

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

GoTo Webinar Link: <https://attendee.gotowebinar.com/register/3908583927941901325>

Call-In Number for Audio: Toll Free 1-888-585-9008 - Conference Room Number: **704-019-452 #**

Public Comment Form Link: www.MySuwanneeRiver.com/Comments

Open to Public
Limited Seating Capacity and Following CDC Guidelines Regarding Social Distancing

December 8, 2020
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 10, 2020 Board Meeting, Workshops, and Lands Committee Minutes
 - Agenda Item No. 10 - Agreement with the Florida Department of Transportation for the Acquisition for the Quail Heights Parcel, Columbia County
 - Agenda Item No. 11 - Detailed Assessment and Negotiations for a Fee Acquisition of the Crosby Lake Parcel, Bradford County
 - Agenda Item No. 12 - Decline Right of First Refusal on Plantations at Deep Creek Conservation Easement, Columbia County
 - Agenda Item No. 14 - October 2020 Financial Report
 - Agenda Item No. 15 - Rumberger, Kirk and Caldwell Legal Services – Contract 17/18-015 Amendment
 - Agenda Item No. 27 - No Cost Extension for Instream Habitat Studies in the Santa Fe River
6. November 10, 2020 Board Meeting, Workshops, and Lands Committee Minutes
- **Recommend Consent**
7. Items of General Interest for Information/Cooperating Agencies and Organizations
 - A. Hydrologic Conditions Report
 - B. Cooperating Agencies and Organizations

**GOVERNING BOARD LEGAL COUNSEL
Tom Reeves**

8. Legal and Enforcement Updates

BUSINESS AND COMMUNITY SERVICES
Steve Minnis, Deputy Executive Director

Administration

- BCS Page 1 9. Land Acquisition and Disposition Activity Report
- BCS Page 4 10. Agreement with the Florida Department of Transportation for the Acquisition for the Quail Heights Parcel, Columbia County - **Recommend Consent**
- BCS Page 8 11. Detailed Assessment and Negotiations for a Fee Acquisition of the Crosby Lake Parcel, Bradford County - **Recommend Consent**
- BCS Page 13 12. Decline Right of First Refusal on Plantations at Deep Creek Conservation Easement, Columbia County - **Recommend Consent**
- BCS Page 16 13. Detailed Assessment and Negotiations for the Acquisition of the Camp and Abel Tract, Hamilton County

Finance

- BCS Page 27 14. October 2020 Financial Report – **Recommend Consent**
- BCS Page 32 15. Rumberger, Kirk and Caldwell Legal Services – Contract 17/18-015 Amendment – **Recommend Consent**
- BCS Page 33 16. Fiscal Year 2021-2022 Preliminary Budget Submission

Resource Management

- BCS Page 34 17. Permitting Summary Report
- BCS Page 37 18. 2020 FEMA Risk MAP Program Five-Year Business Plan
- BCS Page 68 19. Rulemaking to Amend Rule 40B-400.091, Florida Administrative Code
- BCS Page 71 20. Emergency Variance Request for General Works of the District Permit Application WOD-029-237339-1, Cothron Residence, Dixie County

Agriculture and Environmental Projects

- BCS Page 72 21. Agreements with the Florida Department of Environmental Protection to Receive Alternative Water Supply Grant Funds and to Enter into Cooperative Agreements
- BCS Page 75 22. Contract to Provide Cost-Share Funding to North Florida Holstein, L.C., Gilchrist County
- BCS Page 79 23. Contract to Provide Cost-Share Funding to Lee Peanut Farms, LLC, Madison County

WATER AND LAND RESOURCES
Tom Mirti, Deputy Executive Director

Land Management

WLR Page 1 24. District Land Management and Twin Rivers State Forest Activity Summary

Water Resources

WLR Page 5 25. Agricultural Water Use Monitoring Report

Water Supply / MFL Programs

26. Minimum Flows and Minimum Water Levels Update

WLR Page 7 27. No Cost Extension for Instream Habitat Studies in the Santa Fe River -
Recommend Consent

WLR Page 8 28. Update to the Lake Butler Minimum Flows and Minimum Water Levels Report

29. Water Supply Update

EXECUTIVE OFFICE
Hugh Thomas, Executive Director

EO Page 1 30. District's Weekly Activity Reports

31. Announcements

32. Governing Board Comments

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

January 12, 2021 9:00 a.m. Board Meeting
Workshop / Committee Meetings

****Board Workshops immediately follow Board Meetings unless otherwise
noted.**

33. 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 8, 2020
Following Board Meeting

District Headquarters
Live Oak, Florida

- Fanning Springs Wastewater Infrastructure Improvement Projects Update
- Strategic Plan Update
- Enforcement Policy Directive Update

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
MINUTES OF
GOVERNING BOARD MEETING AND PUBLIC HEARING

GoTo Webinar Link: <https://attendee.gotowebinar.com/register/2119912704840872974>
Call-In Number for Audio: Toll Free 1-888-585-9008 - Conference Room Number: **704-019-452 #**
Public Comment Form Link: www.MySuwanneeRiver.com/Comments
Open to Public

Limited Seating Capacity and Following CDC Guidelines Regarding Social Distancing

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 and are filed in the permanent files of the District.

9:00 a.m., Tuesday
November 10, 2020

District Headquarters
Live Oak, Florida

Agenda Item No. 1 – Call to Order. The meeting was called to order at 9:01 a.m.

Agenda Item No 2 – Roll Call

Governing Board

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

Governing Board Legal Counsel

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

Leadership Team

Position	Name	Present	Not Present
Executive Director	Hugh Thomas	X	
Deputy Executive Director	Tom Mirti	X	
Deputy Executive Director	Steve Minnis	X	
Executive Office and Board Coordinator	Robin Lamm	X	

Guests:

Corey Mikell, H2O Technologies	Bill Steves, Steves Engineering
Merrilee M. Jipson, Our Santa Fe River	Charles Shinn, Florida Farm Bureau
Adam Collins, ACE Inc.	Sherilyn Pickels, Madison County
Mayor Wayne Hamlin, Town of Mayo	Fred Handy, Florida Rural Water Association
Bill Menadier, Dewberry	Sabel Bolling
Kelly Aue	Charles Barrett
Michael Blankenship	The Florida Channel
Roberto Denis	Madeline Hart
Ray Hodge	Peter Kleinhenz
Dallas Lee	Janet Llewellyn

Bob Moresi
Nick Porter
Charles Ross
Zack Thompson
Jim Tatum
Tony Wallace
Kevin Wright
Jan Henderson
Stasi Wachter

Mike New
John Quarterman
Michael Roth
Paul Still
Craig Varn
Stefani Weeks
Benjamin Wyche
Elliot Mallard

Staff:

John Good
Sean King
Christina Green
Warren Zwanka
Libby Schmidt
David Christian
Tyler Jordan
Tara Rodgers

Louis Mantini
Tim Alexander
Libby Schmidt
Patrick Webster
Paul Buchanan
Lindsey Covington
Sky Notestein
Katelyn Potter

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

Agenda Item No. 4 – Public Comment:

- Jim Tatum, Our Santa Fe River – Seven Springs Water Use Permit concerns. Mr. Tatum sent an email to Board members.
- Mike Roth, Our Santa Fe River - Seven Springs Water Use Permit concerns.
- John Quarterman, Suwannee Riverkeepers – FDEP Lands Tour comments and Seven Spring Water Use Permit application concerns.

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

- Agenda Item No. 6 - October 13, 2020 Board Meeting and Workshops Minutes
- Agenda Item No. 11 - September 2020 Financial Report
- Agenda Item No. 22 - Task Work Assignment #19/20-025.001 with Greenman Pedersen, Inc.
- Agenda Item No. 23 - Task Work Assignment #19/20-009.016 with HSW Engineering, Inc.
- Agenda Item No. 24 - Task Work Assignment #19/20-041.011 with Wood Environmental and Infrastructure Solutions, Inc.

MOTION WAS MADE BY SCHWAB, SECONDED BY SANCHEZ TO APPROVE THE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 6 – October 13, 2020 Board Meeting and Workshops Minutes. Approved on Consent.

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

- A. Tom Mirti, Deputy Executive Director, presentation of hydrologic conditions of the District.
- B. Cooperating Agencies and Organizations - None
- C. Service Recognition - John Good, Senior Professional Engineer, recognized Louis Mantini for 20 years of service. Mr. Mirti introduced new employee Sean King, MFL Chief.

GOVERNING BOARD LEGAL COUNSEL

Agenda Item No. 8 – Legal Activities Updates. Tom Reeves, Board Legal Counsel, updated the Board on Seven Springs Water Use Permit Application Administrative case.

Agenda Item No. 9 - Governing Board Directive Number 20-0006, Agricultural Cost-Share Program. Mr. Reeves presented this item to the Board.

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

BUSINESS AND COMMUNITY SERVICES

Steve Minnis, Deputy Executive Director, introduced Tim Alexander, Community Affairs Manager, to the Board.

Administration

Agenda Item No. 10 – Land Acquisition and Disposition Activity Report. This report was provided as an informational item in the Board materials.

Finance

Agenda Item No. 11 – Approval of September 2020 Financial Report. Approved on Consent.

Agenda Item No. 12 – Resolution No. 2020-11, Release of Funds from the Water Protection and Sustainability Program Trust Fund. Christina Green, Senior Budget and Fiscal Analyst, presented this item to the Board.

MOTION WAS MADE BY SCHWAB, SECONDED BY SANCHEZ TO APPROVE THE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 13 – Fiscal Year 2019-2020 Budget Modifications. Mrs. Green presented this item to the Board.

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

Resource Management

Agenda Item No. 14 – Permitting Summary Report. This report was provided as an informational item in the Board materials.

Agenda Item No. 15 – Water Use Permit 2-075-217981-10, Alliance Dairies LLP, Levy and Gilchrist Counties. Chrissy Carr, Chief Environmental Scientist, presented this item to the Board.

