazards
  - Develop flood depth grids based on updated or validated engineering flood studies for use in risk communication outreach products and flood risk assessments
- Goal 2: Ensure that a measurable increase of the public's awareness and understanding of risk results in a measurable reduction of current and future vulnerability to flooding. Overarching outreach strategy will:
  - Convey risk in terms of consequences and probability, and conveys the social impacts of flood risk
  - Follow the entire Risk MAP life cycle from the continuous update of flood hazard data to the continuous update of a jurisdiction's hazard mitigation plan
  - Establish a baseline of local understanding of local risk. Communities can use this baseline to measure progress annually
  - Keep the message simple so that the information is easily conveyed to the public
- Goal 3: Lead and support state, local and tribal communities to effectively engage in risk-based mitigation planning resulting in sustainable actions to reduce or eliminate risks to life and property from hazards
  - Assist state, local and tribal entities to develop, adopt and implement FEMA-approved hazard mitigation plans
  - Communicate the benefits of mitigation planning messages in an overarching Risk MAP outreach strategy
  - Promote the integration of mitigation planning into other state, local and tribal planning processes
- Goal 4: Provide an enhanced digital platform that improves management of Risk MAP, stewards the information produced by Risk MAP and improves the communication and sharing of risk data and related products with all levels of government and public
  - Improve tracking of state and local hazard mitigation plans
  - Improve map production tools
  - Find and invest in accurate digital geospatial data to support improved flood hazard and flood risk analysis
  - Provide simplified access to updated flood risk models emerging from the Risk MAP program
- Goal 5: Align Risk Analysis programs and develop synergies to enhance decision making capabilities through effective risk communication and management

It is the objective of the District to be the full-service provider for all engineering, mapping, and administrative requirements within the District boundaries. For its management plan to be effectively implemented, the District will need the full support and involvement of



other CTPs and user communities. To ensure the full engagement of its partners, the District will commit a significant amount of resources to manage stakeholder expectations through upfront coordination, outreach, and customer service. In addition, the District will execute Memorandums of Agreement (MOA) with each County and participating community.

Through its three branches, technical management, IT systems, and customer service (see Figure 2-3); the District will satisfy its five goals outlined above. Furthermore, the District will continuously assess the effectiveness of its program and make the necessary changes to ensure the highest quality service and deliverables. Details of the District's level of participation follows.

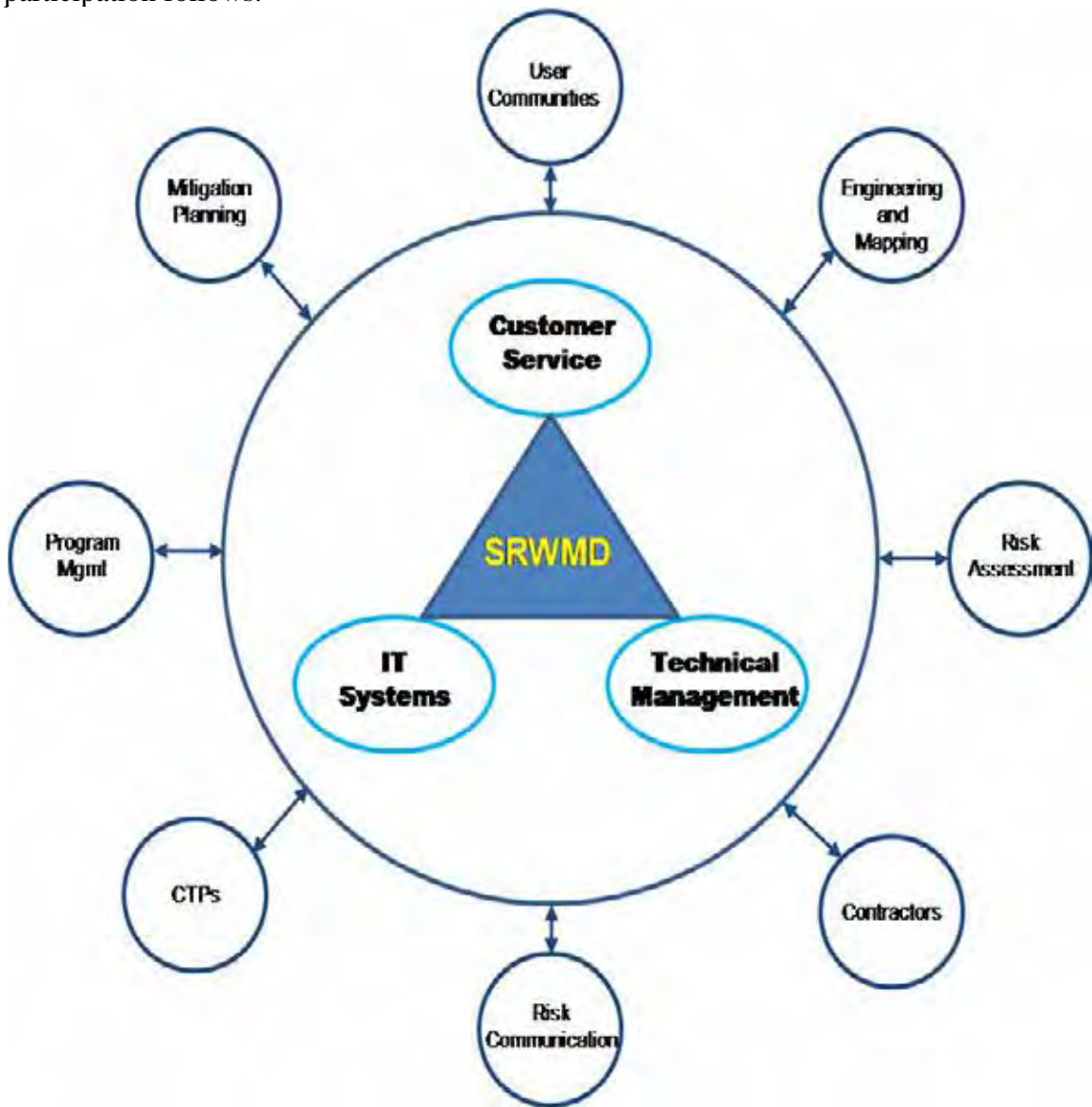


Figure 2-2 District Comprehensive Management Support of Risk MAP Needs



### **2.2.1 Engineering and Mapping**

The District will continue to support all activities associated with identifying flood hazards and the technical production of accurate Digital Flood Insurance Rate Maps (DFIRM) and Flood Insurance Studies (FIS). Following the Risk MAP program, the District and its contractors propose to perform all the activities listed below:

- Discovery activities: field visits, CNMS updates, review mitigation plans, discovery reports and maps, conduct community interviews, coordination and attendance at County and community Discovery meetings, and development of project scope;
- Data collection activities: field surveys, topographic data/LiDAR, existing H&H studies and digital basemaps;
- Engineering activities: 1D and 2D hydraulic, hydrologic, riverine analyses;
- Floodplain delineation activities: detailed and enhanced-approximate floodplain delineations;
- Public outreach for feedback on initial flood maps and identification of areas that may require additional public outreach and communication for smooth map adoption;
- DFIRM Production activities: Preliminary DFIRM, QA/QC, and database development;
- Flood risk dataset activities: development of changes since last Flood Insurance Rate Map, flood depth and analysis grids, flood risk assessment data, areas of mitigation interest; and
- Post Preliminary Processing: Community Meetings and Map Adoption

The District's strategy to implement the engineering and mapping component will utilize the District's existing engineering, mapping, and GIS technical infrastructure along with outsourcing of the majority of the engineering and mapping to consultants. The District has extensive experience in water resource related activities, which provides an ideal staging point for the implementation of the District's mapping and engineering role. The District will also provide ongoing floodplain management coordination with the local communities participating in the NFIP to allow for a more local management of the issues that concern FEMA. As part of its management strategy, the District will manage and coordinate all consultant's activity in the District.

The District will use detailed topography (LiDAR) of the floodplain and coastal areas likely to experience significant development pressures in the coming years as it becomes available. As of FY18, the District completed LiDAR mapping of all areas. As of November 2022, LiDAR collected under a statewide initiative at higher resolution has been released and will be included both into all new watershed studies initiating in 2023-2024 (Econfina-Steinhatchee, Waccasassa, Withlacoochee, Aucilla, and Alapaha) and into the website's flood risk report.

### **2.2.2 Risk Assessment and Risk Communication**

The District will assess and communicate risk to ensure that a measurable increase of the public's awareness and understanding of risk results in a measurable reduction of current and future vulnerability to flooding.

Risk assessment data and analyses are defined as processes for analyzing or evaluating the risk associated with a hazard and using that information to make informed decisions on the appropriate ways to reduce the impacts of the hazard on people and property. As part of the Risk MAP Program, non-regulatory Flood Risk Products shall be developed for study areas based upon the latest guidance available. Flood Risk Products that will be created include Flood Risk Reports and Flood Risk Maps.

Flood Risk Products serve as the delivery mechanisms for the Flood Risk Datasets and information developed within a flood risk study. Typically, these Flood Risk Datasets include but are not limited to:

- Changes Since Last FIRM
- Depth & Analysis
- Flood Risk Assessment

Although this program is conceived on a HUC-8 watershed flood hazard and flood risk analysis framework, it is also recognized that there will be occasions where a watershed approach is not appropriate. Examples include site-specific levee analysis, coastal analysis. As a result, Flood Risk Products and Flood Risk Datasets are intended to be scalable to support the variability of project requirements and available funding.

### **2.2.3 Mitigation Planning and Actions**

The District will assist and support the state and local communities to effectively engage in risk-based mitigation planning resulting in sustainable actions to reduce or eliminate risks to life and property from hazards. FEMA considers mitigation planning to be critical, and mitigation planning technical assistance will be identified starting at Discovery. During initial plan development there are four phases of the planning process:

- Planning Process
- Risk Assessment
- Mitigation Strategy
- Plan Maintenance

Hazard Mitigation Planning technical assistance and training provided through Risk MAP will focus on building a community's capability to plan for and reduce risk. The following steps are to be emphasized:

- Incorporating new flood hazard and risk information;
- Updating and refining mitigation strategies, especially as related to new flood hazard/risk information;
- Training mitigation planning teams; and
- Incorporating mitigation into existing community plans, programs, and policies.

Throughout the Risk MAP cycle, the District will utilize Region IV best practice templates to track and report Actions.

#### **2.2.4 Community Outreach and Mitigation Strategy**

An essential component of the District Risk MAP program is community outreach and customer service to ensure stakeholder support and public awareness. Outreach begins during the Discovery phase of a watershed-level Risk MAP project and continues through final community meetings. The primary goals of the outreach component are to:

- Engage communities early and often of Risk MAP projects;
- Increase public awareness of risk and education of flood hazards;
- Communicate the benefits of the hazard mitigation planning process;
- Ensure stakeholder support and proper management of expectations;
- Establish two-way communication with stakeholders impacted by the floodplain remapping, as well as the NFIP in general;
- Ensure compliance with due process and other regulatory requirements;
- Minimize the number of technical appeals and protests;
- Ensure public understanding of the benefits of new maps;
- Interact with technical representatives to ensure production of quality maps;
- Enhance ownership and use by communities;
- Ensure that other users know how to use the new maps; and
- Track/monitor/evaluate outreach activities and adjust efforts according to feedback received and evolving project needs.

To accomplish these goals, the District provides: an interactive website for the public to view flood risk data and obtain DFIRMs, FIS reports and risk reports; stakeholder notification to each County and community included in the Risk MAP project; public education and information through public meetings; informational brochures/newsletter article; PowerPoint presentations to interested organizations; press releases; flood risk products; and social media posts. The District is initiating a new online video webinar series to provide user guidance on available products and conducting a public relations campaign with spots on local stations and social media.

Since a core mission of the District includes flood information, protection and mitigation, the District is undertaking an expansion of its outreach beyond the tools and training described above. Flooding and high-water events pose significant threats to communities

throughout the District; and these threats are magnified as land use changes and development continues within the floodplain. To further serve our constituents, the District is planning to enlist a dedicated public relations company to develop an active outreach campaign with the goal of increasing knowledge and awareness of flooding impacts and risks. The desired result of this campaign will be a behavior change to increase flood knowledge, preparedness and mitigation, as well as stop unlawful flooding impacts. The District plans to accomplish this behavior change through a multi-media campaign involving videography, photography, print materials, and advertising. Special additional funding of \$200,000 for this multi-year public relations initiative was obtained under the FY20 grant awarded September 2020.

An initial pilot to develop the first public relations video and materials was completed in FY21 and is available at <https://www.srwmdfloodreport.com/virtual>. With the implementation of the Task Work Assignment for the FY20 grant in 2021 the stage was set and the communications department developed an RFQ and brought multiple public relations firms on board for both the current Risk MAP PR project and District public relations in general.

### **2.2.5 Independent QA/QC**

The District will continue to oversee all necessary QA/QC functions for both engineering and mapping products associated with the DFIRM projects in the District. QA/QC activities will be performed either by District personnel or one of the District's consultants. QA/QC reviews will be performed by qualified personnel other than those who performed the work. FEMA guidelines will be followed for all engineering and mapping reviews along with standard engineering QA/QC guidelines. QA/QC activities will be funded by FEMA to the District through the Risk MAP funding grant process.

### **2.3 Program Management**

The District will provide a program management structure that will motivate partners to share responsibilities and align the District's, FEMA's, and the local community's missions to reduce vulnerability to floods and other hazards and increase public awareness of risk and education of flood hazards. The objective of Program Management activities is to recognize the activities undertaken by CTPs as part of the active process of managing multiple projects for the District. All process and deliverables shall be completed in accordance with FEMA's Guidelines and Specifications for Flood Hazard Mapping Partners (G&S) and effective Procedure Memoranda (PMs).

Program management for the District's participation in Risk MAP program will be accomplished through the combined use of District staff and the use of contractors. The contractor will implement the following program management action items:

- Define program management goals including those associated with prioritization and execution of program elements;

- Assist in the annual update of the Risk MAP Business Plan;
- Assist in outreach activities (community meetings, media coordination and mailings);
- Coordinate and/or administer training for Communities affected by the proposed DFIRM updates regarding Risk MAP, the Community Rating System, and Flood Insurance;
- Continued development of website to provide widespread access to Risk MAP data, improved risk analysis reporting and generation of reports consistent with Risk MAP goals and datasets;
- Maintenance of the SharePoint site and calendars;
- Identify roles and responsibilities for all entities contributing to the District's mapping efforts;
- Develop and manage data standards, product specifications, and quality of the products to be used by the communities and other end users;
- Manage and track the progress of the DFIRM projects against schedules and budgets;
- Develop monthly status reports for District and FEMA Region IV;
- Provide quarterly status reports that are to be supplied to FEMA Region 4; as of FY23 this will include participation in using the new CTP Performance measures tool;
- Evaluate program performance and recommend improvements;
- Promote partnerships with local communities through meetings and data mining;
- Provide for program management staff time;
- Development of continuous improvement strategies and innovative technical and building practices;
- Manage Risk MAP discovery and prioritization of projects in collaboration with the District;
- Track production of DFIRM products of District study contractors;
- Assist as needed with interpretation and implementation of Risk Map requirements;
- General support activities including those defined in 44CFR, Part 66;
- Risk MAP reviews;
- FEMA mapping coordination; and
- CTP pre-discovery activities.

### **2.3.1 IT Management System**

The IT management systems will be the foundation that the technical management and outreach service components will be built upon. The system is composed of three major modules: the public websites (mentioned in the outreach section), the data management system, and the data repository. Of the three modules, the data repository, accessible through FEMA's MIP, will be the core component. Figure 2-3 illustrates the relationship among the three modules.

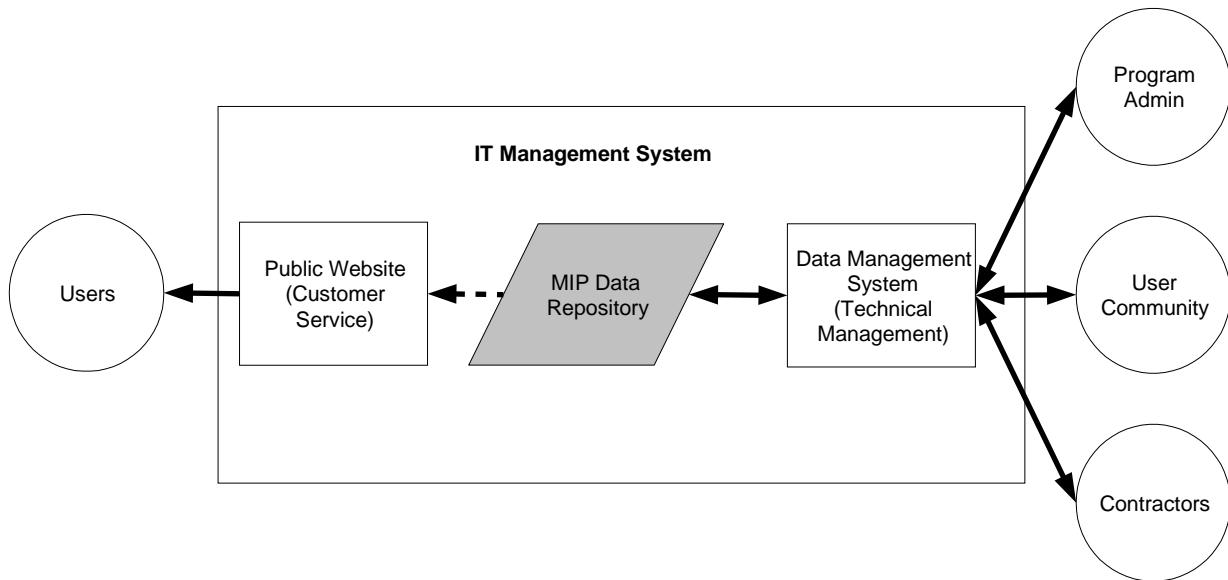


Figure 2-3 The IT Management System

Development of the public websites will continue to be updated for the duration of the Risk MAP program. Of the three modules the public websites have an immediate impact to generate public awareness and manage public expectations. Elements of the MIP data repository will be made available to the public by way of these websites. The District is using an offsite hosting service for the public website through a study consultant to store, disseminate and maintain DFIRM data, and Risk MAP products. In addition, the District website provides links to FEMA for electronic versions of the DFIRMs and Flood Insurance Studies.