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

Agenda Item No. 16 – Emergency Variance Request for General Works of the District Permit Application WOD-029-237339-1, Cothron Residence, Dixie County. Leroy Marshall, Chief Professional Engineer, presented this item to the Board.

The following attendees provided comments to the Board:

Adam Collins, ACE, Inc.
Sable Bolling

AMENDED MOTION MADE BY SCHWAB, SECONDED BY SANCHEZ TO TABLE THE RECOMMENDATION. ADAM COLLINS, AGENT FOR THE PETITIONER, IS TO PROVIDE PLANS FOR THE SEAWALL AND WORK WITH LEROY MARSHALL TO PROVIDE A MITIGATION PLAN THAT IS ACCEPTABLE TO STAFF; STAFF IS TO EXTEND THE ADMINISTRATIVE COMPLIANT AND ORDER UNTIL FEBRUARY 4, 2021; AND TO ACCEPT MR. COLLINS STIPULATION THAT THEY WISH TO WAIVE THE CHAPTER 120, FLORIDA STATUTES, TIME FRAMES TO ALLOW THE MATTER TO BE BROUGHT BACK TO THE DECEMBER 8, 2020 GOVERNING BOARD MEETING. MOTION CARRIED.

Agriculture and Environmental Projects

Agenda Item No. 17 – Contracts for Regional Initiative Valuing Environmental Resources Cost-Share Program. Pat Webster, Chief Professional Engineer, presented this item to the Board.

MOTION WAS MADE BY SANCHEZ, SECONDED BY KEITH TO APPROVE THE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 18 – Contract to Provide Cost-Share Funding to Full Circle Dairy, LLC, Madison County. Libby Schmidt, Project Manager, presented this item to the Board.

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

WATER AND LAND RESOURCES

Land Management

Agenda Item No. 19 - District Land Management and Twin River State Forest Activity Summary. This summary was provided as an informational item in the Board materials.

Water Resources

Agenda Item No. 20 – Agricultural Monitoring Report. This report was provided as an informational item in the Board materials.

Water Supply / MFL Programs

Agenda Item No. 21 – MFL Update. John Good, Chief Professional Engineer, provided an update to the Board.

Agenda Item No. 22 – Task Work Assignment #19/20-025.001 with Greenman Pedersen, Inc.
Approved on Consent.

Agenda Item No. 23 – Task Work Assignment #19/20-009.016 with HSW Engineering, Inc.
Approved on Consent.

Agenda Item No. 24 – Task Work Assignment #19/20-041.011 with Wood Environmental and Infrastructure Solutions, Inc. Approved on Consent.

Agenda Item No. 25 – Water Supply Update. Amy Brown, Water Supply Chief, provided an update to the Board.

EXECUTIVE OFFICE

Agenda Item No. 26 - District's Weekly Activity Reports. These reports were provided as an informational item in the Board materials.

Agenda Item No. 27 – Communications - Year in Review and Looking Ahead. Lindsey Covington, Public Communications Coordinator, provided a powerpoint presentation to the Board.

Merrilee M. Jipson and Lu Merritt provided comments to the Board.

Agenda Item No. 28 - Announcements. Mr. Thomas updated the Board on District activities.

Agenda Item No. 29 – Governing Board Comments. None

Agenda Item No. 30 - Adjournment. Meeting adjourned at 12:00 p.m.

Chair

ATTEST:

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
MINUTES OF DISTRICT WORKSHOPS

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 and are filed in the permanent files of the District.

Workshops began at 12:36 p.m.

Projects Credits Discussion Continued

Janet Llewellyn, LLC., provided a powerpoint presentation regarding offsets and credits of water use statewide. Amy Brown, Water Supply Chief, provided input to the Board during the workshop.

Municipal Water Systems Estimates and Efficiencies

Emily Ryan, Water Supply Planner, and Patrick Webster, Chief Professional Engineer, provided a powerpoint presentation regarding Municipal Water Systems Estimates and Efficiencies in our District. Gary Williams, Florida Rural Water Association, provided input to the Board regarding water audits.

Fiscal Year 2022 Preliminary Budget Discussion

Christina Green, Senior Budget and Fiscal Analyst, provided a powerpoint presentation to the Board regarding the Fiscal Year 2022 Preliminary Budget.

Annual Ethics and Sunshine Law Discussion

Tommy Reeves, Board Legal Counsel, provided a powerpoint presentation to the Board regarding Ethics and Sunshine Law. This is a yearly update for the Board.

Workshop adjourned at 3:08 p.m.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
MINUTES OF DISTRICT LANDS COMMITTEE MEETING

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 and are filed in the permanent files of the District.

November 10, 2020
Following Board Workshops

District Headquarters
Live Oak, FL

1. Call to Order / Committee Roll Call. Meeting began at 3:16 p.m.

Committee Members	Present	Not Present
Richard Schwab (Chair)	X	
Charles Keith	X	
Virginia Sanchez	X	

Board Members Johns and Smith also attended the Lands Committee Meeting.

2. Public Comment. None

General Discussion / Updates.

3. Lukens Tract – Levy County. Steve Schroeder, Administration Chief, provided an update to the Committee.

Land Acquisition / Property Offers

4. Crosby Lake - Bradford County. Mr. Schroeder presented this item to the Committee.

MOTION WAS MADE BY SANCHEZ, SECONDED BY KEITH TO APPROVE RECOMMENDATION. MOTION CARRIED.

5. Camp and Abel Tract – Hamilton County. Mr. Schroeder presented this item to the Committee.

MOTION WAS MADE BY SANCHEZ, SECONDED BY KEITH TO APPROVE RECOMMENDATION. MOTION CARRIED.

6. Quail Heights - Columbia County. Mr. Schroeder presented this item to the Committee.

MOTION WAS MADE BY KEITH, SECONDED BY SCHWAB TO APPROVE RECOMMENDATION. MOTION CARRIED.

7. Plantations at Deep Creek Conservation Easement - Columbia County. Mr. Schroeder presented this item to the Committee.

MOTION WAS MADE BY KEITH, SECONDED BY SANCHEZ TO APPROVE RECOMMENDATION. MOTION CARRIED.

8. Rio Lindo Conservation Easement – Gilchrist County. Mr. Schroeder presented this item to the Committee.

AMENDED MOTION WAS MADE BY SANCHEZ, SECONDED BY KEITH TO CONTACT OWNER FOR AN UPDATED PRICE AND RETURN TO NEXT LANDS COMMITTEE MEETING WITH NEW INFORMATION. MOTION CARRIED.

Conservation Easement Modification Requests: None

Surplus Lands: None

9. Announcements:
10. Adjournment: Meeting adjourned at 4:12 p.m.

Chair

ATTEST:

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Stephen Schroeder, Chief, Office of Administration
THRU: Steve Minnis, Deputy Executive Director, Business and Community Services
DATE: November 25, 2020
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
DECEMBER 2020**

Property Offers						
Tract	Acres	County	Submittal Date	Asking Price	Acquisition Type	Comments
Gilchrist Lyme	17,854	Gilchrist	03.2019	Exchange acreage dependent on configuration/ Sandlin Bay 2,023 acre (USFS)	Easement	Tabled by Lands Committee 6.11.2019. Offeror has contract for sale of property. On hold.
Quail Heights	40.63	Columbia	07.2019	\$2,000,000	Fee	Staff review on 8.8.2019 recommended purchase in partnership with FDOT. Approved by Lands Committee on 2.11.2020. Approved by Governing Board 3.10.2020. Submitted for Springs Grant funding. Springs Grant funding not obtained for FY 2020. Property acquired by FDOT on 9.10.2020. On Lands Committee agenda for 11.10.2020 for partnership consideration with FDOT. Lands Committee approved contribution to acquisition costs 11.10.2020. On Governing Board agenda 12.08.2020
Columbia County Grasslands (ACT) a/k/a Wilson Trust	512	Columbia	08.2019	TBD	Conservation Easement	Staff recommendation to proceed with detailed analysis and negotiations approved by Lands Committee 12.12.2019. Approved by Governing Board on 1.14.2020. Approved by Lands Committee as a Springs Grant acquisition funding project. Approved by Governing Board 3.10.2020. Awaiting Springs Grant funding notification. Funded on Springs Grant list. FDEP will contract with ACT for acquisition.
Santa Fe Springs (ACT) a/k/a Zow, Graham Springs	282	Columbia	08.2019	\$139,041	Fee	Staff recommendation to proceed with detailed analysis and negotiations approved by Lands Committee on 12.12.2019. Approved by Governing Board on 1.14.2020. Due diligence documentation submitted by ACT and being reviewed. Drafting CE to prepare for closing after Springs Grant Funding released. Funded on Springs Grant list. Staff beginning process to finalize transaction including completion of CE terms.
Alapaha Bearden Conservation Easement	430	Hamilton	02.2020	Donation	Conservation Easement	Staff recommendation to proceed with detailed assessment and negotiations. Scheduled for Lands Committee 6.9.2020. Approved by Lands Committee on 6.9.2020 with proviso that if a Phase 2 ESA is required it will come back to Lands Committee. Approved by Governing Board on 7.14.2020.
Riverbend Estates	1.1	Dixie	03.2020	\$11,000	Fee	Staff recommendation to proceed with detailed assessment and negotiations. Approved by Lands Committee on 6.9.2020. Approved by Governing Board agenda on 7.14.2020. In discussions with Offeror to exchange for Timber River parcel in Madison County. Offeror has tentatively agreed to exchange. Contract being prepared.