### 2.3.2 Program Level Community Outreach

An essential component of the District Risk MAP program is community outreach and customer service to ensure stakeholder support and the proper management of expectations of the overall program. The District will focus its customer service activities through various mechanisms, including interactive websites with community information and status of ongoing projects, in-house and community training programs, and public outreach activities. The website (<http://www.srwmdfloodreport.com/>) is a GIS-enabled system that will allow users to review the current status of existing projects, announcements, complete informational tutorials, and download fact sheets, issue papers, news releases, and other documents. The site also includes a data viewer where DFIRM data is available for viewing and printing maps. All of this assists the user in determining if their property is affected by a flood zone, and descriptions of how to interpret the specific FEMA flood zones. An added feature of the site is the ability of the user to view preliminary flood data that is available. The goal of this site is to help the user identify their flood risk. The objectives for the site are to provide the user with flood zone data, identify risk, and assist the user in determining how far they are from the flood zone. The website will continue to be populated with flood risk data generated during DFIRM studies produced in the course of the Risk MAP program.

In addition to the above activities that promote the ownership of FEMA's flood hazard maps by user communities, there will be additional activities by the District to raise public awareness and participation in the study process. These activities include such activities as a quarterly newsletter, you-tube videos, fact sheets, posts for the District Facebook page, updates to the FEMA material on the District website, advertisements, and outreach meetings with local government officials and the public at each stage of the mapping process. By providing more outreach opportunities directed toward local governments, the District leverages existing data and analyses from local levels. Furthermore, due to increased involvement of citizens and local officials, there is a reduction in the number of appeals and protests to DFIRM products.

The District also proposes continued outreach and coordination with the Northwest Florida Water Management District (NFWFMD) for Risk MAP activities that affect Jefferson County; with the Southwest Florida Water Management District (SWFWMD) for activities that affects Levy and Alachua Counties (these counties lie partially within the jurisdiction of the District). The District and its consultants will also continue coordination with FEMA's contractors assigned to study adjacent watersheds in shared counties with Saint Johns River Watershed Management District (SJRWMD) and continue coordination with the state of Georgia for watersheds that span state boundaries.

## Chapter 3 RECOMMENDATIONS FOR MAPPING THROUGH FY28

Unmet needs continue to be documented throughout the Risk MAP Program Cycle. Status of recommendations and actions for each watershed are listed below in Figure 3-1.

Figure 3 -1 District Multi-year Plan showing studies in progress and planned studies.

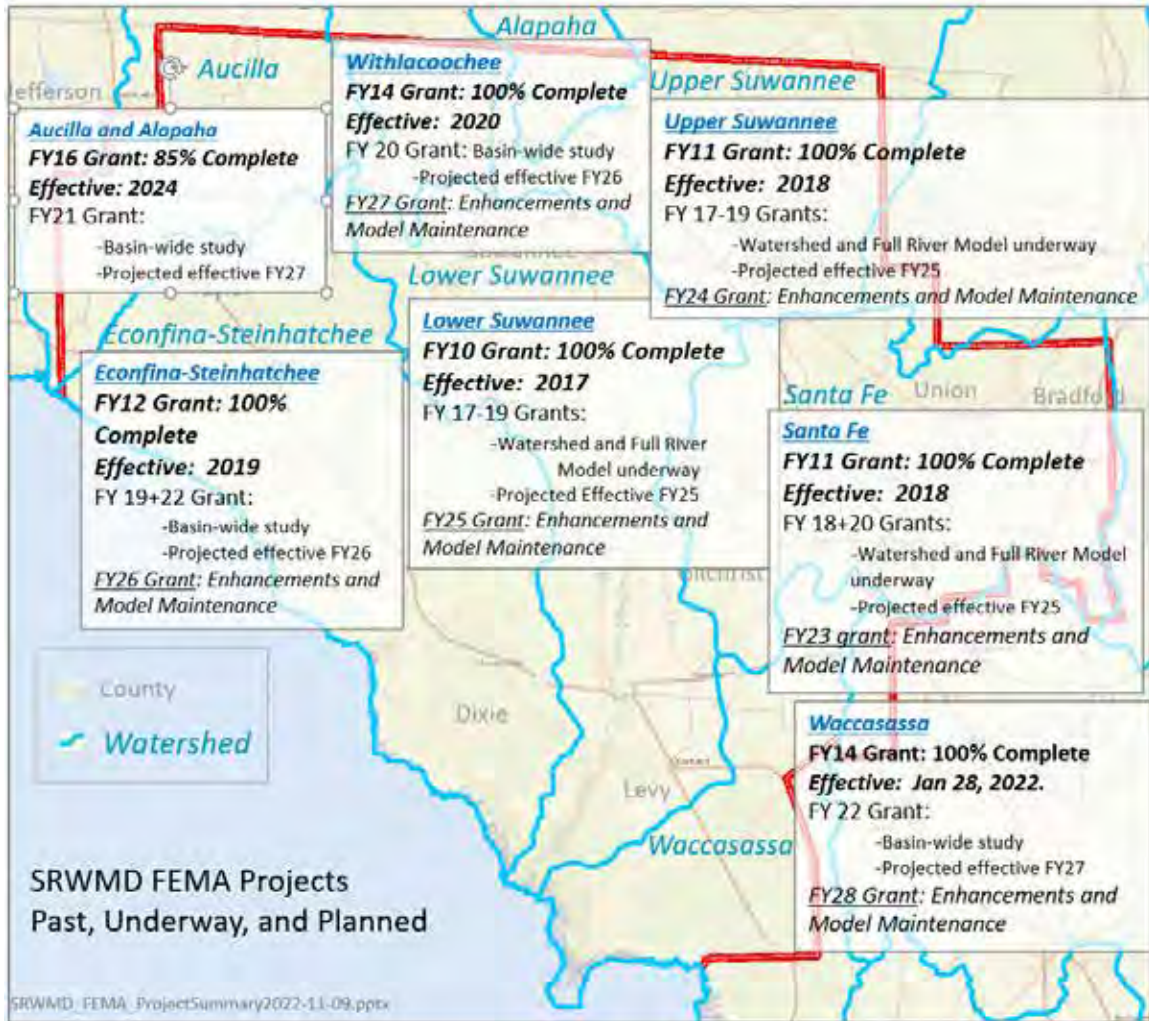


Figure 3-1 shows each watershed of the District. They are being studied for flood risk under RiskMAP in a cycle of 4-7 years per study. The initial cycle comprised smaller study areas, based on limited funding from FEMA, and was focused on community needs. These initial studies are now complete with exception for Aucilla which acted as the first 2D study pilot as well. These initial studies are shown in bold in Figure 3-1. For the second cycle in each watershed, a larger study is approved to do a basin-wide study combining approximate 2D modeling for the overall watershed and detailed 1D modeling of the major river(s) in that watershed if needed. This 2<sup>nd</sup> cycle of studies is also shown in Figure 3-1. Upon completion of the second cycle (with the Waccasassa study proposed for FY22), a 3<sup>rd</sup> cycle of RiskMAP will begin,



focusing on any new needs discovered with the basin-wide studies, as well as maintenance of the new models, incorporating impacts of mitigation actions and changes in the communities over the coming years. Over the coming years (FY23-FY28) this 3<sup>rd</sup> cycle of Discovery and Study is proposed for the watersheds shown above in Figure 3-1. The 3<sup>rd</sup> cycle studies are described below for each coming fiscal year—these proposed studies play a critical role in maintaining the models with up-to-date conditions as well as refining specific areas as needed with more detailed modeling.

Aucilla and Alapaha have current studies funded last in cycle 1 and nearing completion in 2023. The second cycle studies of these watersheds were funded in FY21 are shown below for reference. Upper Suwannee, Lower Suwannee, Santa Fe, Econfina-Steinhatchee, and Withlacoochee studies have completed effective map releases under the initial cycle. Upper and Lower Suwannee, and Santa Fe are in Risk MAP cycle two, combining community needs with validating all modeled NVUE mileage to ensure up-to-date valid models for all major streams and approximate studies in the watershed. In 2023-2028 funding for the 3<sup>rd</sup> cycle is planned for the Upper and Lower Suwannee, Santa Fe, Econfina-Steinhatchee, and Withlacoochee watersheds to account for changes in flooding due to mitigation actions recommended under cycle one, as well as changes due to growth and development.

#### **FY21 Funding (approved) – Studies in Aucilla (03110103) and Alapaha (03110202) Watersheds**

Studies and mapping in Aucilla HUC8 basin and Alapaha HUC8 basin in Florida; (scoped under Discovery funded in FY20). Previous studies in the Aucilla and Alapaha are expected to complete by FY22 as FY21 funding becomes available.

In addition, the Aucilla Watershed is one of the watersheds that may be potentially impacted by the Florida Multi-use Corridors of Regional Economic Significance (M-CORES). The M-CORES Suncoast Connector project is listed at [floridamcores.com](http://floridamcores.com) for construction being completed by the end of 2030. Potential impacts of the proposed corridor will need to be considered when identifying new study needs in the Aucilla watershed so initiating Discovery prior to the effective date of the study underway provides lead time.

1. In Aucilla and Alapaha watersheds, additional study is anticipated for map maintenance due to mitigation actions, new growth, community needs, flooding since last studies, new data such as the current statewide LiDAR update, new leverage, and completing unverified NVUE miles (387 mi) . (Aucilla \$1,282,750; Alapaha \$310,000)
2. Expiring CNMS/NVUE miles – 17-point updates to CNMS database for 438 total expiring miles: 97 detailed; 341 approximate (\$36,777)

Enhanced Program Management and COMS to continue outreach activities and continue incorporating training, tracking and web-based map, and model management capabilities into the District website; as well as PiMS training costs for District staff (Program Management \$75,000; COMS \$200,000).

Total Funding: \$1,904,527

**FY22 Funding (approved) – Studies in the Waccasassa HUC8 Watershed (03110101) and additional funding for Econfina-Steinhatchee (03110102)**

Waccasassa watershed’s first round of studies initiated in FY15 went effective in January 2022. FY22 funding was approved and awarded September 2022, allowing for governing board approval of contracts to initiate new studies in early 2023; giving the communities assurance that their voices are being heard and responded to in a timely manner. Likewise, to provide similar responsiveness in the Santa Fe watershed, the next round of Discovery was funded so that Discovery can commence as previous study results receive community feedback later in FY23 and FY24.

1. In Waccasassa watershed additional study is anticipated for map maintenance due to mitigation actions, new growth, community needs, flooding since last studies, new LiDAR data, new leverage, and all Tier 0 and Unverified NVUE miles (285 miles Waccasassa) (Waccasassa \$702,723).
2. Econfina-Steinhatchee funding approved in 2019 recognized as needing additional funds in order to complete 2D mapping of the watershed in addition to the previously funded updating 326 (all) Tier 0/unverified NVUE miles (additional funding of \$384,793).
3. Discovery in the Santa Fe watershed to identify and scope studies to address any new needs (\$82,864).
4. Expiring CNMS/NVUE miles – 17-point updates to CNMS database for a large number of expiring miles (550) across the District (\$85,800).

Enhanced Program Management (PM- \$78,000) and community outreach and mitigation strategy (COMS) to continue outreach activities and incorporate training, tracking and updates to the non-regulatory products, model management, maintenance and upgrades to digital infrastructure, as well as fund District staffing needs for attending the annual Partners in Mitigation training (\$200,000). In addition, the District is collaborating with University of Florida on a separate state grant for a Sea Level Rise vulnerability tool. Additional funds (\$86,216) are being provided by FEMA under the FY22 COMS grant to support integration of the vulnerability tool into the existing flood risk reporting and model management web infrastructure.

Total Funding: \$1,620,396

### **FY23 Funding – Santa Fe Watershed Studies (03110206)**

Completion of current FY18+FY20-funded studies in the Santa Fe Watershed should result in approved preliminary maps in FY24. Funding approval to continue the Risk MAP cycle of studies in Santa Fe Watershed should be sought during FY23, anticipating approval of grant by September 2023, and commencement of a new cycle late in FY24.

1. Additional studies, map updates, and mitigation action recommendations anticipated for map maintenance due to mitigation actions enacted to change flood risk during previous five years, plus new growth, community needs, and any flooding experienced in the Santa Fe Watershed (\$1,030,000).
2. Fund Upper and Lower Suwannee for new Discovery pending completion of the preliminary maps, public comment, and Resilience meeting to be held for the studies funded under FY17-FY19 grants. Discovery will be identifying specific localized needs for more detailed studies as well as maintenance of the new 2D maps based on: findings of the previous studies; any mitigation actions completed during the previous study; new community growth; and newly identified community needs and/or flooding experienced (\$166,000).
3. Supplemental MAS funding for all 8 watersheds currently being studied or pending study over a 3 year period watersheds. To cover enhanced project outreach with deep dive - matching mitigation opportunities to grants, linking resilience efforts to social vulnerability data, and including additional training for community flood plain managers and support staff. Deep dive to be added to all FRR, Prelim, and Resilience meetings during the 3 years, at minimum one for each watershed. Ensure compliance with Justice40 Initiative (\$319,500).
4. Expiring 139 CNMS/NVUE miles across the District estimate for 17-point updates (\$21,684).

Enhanced Program Management and COMS MAS to continue outreach activities and incorporating training, tracking and web-based map and model management capabilities for 2D models into the District website, as well as partially fund District staffing needs for Risk MAP programs (COMS: \$200,000; Program Management: \$88,000).

Total Funding: \$1,825,184

### **FY24 Funding – Studies in Upper Suwannee (03110201) HUC8 Watershed**

Anticipating the completion of the FY17-19-funded studies in the Upper and Lower Suwannee watersheds in FY25, the Risk MAP cycle in these watersheds should circle back and be ready to study areas identified by communities as needing further study. FY24 funding would be approved and awarded by the end of FY24, allowing for governing board approval of contracts to initiate new studies in the FY25, as soon as the 2<sup>nd</sup> round studies and new Discovery is complete. This gives the communities assurance that their voices are being heard and responded to in a timely manner. Likewise, to provide similar responsiveness in the Econfina-Steinhatchee watershed, the next round of Discovery should be undertaken there as the previous study completes review and acceptance of preliminary maps.

1. Upper Suwannee Watershed: Additional study of each watershed is anticipated for map maintenance due to any flood reduction attributable to mitigation actions over the previous 5 years, new growth, other community needs, new data; or new flooding experienced since last studies (Upper Suwannee: \$955,000).
2. Discovery in the Econfina-Steinhatchee watershed to identify and scope studies to address any new needs (\$82,000).
3. Expiring CNMS/NVUE miles forecast for FY24 = 0.

Community Outreach and Mitigation Strategy (COMS) budget: in response to new FEMA directives addressing climate change, resilience, mitigation, and social equity, the following special projects are proposed for inclusion in the FY24 COMS budget:

Special Project 1: Building resilience to compound floods (combined storm surge and riverine flooding causing the water levels to exceed the modeled coastal storm surge flooding) is becoming recognized as a key element of coastal resilience. This has been identified as a Special Project (\$120,000) to include in the COMS budget as an adjunct to with the FY22 Special project 2 integrating the coastal sea level rise vulnerability tool addressing climate change into the District website (The vulnerability tool is being developed by the District in coordination with University of Florida under a separate state grant).

Special Project 2: Watershed Master Plans for each HUC12 to provide an integrated, common approach to identifying and planning mitigation actions across all communities in the District. This project is proposed as a joint effort with Florida Atlantic University. It will mirror similar work being done in Southwest Florida Water Management District (\$500,000).

Enhanced Program Management and the Community Outreach and Mitigation Strategy (COMS) to continue outreach activities and incorporate training; tracking; updates to the online regulatory and non-regulatory products; 2D model management; maintenance and upgrades to digital infrastructure; as well as fund District staffing needs for attending the annual Partners in Mitigation training (COMS \$200,000 + \$120,000 Special Project 1 and \$500,000 Special Project 2 = \$820,000; Program Management \$93,000).

Total Funding: \$1,950,000

### **FY25 Funding – Lower Suwannee Watershed Studies (03110205)**

Anticipating the completion of the FY17-19-funded studies in the Upper and Lower Suwannee watersheds in FY25, the Risk MAP cycle in these watersheds should circle back and be ready to study areas identified by communities as needing further study. FY25 funding would be approved and awarded by the end of FY25, allowing for governing board approval of contracts to initiate new studies in FY26, not long after the 3<sup>rd</sup> round of studies in the Upper Suwannee has gotten underway.