Easement Requests				
Name	Type	County	Acres	Comments

Approved for Detailed Assessment				
Owner	Project Name	Acres	County	Comments

McB-Pinehatchee	Steinhatchee North/ RO Ranch West-Equestrian	2950/1,277	Lafayette	Approved by Governing Board 11.12.2019. Negotiations in progress. Appraisals received 8.18.2020. Staff reviewing values with NFLT and McB for negotiations. 10.13.2020 Governing Board authorized release of appraisals. Appraisals provided and negotiations ongoing. NFLT to conduct mineral rights exploitation feasibility study as it relates to a portion of the proposed exchange tract.
Drufner	Withlacoochee Hills	10	Hamilton	Approved by Governing Board 11.12.2019. Offer submitted to Seller. Counteroffer tentatively accepted subject to final Board approval and satisfactory Environment Survey Assessment. ESA contractor selected and engaged. ESA report received. On Lands Agenda for 9.21.2020 for approval. Final acquisition approved by Governing Board on 10.13.2020. Title work underway for closing.
Hickman	Alapaha Point	39.8	Hamilton	Staff recommendation to proceed with detailed analysis and negotiations approved by Lands Committee on 12.12.2019. Approved by Governing Board on 1.14.2020. Appraisal received on 5.15.2020. Staff preparing an offer. Environment Survey Assessment pending. Offer submitted. Counter-offer received. Staff has tentative accepted pending satisfactory preliminary title search. Title issues clarified through public records research. Staff will move forward with assessments and negotiations.
Lukens Tract	Lukens	11	Levy	Lands Committee authorized expenditure of up to \$3,500 for an appraisal on 8.11.2020. The property was under contract shortly thereafter so no action taken. Property sold 10.15.2020 so no appraisal conducted no funds expended. File closed.
Michael and Freda Shaw	Shaw Conservation Easement Exchange	1,099	Lafayette	Negotiations ongoing.

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
Branford Bend	50	Suwannee	6.30.2004	Florida Forever	N/A	TBD by appraisal update.	Suspended until further review. Staff review scheduled for 8.8.2019. Staff recommends continuing surplus process to explore potential land exchanges adjacent to tract. <u>Appraisal update required.</u>
Country Club Road	80	Columbia	7.1.2015	Enforcement Action	TBD	TBD by appraisal update.	Title commitment and survey completed. Governing Board reaffirmed surplus 7.9.2019. Engineering and design process underway. Negotiations for potential sale ongoing <u>pending final engineering/project plans.</u>
Forest Woodlands	11	Gilchrist	10.11.1996	Save Our Rivers	TBD	To be determined by appraisal.	Staff recommended for surplus. Approved by Lands Committee on 10.10.2019. Approved by Governing Board 11.12.2019. 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 Lands Committee on 4.14.2020. Approved by Governing Board 5.12.2020. Offered for surplus via District website. Offered for sale to adjacent owners, two offers received. Approved by Lands Committee 8.11.2020 to accept highest offer. Scheduled for Governing Board agenda 9.8.2020. Withdrawn from Board on 9.8.2020. Being resubmitted to Lands Committee for its 9.21.2020 meeting for staff recommendation to reject all offers and offer for sale to the general public. Governing Board approved Lands Committee recommendation on 10.13.2020. All bids rejected and property will be offered for sale to the general public.
Suwannee Run Shores	1.175	Dixie	12.30.1997	Save Our Rivers	TBD	To be determined by appraisal.	Staff recommended for surplus. Approved by Lands Committee 7.9.2019. Approved by Governing Board 8.13.2019. To be offered to adjacent property owners. Adjacent Property owners notified, responses/bids with appraisals due 4.15.2020. 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 Lands Committee 7.9. 2019. Approved by Governing Board 8.8.2019. To be offered to adjacent property owners. Adjacent Property owners notified, responses/bids with appraisals due 4.15.2020. Two offers received, highest offer approved by Lands Committee 6.9.2020. On Governing Board agenda for 7.14.2020. Approved by Governing Board 7.14.2020. 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 Governing Board.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Agreement with the Florida Department of Transportation for the Acquisition for the Quail Heights Parcel, Columbia County

RECOMMENDATION

Accept the Lands Committee recommendation to the Governing Board to authorize the Executive Director to enter into an agreement with the Florida Department of Transportation for reimbursement for a portion of a 40.83 acre +/- parcel of real property known as Quail Heights located in Columbia County for an amount not to exceed \$651,105.

BACKGROUND

On February 11, 2020, the Lands Committee recommended to the Governing Board to include the Quail Heights Project in the District's submittal to the Florida Department of Environmental Protection (FDEP). On April 14, 2020, the Governing Board concurred with the Lands Committee recommendation. Although the project did not receive Springs Grant funding for the current year, District staff is still interested in pursuing this project and submitting it for Springs Funding consideration in future years.

The proposed project involves a partnership between the District, Florida Department of Transportation (FDOT), and Columbia County. The total project cost is estimated at \$8,209,300, with a match of \$5,048,195 from FDOT that includes \$968,195 for land acquisition and \$4,080,000 for construction, \$651,105 from the District for land acquisition, and a future Springs Restoration Grant request of \$2,510,000.

On September 10, 2020, the FDOT acquired fee interest in 40.83 acres +/- of real property located in Columbia County within Quail Heights. The FDOT portion of the project will serve as direct treatment for roadway improvements on SR 247 and I-75. The construction of the joint-use stormwater pond will treat and attenuate runoff from Cannon Creek. It will treat existing untreated runoff and provide a net benefit to Cannon Creek, a tributary of the Santa Fe River. Over 800 pounds of nitrogen are estimated to be removed each year by the project.

Runoff will be piped from the Cannon Creek crossing just north of the Bascom Norris Intersection with SR 247, which is proposed to reduce existing flooding. Additionally, nitrogen levels upstream and downstream of the pond site will be monitored to evaluate nitrogen removal effectiveness and the reduction in frequency and/or duration of overtopping of SR 247 at the Bascom Norris intersection.

The property is entirely within the Ichetucknee Springshed Priority Focus Area and 9.74 acres +/- are within the floodplain. Staff review found that the property has project potential to improve water quality and water flow within the Ichetucknee Springshed. District staff recommends partnering with FDOT on the land acquisition, with FDOT initially holding the title to the property with the possible future conveyance of a portion of the project land to Columbia County for their partnership area responsibility.

The Lands Committee unanimously accepted the staff recommendation at its November 10, 2020 meeting.

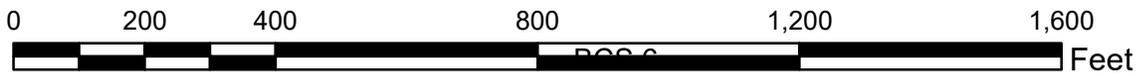
The triage summary map and conceptual project drawing are attached.

SCS/tm
Attachments
File # 19-012

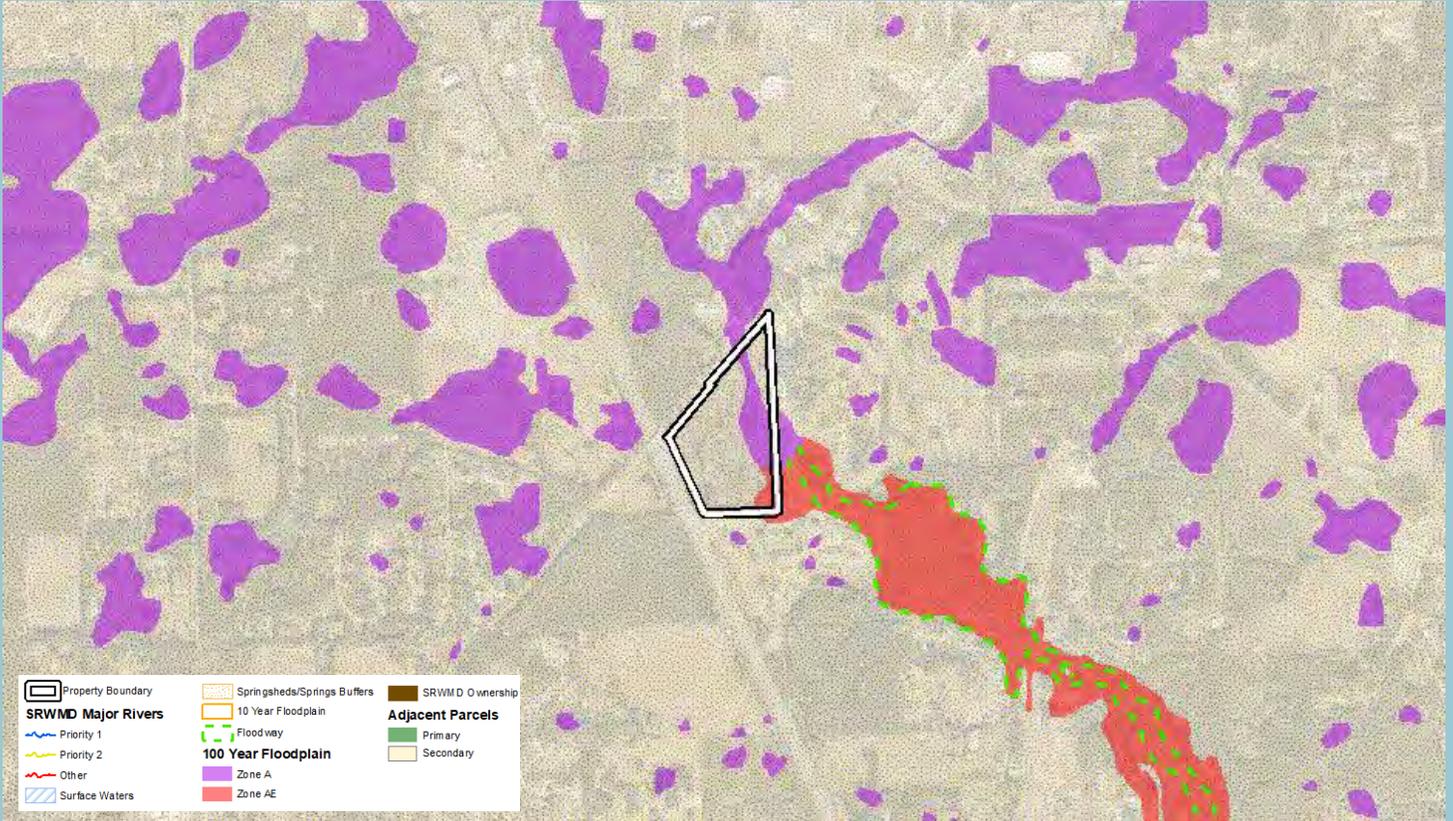
-  CYPRESS
-  INTERMITTENT PONDS
-  MIXED WETLAND HARDWOODS
-  RESERVOIRS LESS THAN 10 ACRES
-  UPLAND CUT DITCH
-  WETLAND CUT DITCH

JOINT USE POND

FDOT POND



Suwannee River Water Management District Triage Analysis Results



Property Name: Quail Heights

Date: 08/08/19

Acreage: ± 40.83 ac

County: Columbia

Transaction Type: Acquisition

Surface Water Protection-

Major River? (N)

Riverine Surface Waters? (N)

Springs Protection -

Within Springshed or springs buffers?

(Y) [Itchetucknee] [± 40.83 ac]

Adjacency

(N)

Flood Protection-

Floodway? (N)

10 Year Floodplain? (N)

100 Year Floodplain? (Y) [± 9.74 ac]

Miscellaneous:

PFA? (Y) [Itchetucknee]

WRCA? (Y) [Eastern]

BMAP? (Y) [Santa Fe]



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Detailed Assessment and Negotiations for a Fee Acquisition of the Crosby Lake Parcel, Bradford County

RECOMMENDATION

Accept the Lands Committee recommendation to the Governing Board to authorize staff to enter into detailed assessment and negotiations for the acquisition of a 1,380 +/- acre parcel located in Bradford County and authorize staff to present the final proposed acquisition, related project plans and contracts directly to the Governing Board.

BACKGROUND

The District received an offer to purchase the fee interest in a 1,380 +/- acre parcel of real estate in Bradford County from Mr. Avery Roberts. The parcel is partially adjacent to Crosby Lake. The offer proposes a price of \$2,900 per acre to be determined by an appraisal and the offeror has also confirmed that a conservation easement would be considered in lieu of a fee purchase.

Staff continues to assess the parcel for potential projects to include alternative water supply projects and anticipates having a proposal before the end of November 2020. Further, staff believes that some partnership with Bradford County will be necessary to address concerns with a canal that crosses the parcel and connects Crosby Lake to Lake Sampson. The parcel contains 200 +/- acres of riverine surface waters, 810 +/- acres within the 100-year floodplain and is within the Eastern Water Supply Planning Area and the Santa Fe Basin Management Action Plan.

Staff is recommending that the District conduct detailed assessments and enter into negotiations with the offeror and Bradford County while proceeding with conceptual project development options.

Because the final acquisition will include project plans and a contractual arrangement with another governmental entity, staff requests that the Lands Committee authorize the final proposal to be submitted directly to the Governing Board.

The acquisition has the potential to exceed \$1,000,000, and therefore it was submitted for review by the Executive Office of the Governor through the Florida Department of Environmental Protection pursuant to the Governor's Memo #12-019. On October 30, 2020, the District received approval to proceed as submitted.

At its meeting on November 10, 2020, the Lands Committee unanimously accepted the staff recommendation provided that acquisition of a conservation easement be the primary focus of negotiations.

The offer, an e-mail refining the offering price, triage summary map and a parcel assessment are attached.

SCS/tm
Attachments
File #2020-011

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
PROPERTY OFFER APPLICATION**

9225 CR 49, Live Oak, FL 32060

(386)362.1001

E-Mail: acquisitions@srwmd.org

Rule 40B-9.041(1), Florida Administrative Code, requires specific information to initiate the acquisition process.

Applicant Information
 Name: Roberts Capital Ventures, LLC
 Address: P.O. Box 238 City: Lake Butler State FL Zip: 32054
 Phone: (386)496-3509 E-Mail: avery@flaland.com
 Applicant Signature: _____ Date: _____

Owner of Record (Owner is Applicant yes no)
 Name: Roberts Capital Ventures, LLC
 Address: PO Box 238 City: Lake Butler State FL Zip: 32054
 Phone: (386)496-3509 E-Mail: avery@flaland.com
 Owner's Authorization: This is to advise the individual named above as applicant is the Authorized Representative of the owner(s) of the property described below. This authorization is for any communication and negotiations concerning conveyance of the property to the Suwannee River Water Management District.
 Owner Signature:  Date: 3/12/20
 Owner Signature: _____ Date: _____

Property/Project Information
 Asking Price (Fee): TBD (Conservation Easement) : _____
 General Location (address, intersection, etc.) Located off of SR 100 & Crosby Lake, Starke, Florida
 Acreage: 1,380 +/- County: Bradford
 Tax Parcel Number(s): See Attached - Listing of Tax Parcel Number(s)
 Legal Description: Portions of Sections 22, 23, 24, 25, 26, 27, 35 & 36, Township 6 South, Range 21 East; See Attached - for full Legal Description

 Improvements: None
 In addition, please provide an aerial, survey, or map identifying property boundaries and a copy of the Deed.

Title Condition (Deed restrictions, easements, mineral interest, rights held by others, etc.)
 See Attached - Title Conditions

Agreements (Identify any existing purchase agreement, option contract, listing agreement, or any other arrangement or agreement.)

Other Pertinent Information (Please provide any other information that may be helpful in evaluating the request.)



9/6/2018

ROBERTS CAPITAL VENTURES, LLC

P.O. Box 238
Lake Butler, FL 32054
(386) 496-3509
Fax: (386) 496-4309

April 16, 2020

Mr. Stephen Schroeder
Office of Administrator Chief
Suwannee River Water Management District
9225 CR 49
Live Oak, FL 32060
Via Email: Stephen.Schroeder@srwmd.org

Re: Crosby Lake Tract, Bradford County, Florida

Dear Mr. Schroeder,

In follow up to recent discussions and pursuant to your request – our current asking price for a fee simple purchase of the above referenced property, or a substantial portion thereof, is \$2,900.00 per acre. Please be advised that we would also be extremely interested in discussing the possibility of a conservation easement, however we would need some additional information as to the general limitations and potential terms for same before we would be able to determine an asking price for that type of encumbrance. We have been involved with the placement of conservation easements on some of our properties in the past, which some were more restrictive than others, so if we could get a little more information on what the District may envision for this property it will be helpful to us in being able to provide you with that pricing.

We look forward to hearing from Mr. Bill McKinstry and setting up a site visit to tour the property at his convenience.

If you should you have any questions or if you need any additional information at this time, please do not hesitate to give me a call at (386)496-3509 or on my cell at (352)278-0841.

We appreciate all of your time and interest in our property.

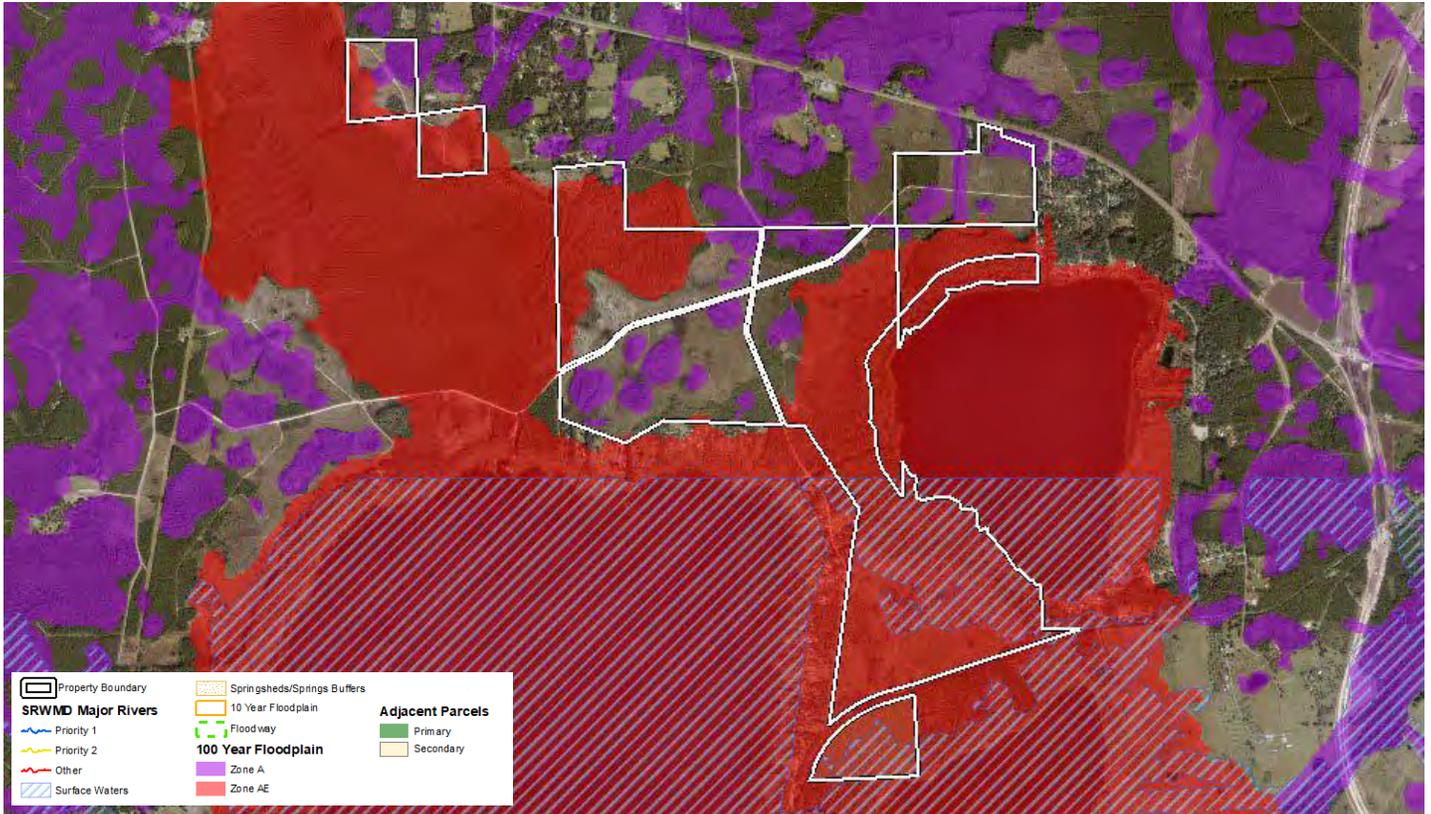
Sincerely,



Avery C. Roberts
Manager



SUWANNEE TRIAGE ANALYSIS RESULTS



Property Name: Crosby Lake Tract

Date: 04/09/2020

Acreage: ± 1380

County: Bradford

Transaction Type: Acquisition

Florida Forever: No

Surface Water Protection

Major River: (N)