1. Lower Suwannee Watershed: Additional study of each watershed is anticipated for model maintenance and flood risk mapping updates due to any flood reduction attributable to mitigation actions over the previous 5 years, new growth, other community needs, new data; or new flooding experienced since last studies. (Lower Suwannee: \$1,150,000).
2. Discovery in the Withlacoochee watershed to identify and scope studies to address any new needs from communities or changes based on mitigation actions in the watersheds (\$83,000).
3. Expiring CNMS/NVUE miles across the District estimate 130 mi (\$21,684).

Enhanced Program Management and COMS Statements of Work to continue outreach activities and incorporate ongoing training, tracking and web-based map and model management capabilities in the District website, as well as partially fund District staffing needs for Risk MAP programs (Program Management \$98,000; COMS \$200,000).

Total Funding: \$1,552,684

### **FY26 Funding – Econfina-Steinhatchee Watershed Studies (03110102)**

Completion of FY19/FY22-funded studies in the Econfina-Steinhatchee Watershed should result in new effective maps by May 2026. Funding approval to continue the Risk MAP cycle in the Watershed should be sought during FY25, anticipating approval of grant by September 2025, and commencement of a new cycle Summer or Fall of 2026.

1. Additional studies, map updates, and mitigation action recommendations anticipated for map maintenance due to mitigation actions enacted to change flood risk during previous five years, new growth, community needs, and any flooding experienced in the Econfina-Steinhatchee Watershed (\$965,200).
2. Discovery in the Waccasassa watershed to identify and scope studies that address any new needs from communities; or model and map maintenance based on mitigation actions; or new development (\$86,000).
3. Expiring CNMS/NVUE miles across the District estimate 65 mi (\$10,140).

Enhanced Program Management and COMS MAS to continue outreach activities and incorporating training, tracking and web-based map and model management capabilities into the District website, as well as partially fund District staffing needs for Risk MAP programs (Program Management \$103,000; COMS \$200,000).

Total Funding: \$1,364,340

### **FY27 Funding – Withlacoochee Watershed Studies (03110203)**

Completion of FY20-funded studies in the Withlacoochee Watershed should result in new effective maps by Spring 2026. Withlacoochee Discovery was funded under FY25 in order to be ready to commence immediately following completion of the FY20 study. This Discovery scope will feed the funding request to continue the Risk MAP cycle in the Withlacoochee Watershed to be sought during FY27, anticipating approval of grant by September 2027, would allow the project to commence at the end of 2027 (Q1 FY28). The new cycle of studies, based on the findings of the FY20-funded study and on new community needs, will allow for ongoing map and model maintenance based on changes to the watershed over the preceding 5 years.

1. Additional studies, map updates, and mitigation action recommendations anticipated for map maintenance due to mitigation actions enacted to change flood risk during previous five years, new growth, community needs, and any flooding experienced in the Withlacoochee Watershed (\$760,000).
2. Discovery in the Aucilla and Alapaha watersheds to identify and scope studies to address any new needs based on mitigation actions and community, community growth (\$149,000).
3. Expiring CNMS/NVUE (12 miles) across the District estimate (\$1,920).

Enhanced Program Management and COMS MAS to continue outreach activities and incorporating training, tracking and web-based map and model management capabilities into the District website, as well as partially fund District staffing needs for Risk MAP programs (Program Management \$106,000; COMS \$200,000).

Total Funding: \$1,216,920

### **FY28 Funding – Waccasassa Watershed Studies (03110101)**

Completion of FY22-funded studies in the Waccasassa Watershed should result in new effective maps by Spring 2027. Waccasassa Discovery funded under the FY26 grant (Fall FY26 approval) will be ready to commence immediately. Funding approval to continue the Risk MAP cycle in the Watershed will be sought during FY28, anticipating approval of grant by September 2028. A new cycle of studies, based on the findings of the FY22-funded study; on new community needs, and on impacts of mitigation actions and growth over the preceding 5 years can then commence in late 2028.

1. Additional studies, map updates, and mitigation action recommendations anticipated for map maintenance due to mitigation actions enacted to change flood risk during previous five years, new growth, community needs, and any flooding experienced in the Waccasassa Watershed (\$850,000).
2. Expiring CNMS/NVUE miles TBD across the District estimate (\$10,000).

Enhanced Program Management and COMS to continue outreach activities and incorporate training, tracking and web-based map and model management into the District website, as well as partially fund District staffing needs for Risk MAP programs (Program Management \$110,000; COMS \$200,000).

Total Funding: \$1,170,000

## Chapter 4

### GEOSPATIAL DATA COORDINATION

Through Circular A-16, the Office of Management and Budget (OMB) directs Federal agencies that produce, maintain or use spatial data to participate in the development of the National Spatial Data Infrastructure (NSDI). The goal of the NSDI is to reduce duplication of effort among agencies; improve quality and reduce costs related to geographic information; make geographic data more accessible to the public; increase the benefits of using available data; and establish key partnerships with cities, counties, states, tribal nations, academia and the private sector to increase data availability.

To help realize this goal, FEMA has developed a Geospatial Data Coordination Policy and a plan for implementing that policy. In support of the policy, metadata catalogs and other tools will provide access to the data holdings of FEMA's flood mapping program through various portals of the NSDI.

#### 4.1 SRWMD Geospatial Coordination

The District is currently implementing portions of the items contained in the Geospatial Data Coordination Policy. The District is acquiring existing data for use in the development of the DFIRM and ensuring that the data is FGDC compliant.

As part of the Map Modernization and Risk MAP process, the District is also developing digital database and metadata information for use by other agencies or the public. In addition to providing this information on the MIP, the District will also provide this information to the NSDI clearinghouse.

In accordance with FEMA's *Geospatial Data Coordination Policy*, dated August 23, 2005, and FEMA's current *Geospatial Data Coordination Implementation Guide*, all District geospatial data will be "coordinated, collected, documented and reported with standardized, complete and current information in compliance with Federal geospatial data reporting standards." This will entail the following:

- Posting planned projects to appropriate systems for coordination;
- Identifying existing data;
- Acquiring existing data;
- Building partnerships for the creation of new data; and
- Documenting and standardizing data.



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Leroy Marshall, Chief, Office of Agriculture and Environmental Projects

THRU: Amy Brown, Deputy Executive Director, Water Resources

DATE: December 2, 2022

RE: Governing Board Directive Number 22-0006, Agricultural Cost-Share Program

**RECOMMENDATION**

Approve Governing Board Directive Number 22-0006 for the Suwannee River Water Management District Agricultural Cost-Share Program.

**BACKGROUND**

On February 8, 2022, the Governing Board approved Agricultural Cost-Share Program Governing Board Directive (GBD) Number 22-0001. This directive superseded all previous directives, clarified the Executive Director's signature authority and added Attachment A, which is a list of District agricultural best management practices. The proposed Agricultural Cost-Share Program Directive provides additional language, updates to the District's Agricultural Cost-Share Program and will supersede GBD22-0001.

The revisions include changes throughout to authorize the program to accept funding from external sources other than the Florida Department of Environmental Protection, clarifies that program requirements must be adhered to unless approved by the Board, added program requirements such as ownership of the project area, added a requirement to be in compliance with District permits and contracts, and relocated items to the Review Guidelines and Project Monitoring sections.

LM/tm  
Attachments

SUWANNEE RIVER WATER MANAGEMENT DISTRICT  
GOVERNING BOARD DIRECTIVE

Directive Number: GBD22-0006

Date Approved: December 13, 2022

Subject: Agricultural Cost-Share Program

Approval:

Virginia Johns, Chair

Charles Keith, Secretary/Treasurer

SUWANNEE RIVER WATER MANAGEMENT DISTRICT  
GOVERNING BOARD DIRECTIVE



~~Directive Number:~~ ~~GBD22-0001~~

~~Date Approved:~~ ~~February 8, 2022~~

~~Subject:~~ ~~Agricultural Cost-Share Program~~

~~Approval:~~

~~Virginia Johns, Chair~~



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## 1.0 Reference to Prior Directive

Supersedes Directives GD12-0005, GBD19-0003, GBD20-0002, ~~and~~ GBD20-0006 and GBD22-0001.

## 2.0 Purpose and Intent

The purpose of this Directive is to establish a policy and procedure for the District's Agricultural Cost-Share Program. The intent of this directive is to offer District funding assistance to agricultural producers and to accept and administer funding from external funding sources, such as, but not limited to, the Florida Department of Environmental Protection-~~(FDEP)~~, through an application and evaluation process, to implement projects that increase irrigation efficiency, implement water conservation practices, and assist with nutrient management.

## 3.0 Statement of Directive

In accordance with section 373.083 Florida Statutes (F.S.), the Governing Board may participate and cooperate with landowners in water management projects of mutual benefit, provided such projects are consistent with the District's statutory authority and will ensure proper development, utilization and conservation of the water resources and ecology within the jurisdictional boundaries of the District.