Riverine Surface Waters: (Y) [± 200 ac]

Flood Protection

Floodway: (N)

10 Year Floodplain: (N/A)

100 Year Floodplain: (Y) [± 810 ac]

Springs Protection

Springshed: (N)

Adjacency: (Partial Primary)

Miscellaneous

PFA: (N)

WSPA: (Y) [Eastern]

BMAP: (Y) [Santa Fe]

PARCEL SUMMARY

TRACT: Crosby Lake

OWNER: Roberts Capital Ventures, LLC

PARCEL: 1,380 acres +/-

PARCEL DESCRIPTION: The Crosby Lake parcel consists of one large parcel and two smaller nearby parcels comprising 1,380 acres +/- in Bradford County. The parcel is partially adjacent to Crosby Lake. The offer proposes a price of \$2,900 per acre to be determined by an appraisal and the Offeror has also confirmed that a conservation easement would be considered in lieu of a fee purchase.

Staff continues to assess the parcel for potential projects to include alternative water supply projects and anticipates having a proposal before the end of November 2020. Further, staff believes that some partnership with Bradford County will be necessary to address concerns with a canal that crosses the parcel and connects Crosby Lake to Lake Sampson.

WATER RESOURCE GUIDELINE SCREENING:

Riverine Surface Water Protection: 15%
(due to errors in a third party database which created an anomaly in the analysis, this is likely a low depiction of surface water protection)
Springshed Protection: 0%
Floodplain Protection: 59%
Priority Focus Area: No
Water Supply Planning Area: Eastern
BMAP: No

OUTSTANDING INTERESTS: Owner indicates there are no outstanding interests, however, this will be confirmed through a title search.

CURRENT ASKING PRICE: The property is being offered for \$2,900 per but the owner has indicated a willingness to negotiate. Upon completion of the appraisal staff will negotiate the value of the property rights to be conveyed to the District in accordance with Florida Statutes. Additionally, a less than fee acquisition may also be available.

ASSESSMENT COSTS: Costs of detailed assessment are estimated to be from \$5,000 to \$7,500

ACCESS: This property appears to be accessible via State Road 100 and various smaller roads.

MANAGEMENT: District staff has not visited the site but are familiar with the areas due to adjacency to existing District lands and have determined that it presents no issues for management.

SCS/rl
File #2020-011

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Decline Right of First Refusal on Plantations at Deep Creek Conservation Easement, Columbia County

RECOMMENDATION

Accept the Lands Committee recommendation that the Governing Board decline to exercise the right of first refusal for the Plantations at Deep Creek Conservation Easement over 2,144 +/- acres located in Columbia County.

BACKGROUND

In May 2006, the District acquired a conservation easement for the Plantations at Deep Creek on 2,144 +/- acres in Columbia County. The easement included a clause allowing the District the right of first refusal for the fee-simple purchase of the property.

In September 2020, the District received an e-mail from a local realtor advising that the owner of the Plantations at Deep Creek had an offer to purchase the property in the amount of \$7,650,000 and requested that the District act in regards to the right of first refusal acquired as part of the conservation easement over the parcel.

After review, staff recommended that the District decline to exercise the right of first refusal in this instance. Under the terms of the right of first refusal, the fee owner should have invited an offer from the District prior to offering the property for sale, however that was not done. Staff maintains the position that there is no advantage to the District to owning the fee over owning the conservation easement.

The Lands Committee unanimously accepted the staff recommendation at its November 10, 2020 regular meeting.

The e-mail from the realtor and a location map are attached.

SCS/tm
Attachments
File # 04-002

Schroeder, Stephen

From: Jon Kohler <jon@jonkohler.com>
Sent: Tuesday, September 29, 2020 11:10 AM
To: Schroeder, Stephen
Subject: Deep Creek Plantation ROFR

Stephen,

The SRWMD has a Right of First Refusal on the conservation easement at Deep Creek Plantation. <https://jonkohler.com/property/florida/deep-creek-plantation/>

A Letter of Intent has been agreed upon with an Jacksonville based group in the amount of \$7,650,000 for the entire 2,144 acres, including equipment, with a 75 day close. Will you please notify the Lands Committee and BOD on whether they have an intent to exercise their ROFR per the terms of the Conservation Easement. In the past they have waived this right. I would like to get this on the monthly meeting agenda as soon as possible such that it would not delay the buyers closing and use and enjoyment during the quickly approaching hunting season.

Thank you and please let me know if you need any additional information.



Jon Kohler, JD
*Land Advisor &
Broker Juris Doctorate*
[\(850\) 508-2999](tel:(850)508-2999)

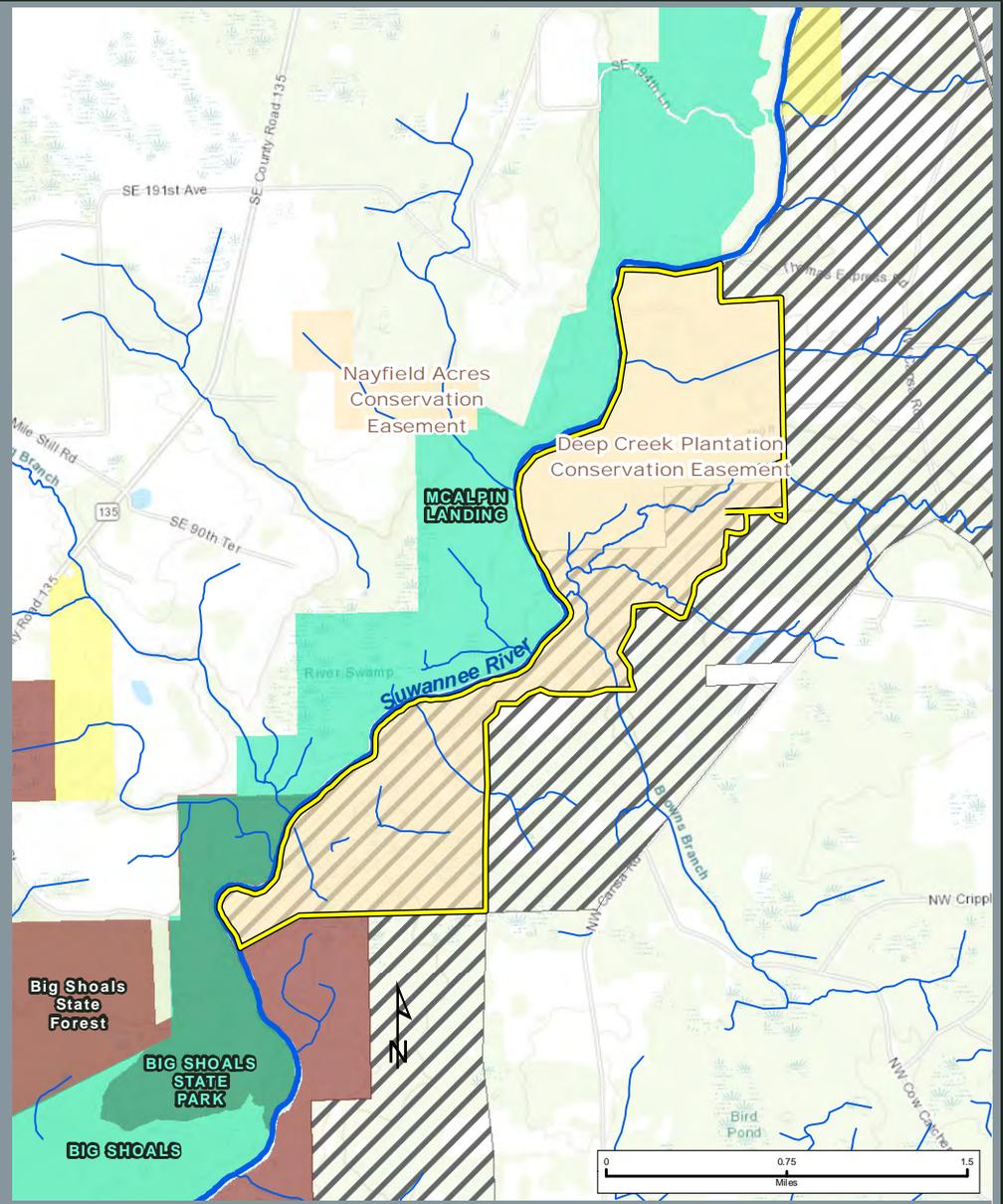
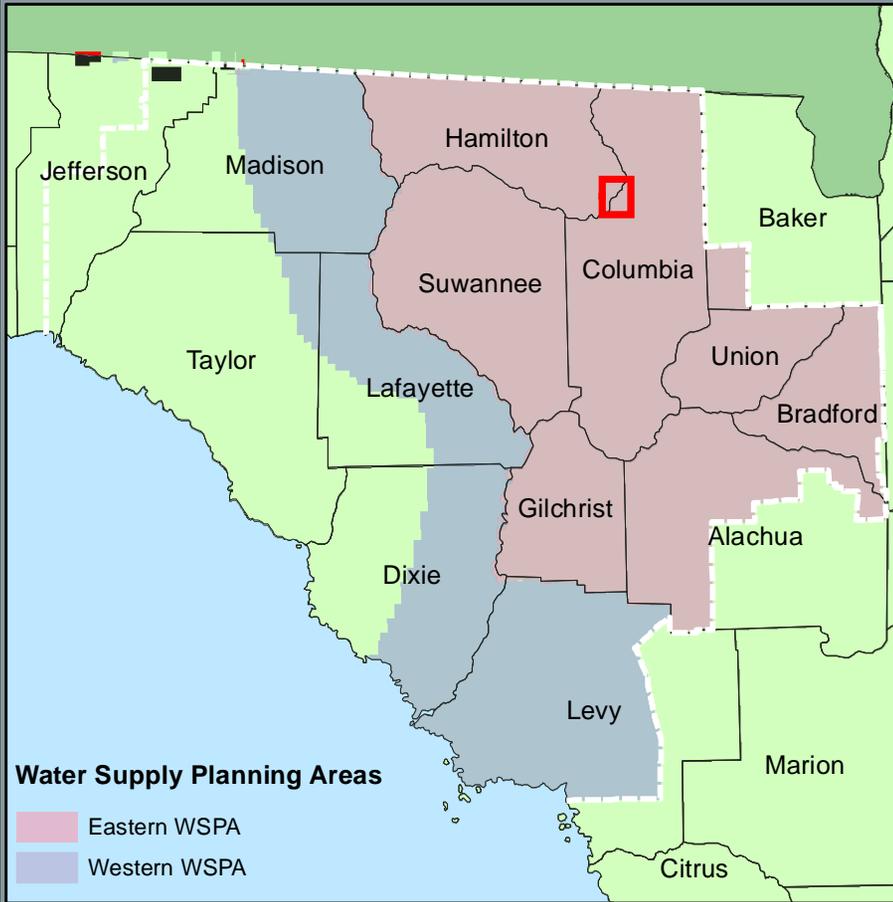


Co-Founding Partner of
LANDLEADER • *The National Leader in Land Marketing*

Follow the Sporting Lifestyle



Plantations at Deep Creek ± 1191.97 ac Location Map



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 10/21/2020

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Detailed Assessment and Negotiations for the Acquisition of the Camp and Abel Tract, Hamilton County

RECOMMENDATION

Accept the Lands Committee recommendation to the Governing Board to authorize staff to enter into detailed assessment and negotiations for the fee acquisition of the Camp and Abel Tract, consisting of three parcels totaling 266.16 +/- acres located in Hamilton County.

BACKGROUND

In September 2020, the District received an offer to sell three parcels of real property located in Hamilton County consisting of 266.16 +/- acres. The offer included a price of \$948,000 which is negotiable and dependent upon appraisals. Staff has reviewed the parcels and recommends proceeding with the acquisition.

In assessing the parcels, staff separated the parcels into two separate triage units. Camp and Abel 1 contains two parcels located on the east side of Hamilton County abutting the Suwannee River and contain a combined 181.16 +/- acres. Camp and Abel 2 consists of one parcel located Southwest of the Camp and Abel 1 parcel and consists of 85 +/- acres also abutting the Suwannee River.

Camp and Abel 1 and 2 are within the District's Florida Forever workplan, are within the Eastern Water Supply Planning Area, provide surface water protection and flood protection benefits for the Suwannee River, and are adjacent to other District properties. Neither are within a priority focus area or BMAP.

Camp and Abel 1 contains 58.67 acres +/- of riverine surface waters and is entirely within the 10 and 100-year floodplain (178.12 acres are within the floodway).

Camp and Abel 2 contains 68.52 +/- acres within the floodway and 77.41 acres +/- within the 100-year floodplain.

After review, staff believes that ownership by the District would prevent further development in the floodway and floodplain, would improve public access to District lands and to the river, and would provide access for potential projects on the property.

At its meeting on November 10, 2020 the Lands Committee unanimously approved the staff recommendation, however, the Committee specifically directed that staff provide a LiDAR map of the property and that the final recommendation for acquisition be accompanied by a land management plan.

On November 17, 2020 Land Management staff conducted a site visit to preliminarily assess management issues and opportunities. The following is a summary of the site visit assessment.

Camp and Abel 1 adjoins the District-owned Belmont and Turner Bridge tracts and could provide for additional primitive camping accessible via canoe or kayak and could potentially increase recreational equestrian, biking, and hiking in the future. The addition of this parcel will protect approximately one mile of river front. Staff does not anticipate management issues for this parcel. Each parcel appears to have about 25 acres of potentially accessible timber that could be harvested. The timber stands on the parcel adjoining the Turner Bridge Tract are roughly 15-year-old loblolly pine and the timber stands on the parcel adjoining the Belmont Tract are roughly 25-year-old loblolly pine.

Camp and Abel 2, which adjoins the District-owned Jerry Branch Tract, would protect some unique environments not often available for purchase. This parcel would protect 1.07 miles of river frontage along with other sensitive natural communities directly connected to the river and its floodplain. The property is part of the Cody Escarpment, a portion of which extends completely to the river's edge which is a rare occurrence in the region. This portion of the property is not in the 100-year floodplain. Along the northside of the Escarpment a portion of the creek known as Jerry Branch flows through the property and into the river. There are approximately 25 acres of 15-year-old planted slash pine that could be thinned to improve forest health. Staff does not anticipate management issues for these parcels.

A copy of the offer sheet, location map, triage summary map, LiDAR map, and a parcel assessment are attached.

SCS/tm
Attachments
File # 2020-012

Camp Et. Al., LTD
c/o Bette Camp Conine
3803 Halisport Lane
Kennesaw, Ga 30144
770-722-9157

The three (3) parcels contained in this offer are owned jointly by Camp Et. Al., LTD and the Sara Camp Abel Family Limited Partnership. Campville, LLC is the general partner of Camp Et. Al, LTD and Bette Camp Conine is the Managing Member. Walter B. Abel, Jr. is the General Partner of the Sara Camp Abel Family Partnership.

All three (3) parcels are currently under a timber lease with PCA. As the lease is terminating, clear title will not be a problem. Also, Parcel 2777-000 has been designated as part of the Greenways and Trails System.

The parcels being offered have a total of 2.5 miles of frontage on the Suwannee River. Further, as shown herein, each parcel contains currently merchantable timber. A report of the standing timber is attached hereto.


Bette Camp Conine
Campville, LLC
Managing Member

RECEIVED

SEP 23 2020

Suwannee River Water
Management District

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
PROPERTY OFFER APPLICATION**

9225 CR 49, Live Oak, FL 32060

(386)362.1001

E-Mail: acquisitions@srwmd.org

Rule 40B-9.041(1), Florida Administrative Code, requires specific information to initiate the acquisition process.

Applicant Information Camp Et. AL, LTD
Name: Bette Camp Conine
Address: 3903 Halisport Lane City: Kennesaw State GA Zip: 30144
Phone: 770-722-9157 E-Mail bccconine@comcast.net
Applicant Signature: _____ Date 9-21-20

Owner of Record (Owner is Applicant yes no)
Name: Camp Et. AL, LTD and Sara Camp Abel Family Limited Partnership
Address: _____ City: _____ State _____ Zip: _____
Phone: _____ E-Mail _____

Owner's Authorization: This is to advise the individual named above as applicant is the Authorized Representative of the owner(s) of the property described below. This authorization is for any communication and negotiations concerning conveyance of the property to the Suwannee River Water Management District.

Owner Signature: Bette Camp Conine Date: 9-21-20
Owner Signature: Bette Camp Conine, Managing Member Date: 9-21-20

Property/Project Information Price Negotiable based on appraisal.
Asking Price (Fee): \$948,000.00 (Conservation Easement): _____
General Location (address, intersection, etc.) _____
Acreage: 266.16 County: Hamilton
Tax Parcel Number(s): 1010-000; 1024-000; 2777-000
Legal Description: 4-IN-16E; 9-IN-16E; 36-1S-14E

Improvements: NONE

In addition, please provide an aerial, survey, or map identifying property boundaries and a copy of the Deed. See attached. Deeds will be provided as needed.

Title Condition (Deed restrictions, easements, mineral interest, rights held by others, etc.)
Expiring PCA Timber Lease
Florida Greenwaves + Trails Designation

Agreements (Identify any existing purchase agreement, option contract, listing agreement, or any other arrangement or agreement.) None

Other Pertinent Information (Please provide any other information that may be helpful in evaluating the request.) Merchantable timber



**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
PROPERTY OFFER APPLICATION**

9225 CR 49, Live Oak, FL 32060
(386)362.1001
E-Mail: acquisitions@srwmd.org

Rule 40B-9.041(1), Florida Administrative Code, requires specific information to initiate the acquisition process.

Applicant Information
 Name: _____
 Address: _____ City: _____ State _____ Zip: _____
 Phone: _____ E-Mail _____
 Applicant Signature: _____ Date _____

Owner of Record (Owner is Applicant yes no) *Sara Camp Abel Family Limited Partnership*
 Name: Walter B. Abel, Jr.
 Address: 4080 Walnut Cove Circle City: Fairfax State VA Zip: 22030
 Phone: 704-577-9919 E-Mail: waltabel@aol.com

Owner's Authorization: This is to advise the individual named above as applicant is the Authorized Representative of the owner(s) of the property described below. This authorization is for any communication and negotiations concerning conveyance of the property to the Suwannee River Water Management District.