## 4.0 Program Eligibility Requirements

An applicant shall adhere to the below list to enter into contract with the District. If an applicant believes that the project should be funded although they do not adhere to the below list, they may present their case for acceptance into the program, as an item to the Governing Board for consideration. The Governing Board may waive the eligibility requirements for cost share. At a minimum, the following will be considered:

- ~~1. The Board will give priority consideration to those projects designed to further the implementation of District's core mission.~~
1. An applicant must own or have control of all property (parcels). If the applicant does not own the property, proof of control outside of ownership can be established.
- ~~2. The If required, the project area must have an active w valid Water Use Permit, if required.~~
- ~~3. An individual Water Use Permit holder must implement monitoring of groundwater withdrawals in accordance with Section 4.0, of the District's Water Use Permit Applicant's Handbook. Projects which are considered a General Permit by Rule are exempt from this requirement.~~
- 4.3. \_\_\_\_\_ The applicant must be enrolled in the Florida Department of Agriculture and Consumer Services (FDACS) Notice of Intent to implement best management practices.
- ~~5. Funding may be provided to assist with the cost of alternative water supplies, water conservation, advanced irrigation management, and nutrient management technology.~~
- ~~6. Funding assistance is contingent upon availability of District and/or FDEP funds and in accordance with the agreement between the District and the producer.~~
- ~~7. Priority will be given to projects located within a Water Supply Planning Area, Minimum Flows and Minimum Water Levels Prevention or Recovery Strategy, Outstanding Florida Spring Priority Focus Area and/or Basin Management Action Plan (BMAP).~~
- 8.4. The applicant must not have received more than \$300,000 for District funded items in Attachment A over five years. Maximum cost share an applicant can receive is capped at \$300,000 for items in Attachment A over five years, unless approved by the Governing Board. Limits on funding from external funding sources may be FDEP are set by that funding source FDEP.
- ~~9. Final approval for funding of the project proposals are the exclusive responsibility of the Governing Board and the Executive Director in accordance with the District's procurement~~

- procedures relating to signature authority as found in section 25 of the Procedures Manual.
- ~~10. The Executive Director's signature authority and maximum funding allowed under said authority are established by the Governing Board and can be found in the Procedures Manual. The signature authority applies to each individual or contract entity over the course of the contractual agreement. Requests to enter into or amend a contract that meet or exceed the signature authority for an individual or entity during the fiscal year or in aggregate, must be brought to the Governing Board for approval.~~
  5. The applicant must not be a District employee or an immediate family member of a District employee are not eligible to participate in the District's Agricultural Cost Share Program.
  6. The landowner and/or applicant shall be in compliance with all District Water Use, Water Well, and/or Environmental Resource Permits as well as be in compliance with the terms of any previous or current District contracts.

## 5.0 Review Guidelines

At a minimum, staff will ~~consider~~ review:

1. Applications for District or external entity funding FDEP Cost-Share fFunding will be open year-round for funding consideration, subject to funding availability.
2. Staff shall give priority consideration to those projects designed to further the implementation of District's core mission.
- ~~4.~~3. Priority will be given to projects located within a Water Supply Planning Area, Minimum Flows and Minimum Water Levels Prevention or Recovery Strategy, Outstanding Florida Spring Priority Focus Area and/or Basin Management Action Plan (BMAP).
- ~~2.~~4. Each application shall include a completed application form. At a minimum, this information should include point of contact, address, phone number, project description, and location information.
- ~~3.~~5. Staff shall consider the quality of the application as measured by thoroughness and clarity including the location information; the effectiveness of the project to protect, conserve, restore, or augment the areas of water resource and ecology; the use of best management practices; the cost benefit of the project (for multi-year or phased projects, the project benefits to be realized if future phases are not funded); the location of the project; the potential of the project to start, and proceed in a timely manner.
6. Staff shall review the application to ensure the proposed project aligns with the District's core mission. Applicants may be required to modify any water use permits associated with the project if deemed necessary by District Staff. ~~Applicants who do not have a valid water use permit in accordance with Chapter 408-2, Florida Administrative Code will be required to obtain a permit.~~
7. Contingency is capped at 10% of the estimated cost for the entire project.
8. Funding assistance is contingent upon availability of District and/or external agency funds and in accordance with the agreement between the District and the producer.
9. Funding may be provided to assist with the cost of alternative water supplies, water conservation, advanced irrigation management, and nutrient management technology.
10. Final approval for funding of the project proposals are the exclusive responsibility of the Governing Board and the Executive Director in accordance with the District's procurement procedures relating to signature authority as found in section 25 of the Procedures Manual.
11. The Executive Director's signature authority and maximum funding allowed under said authority are established by the Governing Board and can be found in the Procedures Manual. The signature authority applies to each individual or contract entity over the course of the contractual agreement. Requests to enter into or amend a contract that meet or exceed the signature authority for an individual or entity during the fiscal year or in aggregate, must be brought to the Governing Board for approval.

~~1.~~

~~2. Applicants will be approved in accordance with section 4.9 of this Directive.~~

## **6.0 Project Monitoring**

Staff shall adhere to the following:

~~4.1.~~ Water quality projects located within BMAP areas will be monitored and assessed regionally by the Florida Department of Environmental Protection BMAP program. For any water quality project not associated with a BMAP area, District staff will identify the water body affected where possible and use already established long-term water quality monitoring sites to assess regional water quality changes as appropriate.

~~5.2.~~ Staff shall assess water savings for irrigation system retrofits and efficiency improvements through evaluation of pre-retrofit and post-retrofit mobile irrigation lab's evaluations as applicable and rely upon accepted science-based data and computational tools to determine the project benefit.

~~6.3.~~ Where agricultural monitoring can be implemented, staff shall monitor groundwater withdrawal through the District's agricultural monitoring program in accordance with the established Governing Board Directive and associated procedures. These data will be submitted annually to FDACS for incorporation into agricultural water demand projections and to the Office of Water Supply for incorporation into annual estimates of water use.

~~7.4.~~ Staff shall assess agricultural water use and projected demands as a part of the District's water supply planning process.

~~8.5.~~ In lieu of project specific monitoring, staff may rely upon current best available research data and information to determine the project benefit.

6. An individual Water Use Permit holder must implement monitoring of groundwater withdrawals in accordance with Section 4.0, of the District's Water Use Permit Applicant's Handbook and the District's Agricultural Water Use Monitoring Directive (GBD21-007) prior to reimbursement. Projects which are considered a General Permit by Rule are exempt from this requirement.

## **7.0 Additional Considerations**

Staff shall adhere to the following:

~~9.1.~~ Staff shall make cost-share funding applications and information packets available to applicants on the District's webpage or social media outlets.

~~10.2.~~ The Governing Board has set payment percentages and funding maximums for District Agriculture cost-share Best Management Practices that are found in Attachment A. For ~~external funding sources~~ ~~FDEP~~-Ag cost share program applications, District staff shall adhere to payment percentages and funding maximums established by an external funding source ~~FDEP~~.

~~11.3.~~ Agricultural cost-share funds may be used for administrative expenditures provided by a cooperator implementing one or more of the District's agricultural cost share programs.

### **6.08.0 Notice of Potential Conflict**

Paragraph 112.313(7)(a), F.S. prohibits the District's officers and employees from having or holding any employment or contractual relationship with any business entity which is doing business with the District. In CEO 15-1, 98-3, 90-76 and 77-65 the Florida Commission on Ethics held that receiving a grant, such as the funding offered under the District's Agriculture Cost Share Program, constitutes "doing business with" an agency. Therefore, paragraph 112.313(7)(a), F.S. prohibits the

District's officers and employees from having or holding any employment or contractual relationship with any business entity which is participating in the District's Agriculture Cost Share Program.

However, the prohibition set out in paragraph 112.313(7)(a), F.S. does not apply to members of the Governing Board. In CEO 20-09, the Florida Commission on Ethics held that paragraph 112.313(7)(a), F.S. does not prohibit members of the Governing Board from having or holding any employment or contractual relationship with an agricultural producer that applies for and receives a cost-share grant from the District. Provided that such member's actions are still subject to the prohibition against misuse of public position set out in subsection 112.313(6), F.S., and were such matter to come before the Governing Board, the voting conflict law codified in section 112.3143, F.S., would apply.

**Attachment A**

**District Agriculture Cost Share Best Management Practices**

BMP*	Percent Reimbursed	Maximum share amount/Item
<del>Irrigation</del> Irrigation retrofit	75%	\$8,250
Soil Moisture Probe purchase (projects located in a BMAP or PFA)	90%	\$2,000
Soil Moisture Probe purchase	75%	\$1,700
Soil Moisture Probe 2 <sup>nd</sup> and 3 <sup>rd</sup> year service <del>agreements</del> agreements	75%	\$650
Soil Moisture Probe 4 <sup>th</sup> through 6 <sup>th</sup> year service <del>agreements</del> agreements	50%	\$435
Centralized remote-control system	75%	\$9,000
Controller panel <del>upgrader</del> upgrade	75%	\$4,500
Remote control center pivot (radio)	75%	\$2,200
Pump upgrade (high to low pressure)	75%	\$5,500
Variable frequency drives (VFD) <del>upgrader</del>	75%	\$15,000
GPS end- <del>gun</del> shut-offs	75%	\$1,500
Weather station with ET measurement	75%	\$2,500
Grid soil <del>samples</del> sampling	75%	\$7.00/acre
AWS existing surface water source	75%	\$300,000
AWS reclaimed water source	75%	\$300,000
AWS Tailwater recovery/surface water pond construction	75%	-*
<del>Irrigation</del> Irrigation replacement	75%	-*
Compost and ground cover	75%	-*

\*Cost-Share BMPs that are not listed or do not have an established maximum fund share amount shall be presented to the Governing Board for approval.

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

**Directive Number:**     GBD22-0006

**Date Approved:**       December 13, 2022

**Subject:**               Agricultural Cost-Share Program

**Approval:**



\_\_\_\_\_  
**Virginia Johns, Chair**

\_\_\_\_\_  
**Charles Keith, Secretary/Treasurer**

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**1.0 Reference to Prior Directive**

Supersedes Directives GD12-0005, GBD19-0003, GBD20-0002, GBD20-0006 and GBD22-0001.

**2.0 Purpose and Intent**

The purpose of this Directive is to establish a policy and procedure for the District's Agricultural Cost-Share Program. The intent of this directive is to offer District funding assistance to agricultural producers and to accept and administer funding from external funding sources, such as, but not limited to, the Florida Department of Environmental Protection, through an application and evaluation process, to implement projects that increase irrigation efficiency, implement water conservation practices and assist with nutrient management.

**3.0 Statement of Directive**

In accordance with section 373.083 Florida Statutes (F.S.), the Governing Board may participate and cooperate with landowners in water management projects of mutual benefit, provided such projects are consistent with the District's statutory authority and will ensure proper development, utilization and conservation of the water resources and ecology within the jurisdictional boundaries of the District.

**4.0 Program Eligibility Requirements**

An applicant shall adhere to the below list to enter into contract with the District. If an applicant believes that the project should be funded although they do not adhere to the below list, they may present their case for acceptance into the program, as an item to the Governing Board for consideration. The Governing Board may waive the eligibility requirements for cost share. At a minimum, the following will be considered:

1. An applicant must own or have control of all property (parcels). If the applicant does not own the property, proof of control outside of ownership can be established.
2. The project area must have an active Water Use Permit, if required.
3. The applicant must be enrolled in the Florida Department of Agriculture and Consumer Services (FDACS) Notice of Intent to implement best management practices.
4. The applicant must not have received more than \$300,000 for District funded items in Attachment A over five years. Limits on funding from external funding sources may be set by that funding source.



5. The applicant must not be a District employee, or an immediate family member of a District employee.
6. The landowner and/or applicant shall be in compliance with all District Water Use, Water Well, and/or Environmental Resource Permits as well as be in compliance with the terms of any previous or current District contracts.

### **5.0 Review Guidelines**

At a minimum, staff will consider:

1. Applications for District or external entity Cost-Share funding will be open year-round for consideration, subject to funding availability.
2. Staff shall give priority consideration to those projects designed to further the implementation of District's core mission.
3. Priority will be given to projects located within a Water Supply Planning Area, Minimum Flows and Minimum Water Levels Prevention or Recovery Strategy, Outstanding Florida Spring Priority Focus Area and/or Basin Management Action Plan (BMAP).
4. Each application shall include a completed application form. At a minimum, this information should include point of contact, address, phone number, project description, and location information.
5. Staff shall consider the quality of the application as measured by thoroughness and clarity including the location information; the effectiveness of the project to protect, conserve, restore, or augment the areas of water resource and ecology; the use of best management practices; the cost benefit of the project (for multi-year or phased projects, the project benefits to be realized if future phases are not funded); the location of the project; the potential of the project to start, and proceed in a timely manner.
6. Staff shall review the application to ensure the proposed project aligns with the District's core mission. Applicants may be required to modify any water use permits associated with the project if deemed necessary by District Staff.
7. Contingency is capped at 10% of the estimated cost for the entire project.
8. Funding assistance is contingent upon availability of District and/or external agency funds and in accordance with the agreement between the District and the producer.
9. Funding may be provided to assist with the cost of alternative water supplies, water conservation, advanced irrigation management, and nutrient management technology.
10. Final approval for funding of the project proposals are the exclusive responsibility of the Governing Board and the Executive Director in accordance with the District's procurement procedures relating to signature authority as found in section 25 of the Procedures Manual.
11. The Executive Director's signature authority and maximum funding allowed under said authority are established by the Governing Board and can be found in the Procedures Manual. The signature authority applies to each individual or contract entity over the course of the contractual agreement. Requests to enter into or amend a contract that meet or exceed the signature authority for an individual or entity during the fiscal year or in aggregate, must be brought to the Governing Board for approval.

### **6.0 Project Monitoring**

Staff shall adhere to the following:

1. Water quality projects located within BMAP areas will be monitored and assessed regionally by the Florida Department of Environmental Protection BMAP program. For any water quality project not associated with a BMAP area, District staff will identify the water body affected where possible and use already established long-term water quality monitoring sites to assess regional water quality changes as appropriate.
2. Staff shall assess water savings for irrigation system retrofits and efficiency improvements through evaluation of pre-retrofit and post-retrofit mobile irrigation lab's evaluations as applicable and rely upon accepted science-based data and computational tools to determine the project benefit.

3. Where agricultural monitoring can be implemented, staff shall monitor groundwater withdrawal through the District's agricultural monitoring program in accordance with the established Governing Board Directive and associated procedures. These data will be submitted annually to FDACS for incorporation into agricultural water demand projections and to the Office of Water Supply for incorporation into annual estimates of water use.
4. Staff shall assess agricultural water use and projected demands as a part of the District's water supply planning process.
5. In lieu of project specific monitoring, staff may rely upon current best available research data and information to determine the project benefit.
6. An individual Water Use Permit holder must implement monitoring of groundwater withdrawals in accordance with Section 4.0, of the District's Water Use Permit Applicant's Handbook and the District's Agricultural Water Use Monitoring Directive (GBD21-007) prior to re-imbursement. Projects which are considered a General Permit by Rule are exempt from this requirement.

### **7.0 Additional Considerations**

Staff shall adhere to the following:

1. Staff shall make cost-share funding applications and information packets available to applicants on the District's webpage or social media outlets.
2. The Governing Board has set payment percentages and funding maximums for District Agriculture cost-share Best Management Practices that are found in Attachment A. For external funding sourced Ag cost share program applications, District staff shall adhere to payment percentages and funding maximums established by an external funding source.
3. Agricultural cost-share funds may be used for administrative expenditures provided by a cooperator implementing one or more of the District's agricultural cost share programs.

### **8.0 Notice of Potential Conflict**

Paragraph 112.313(7)(a), F.S. prohibits the District's officers and employees from having or holding any employment or contractual relationship with any business entity which is doing business with the District. In CEO 15-1, 98-3, 90-76 and 77-65 the Florida Commission on Ethics held that receiving a grant, such as the funding offered under the District's Agriculture Cost Share Program, constitutes "doing business with" an agency. Therefore, paragraph 112.313(7)(a), F.S. prohibits the District's officers and employees from having or holding any employment or contractual relationship with any business entity which is participating in the District's Agriculture Cost Share Program.

However, the prohibition set out in paragraph 112.313(7)(a), F.S. does not apply to members of the Governing Board. In CEO 20-09, the Florida Commission on Ethics held that paragraph 112.313(7)(a), F.S. does not prohibit members of the Governing Board from having or holding any employment or contractual relationship with an agricultural producer that applies for and receives a cost-share grant from the District. Provided that such member's actions are still subject to the prohibition against misuse of public position set out in subsection 112.313(6), F.S., and were such matter to come before the Governing Board, the voting conflict law codified in section 112.3143, F.S., would apply.