Owner Signature: Walter B. Abel, Jr. Date: 3/2/2020
 Owner Signature: General Partner Date: _____

Property/Project Information
 Asking Price (Fee): _____ (Conservation Easement) : _____
 General Location (address, intersection, etc.) _____
 Acreage: _____ County: _____
 Tax Parcel Number(s): _____
 Legal Description: _____

 Improvements: _____

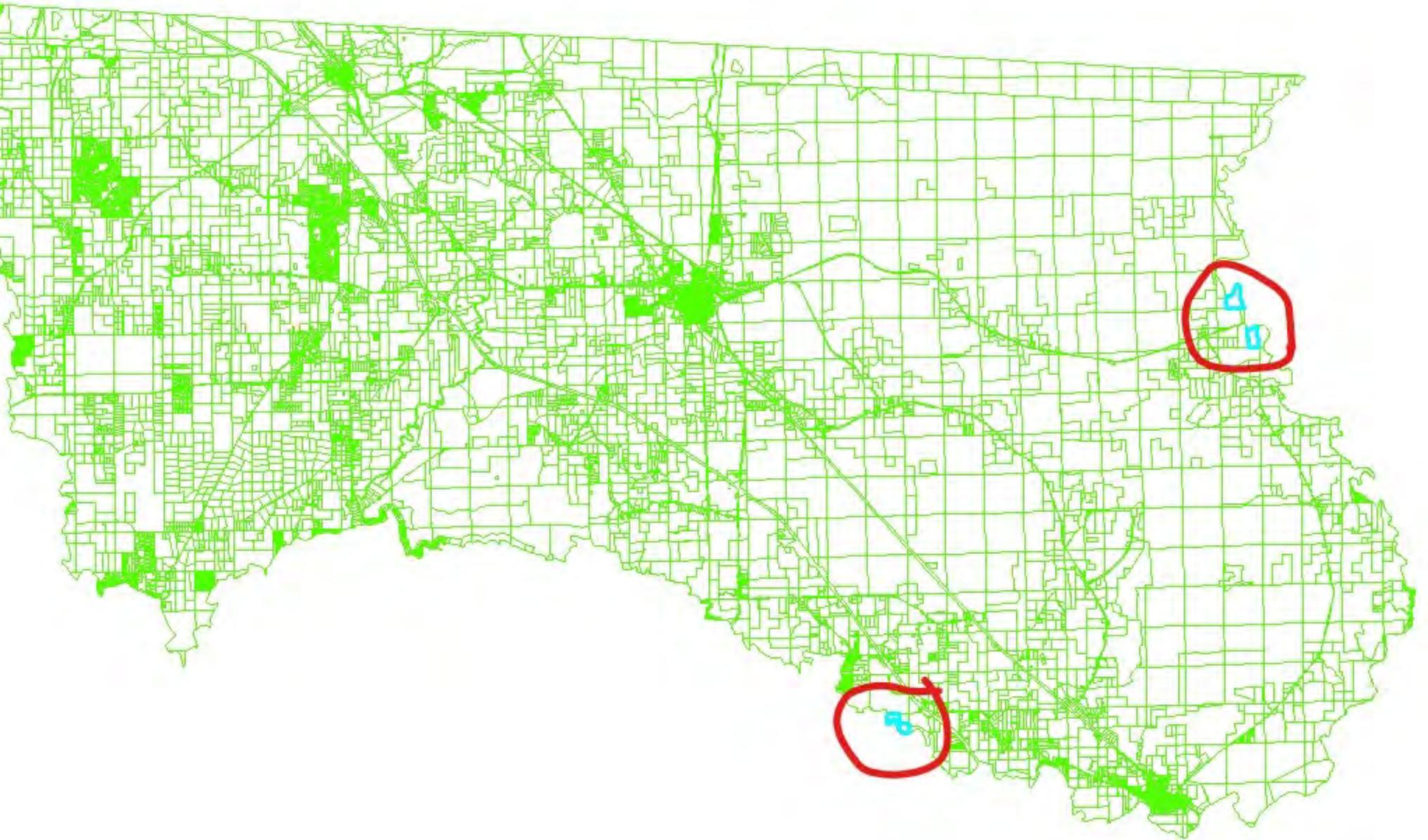
 In addition, please provide an aerial, survey, or map identifying property boundaries and a copy of the Deed.

Title Condition (Deed restrictions, easements, mineral interest, rights held by others, etc.)

Agreements (Identify any existing purchase agreement, option contract, listing agreement, or any other arrangement or agreement.)

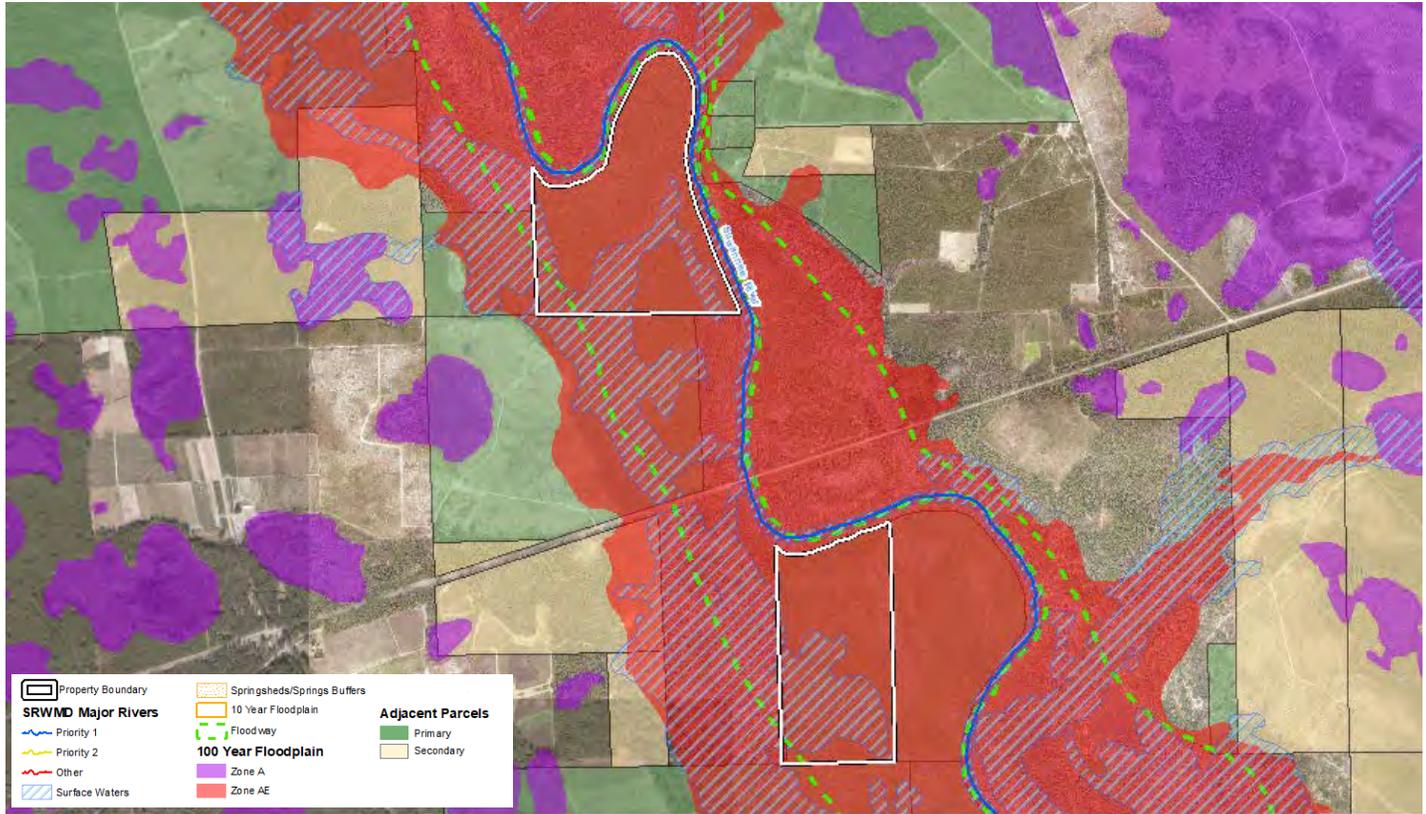
Other Pertinent Information (Please provide any other information that may be helpful in evaluating the request.)







SUWANNEE TRIAGE ANALYSIS RESULTS



Property Name: Camp and Abel 1

Date: 10/08/2020

Acreage: ± 181.16 ac

County: Hamilton

Transaction Type: Acquisition

Florida Forever: Yes

Surface Water Protection

Major River: (Y) [Suwannee – Priority 1]

Riverine Surface Waters: (Y) [± 58.67 ac]

Flood Protection

Floodway: (Y) [± 178.12 ac]

10 Year Floodplain: (Y) [± 181.16 ac]

100 Year Floodplain: (Y) [± 181.16 ac]

Springs Protection

Springshed: (N)

Adjacency: (Y) [Primary]