**Attachment A**

**District Agriculture Cost Share Best Management Practices**

BMP*	Percent Reimbursed	Maximum share amount/Item
Irrigation retrofit	75%	\$8,250
Soil Moisture Probe purchase (projects located in a BMAP or PFA)	90%	\$2,000
Soil Moisture Probe purchase	75%	\$1,700
Soil Moisture Probe 2nd and 3rd year service agreements	75%	\$650
Soil Moisture Probe 4th through 6th year service agreements	50%	\$435
Centralized remote-control system	75%	\$9,000
Controller panel upgrade	75%	\$4,500
Remote control center pivot (radio)	75%	\$2,200
Pump upgrade (high to low pressure)	75%	\$5,500
Variable frequency drive (VFD) upgrade	75%	\$15,000
GPS end-gun shut-offs	75%	\$1,500
Weather station with ET measurement	75%	\$2,500
Grid soil sampling	75%	\$7.00/acre
AWS existing surface water source	75%	\$300,000
AWS reclaimed water source	75%	\$300,000
AWS Tailwater recovery/surface water pond construction	75%	-*
Irrigation replacement	75%	-*
Compost and ground cover	75%	-*

\*Cost-Share BMPs that are not listed or do not have an established maximum fund share amount shall be presented to the Governing Board for approval.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

**MEMORANDUM**

TO: Governing Board

FROM: Leroy Marshall, Chief, Office of Agriculture and Environmental Projects

THRU: Amy Brown, Deputy Executive Director, Water Resources

DATE: December 2, 2022

RE: Amendment to Contract 21/22-188 with Tillis Farms, LLC, Levy, Alachua, and Gilchrist Counties

**RECOMMENDATION**

Authorize the Executive Director to amend Contract 21/22-188 with Tillis Farms, LLC for additional agricultural cost-share funding for an amount not to exceed \$174,700.

**BACKGROUND**

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

Tillis Farms, LLC has applied for agricultural cost-share under the District Agricultural Cost-Share Program to implement pivot retrofits, soil moisture probes, portable fertigation system, grid soil sampling, variable rate nutrient application and plant tissue sampling for use across 4,150 acres of corn, watermelons, peanuts, and sorghum in Levy, Alachua, and Gilchrist counties. The original contract was approved by the Executive Director on July 22, 2022, and contained nine soil moisture probe purchases, and 19 second-year soil moisture probe service agreements not to exceed \$30,350. The first amendment was approved by the Executive Director on October 13, 2022 and contained one soil moisture probe purchase not to exceed \$2,000.

This project is located in the Santa Fe Basin Management Action Plan, Suwannee River Basin Management Action Plan area, Fanning Manatee Priority Focus Area, Eastern and Western Water Supply Planning Area. The land applied nitrogen savings is estimated to be 207,500 lbs., which is estimated to result in a reduction of 37,350 lbs. of nitrogen to ground water. The associated water savings estimate is 0.1477 mgd.

This amendment totaling \$174,700, when combined with previous awards, will equal \$201,460.24 for agriculture irrigation BMPs and \$68,100 for precision agriculture practices. Therefore, this contract does not exceed the total maximum cost-share amount of \$300,000 over five years allowed under the appropriate program.

Exhibit A lists the amended cost share item and funding breakdown. Funding for this project is included in the Fiscal Year 2022-2023 budget under account code 06-2586-7-2400-18-01, 03-2586-7-2201-37, and 51-2586-7-2400-06-07.

JBC/tm  
Attachments

**ATTACHMENT A**

PRODUCER TILLIS FARMS, LLC  
 WATER USE PERMIT 220905, 221622, 217432, 220600, 215582,  
 221223, 217642, 216007, 217150, 229178,  
 222531, 220836  
 BMAP SUWA  
 PFA Fanning Manatee  
 COUNTY Levy  
 COUNTY Gilchrist  
 COUNTY Alachua  
 APPLICATION NO. 2022 0094

**Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices**

Item	Percent Cost Share	Maximum Cost Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost Share Total	Producer Share	Completion Due Date
<b>District Program District Cost-share</b>					<b>\$38,200.00</b>		
Soil Moisture probes in BMAP and/or PFA	90%	\$2,000.00		10	\$20,000.00	\$2,222.22	1 year from effective date
Soil Moisture Probe Yr. 2 or 3	75%	\$650.00		28	\$18,200.00	\$6,066.67	1 year from effective date
<b>LP6103K Program Precision Ag</b>					<b>\$68,100.00</b>		
Variable Rate Nutrient Application per Ac.	75%	\$7.00		4150	\$29,050.00	\$9,683.20	1 year from effective date
Tissue Sampling per Ac.	75%	\$20.00		500	\$10,000.00	\$3,333.35	1 year from effective date
Grid Soil Sampling with VRNA	75%	\$7.00		4150	\$29,050.00	\$9,683.20	1 year from effective date
<b>Program SRWMD AWS Pivot Retrofits</b>					<b>\$59,400.00</b>		
AWS Pivot retrofit	90%	\$9,900.00		6	\$59,400.00	\$6,600.00	1 year from effective date

**ATTACHMENT A**

<b>S0796 Program Task 1 Fertigation</b>				<b>\$9,000.00</b>		
Portable Fertigation Tank	75%	\$9,000.00	1	\$9,000.00	\$3,000.00	1 year from effective date

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**FUNDING**

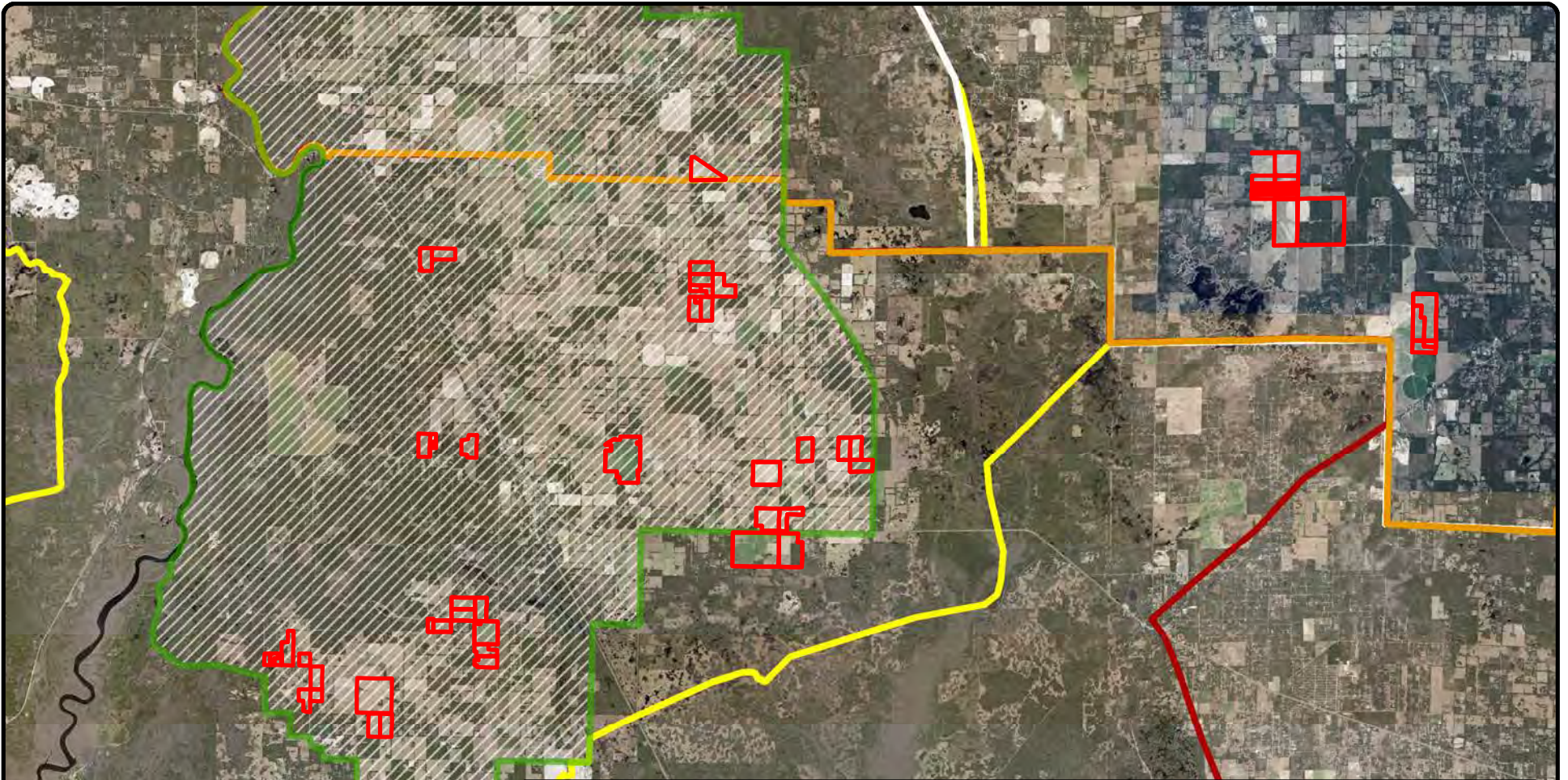
**DISTRICT funding**      \$38,200.00

Estimated PRODUCER Funds      \$40,588.63

**DEP Funding**      \$136,500.00

**Amendment Amount \$174,700.00**

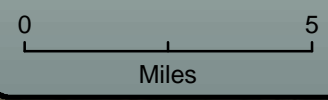




-  Tillis Farms, LLC.
-  Fanning Manatee PFA
-  Water Supply Planning Area - East
-  Water Supply Planning Area - West
-  Santa Fe BMAP
-  Suwannee BMAP

## Tillis Farms, LLC. Cost-Share

December 2022



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