Miscellaneous

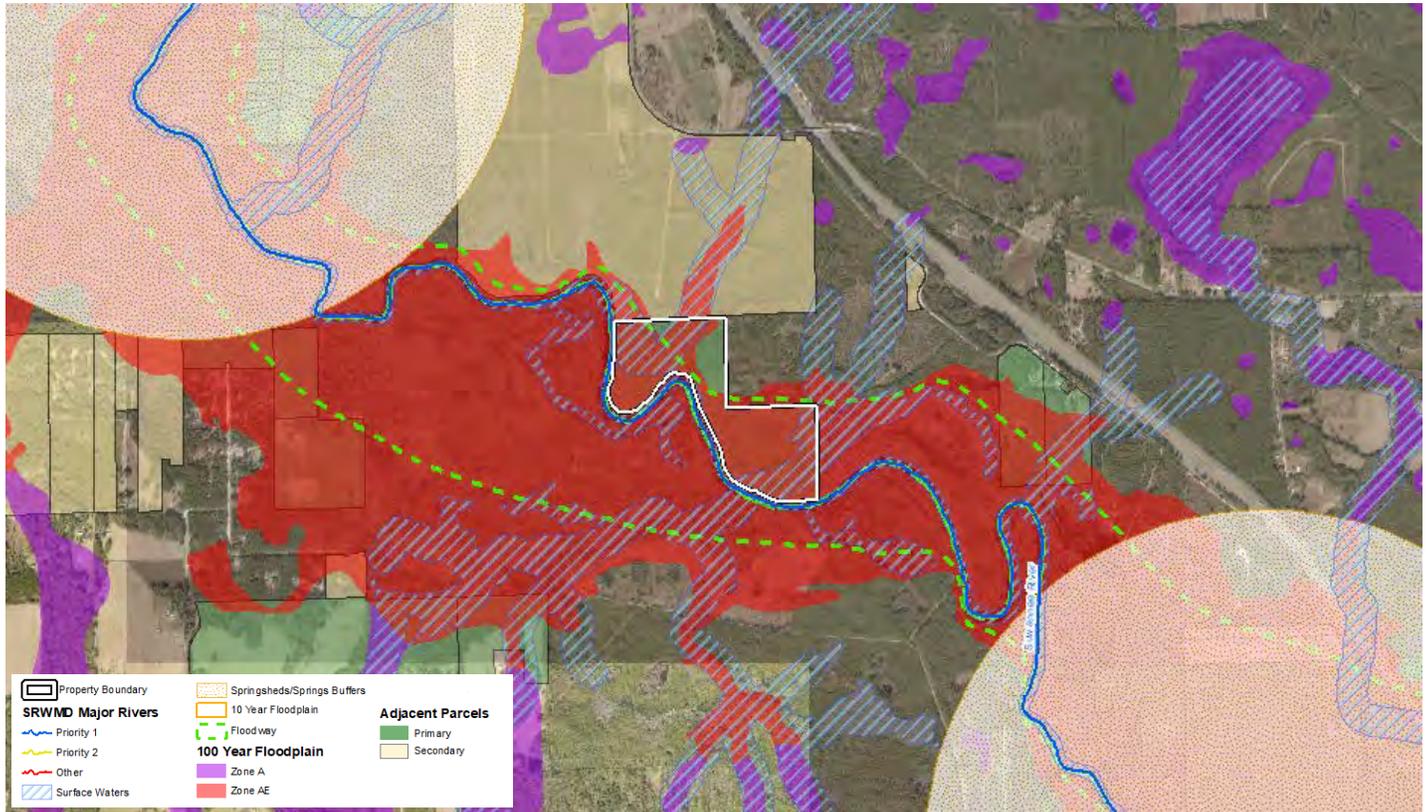
PFA: (N)

WSPA: (Y) [Eastern]

BMAP: (N)



SUWANNEE TRIAGE ANALYSIS RESULTS



Property Name: Camp and Abel 2

Date: 10/08/2020

Acreage: ± 85 ac

County: Hamilton

Transaction Type: Acquisition

Florida Forever: Yes

Surface Water Protection

Major River: (Y) [Suwannee – Priority 1]

Riverine Surface Waters: (Y) [± 35.2 ac]

Flood Protection

Floodway: (Y) [± 68.52 ac]

10 Year Floodplain: (Y) [± 69.53 ac]

100 Year Floodplain: (Y) [± 77.41 ac]

Springs Protection

Springshed: (N)

Adjacency: (Y) [Primary]

Miscellaneous

PFA: (N)

WSPA: (Y) [Eastern]

BMAP: (N)

PARCEL SUMMARY

TRACT: Camp and Abel

OWNER: Camp et. al. Ltd. And Sara Camp Abel Family Limited Partnership

PARCEL: 266.16 acres +/-

PARCEL DESCRIPTION: The Camp and Abel Tract consists of three parcels located in Hamilton County and combined comprise a total of 266.16 +/- acres. The parcels are adjacent to several District-owned tracts including Jerry Branch, Turner Bridge, Cypress Creek South and Belmont. Two of the parcels would provide uninterrupted connection between Turner Bridge and Cypress Creek South and would expand the Belmont Tract. Both parcels would increase river frontage on the Suwannee River. The third tract would connect Jerry Branch with the Suwannee River, again providing additional river front property owned by the District.

The parcels have been used for timber operations with a recent termination of the timber lease. Ownership by the District would provide protections against future development within the floodway and floodplain of the Suwannee River, provide increased river and surface water protection and enhance public access to existing District lands. All three parcels are included in the District's Florida Forever plan.

WATER RESOURCE GUIDELINE SCREENING:

Camp and Abel 1 (181.16 acres +/-)

Riverine Surface Water Protection: 32%

Springshed Protection: 0%

Floodplain Protection: 100%

Priority Focus Area: No

Water Supply Planning Area: Eastern

BMAP: No

Camp and Abel 2 (85 acres +/-)

Riverine Surface Water Protection: 41%

Springshed Protection: 0%

Floodplain Protection: 91%

Priority Focus Area: No

Water Supply Planning Area: Eastern

BMAP: No

OUTSTANDING INTERESTS: Owner indicates there are no outstanding interests, however, this will be confirmed through a title search.

CURRENT ASKING PRICE: The property is being offered for \$948,000 but the owners have indicated a willingness to negotiate. Upon completion of the appraisal staff will negotiate the value of the property rights to be conveyed to the District in accordance with Florida Statutes.

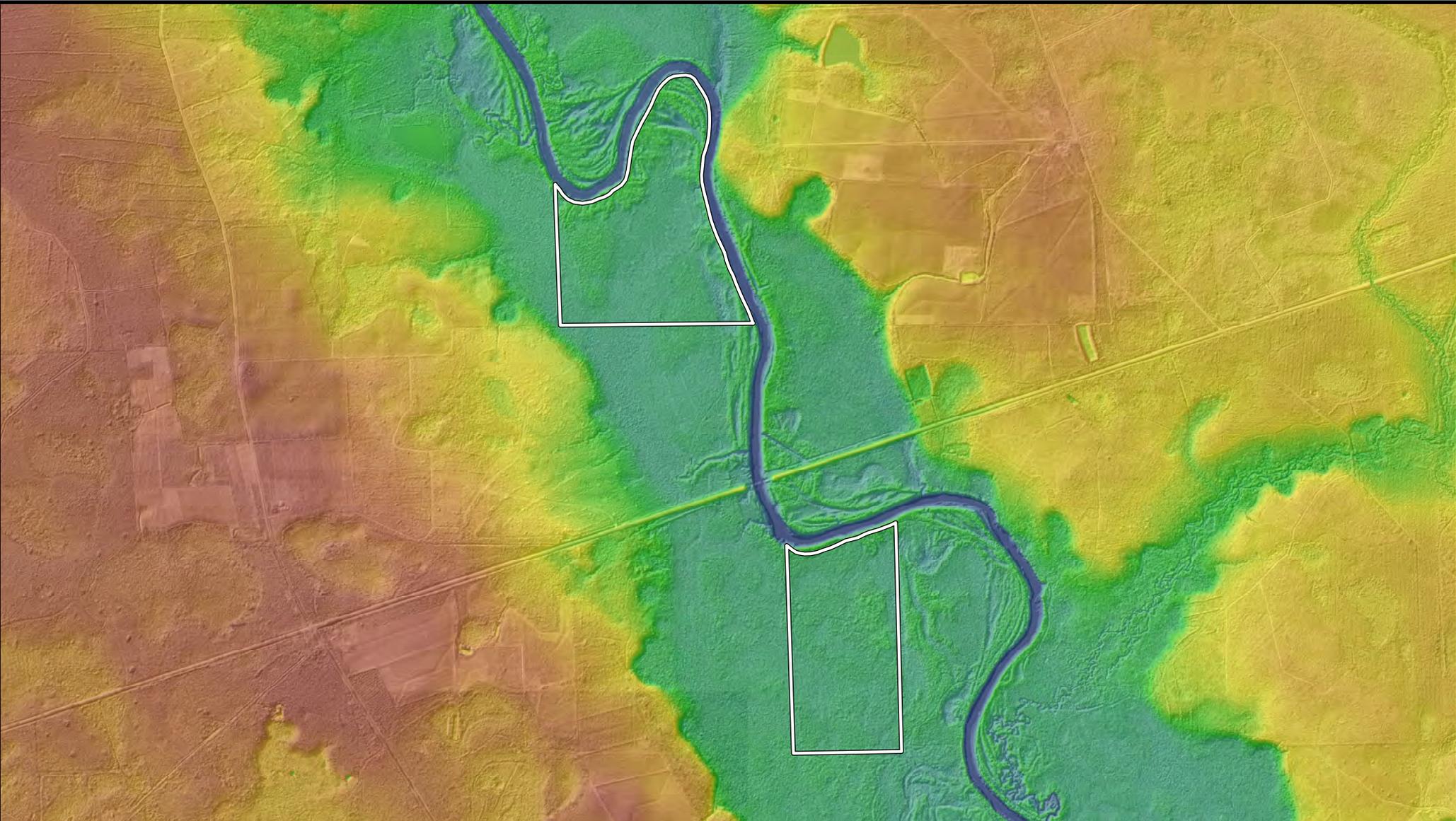
ASSESSMENT COSTS: Costs of detailed assessment are estimated to be from \$7,500 to \$10,000.

ACCESS: This property appears to be accessible via privately maintained road across adjoining properties, including District owned lands.

MANAGEMENT: District staff has not visited the site but are familiar with the areas due to adjacency to existing District lands and have determined that it presents no issues for management.

SCS/rl

File #2020-012

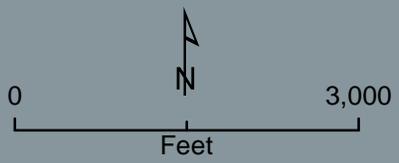
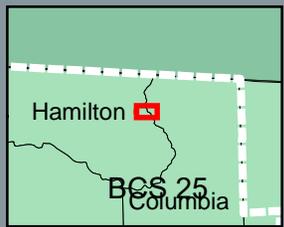


Camp & Abel 1 Property Offer LIDAR

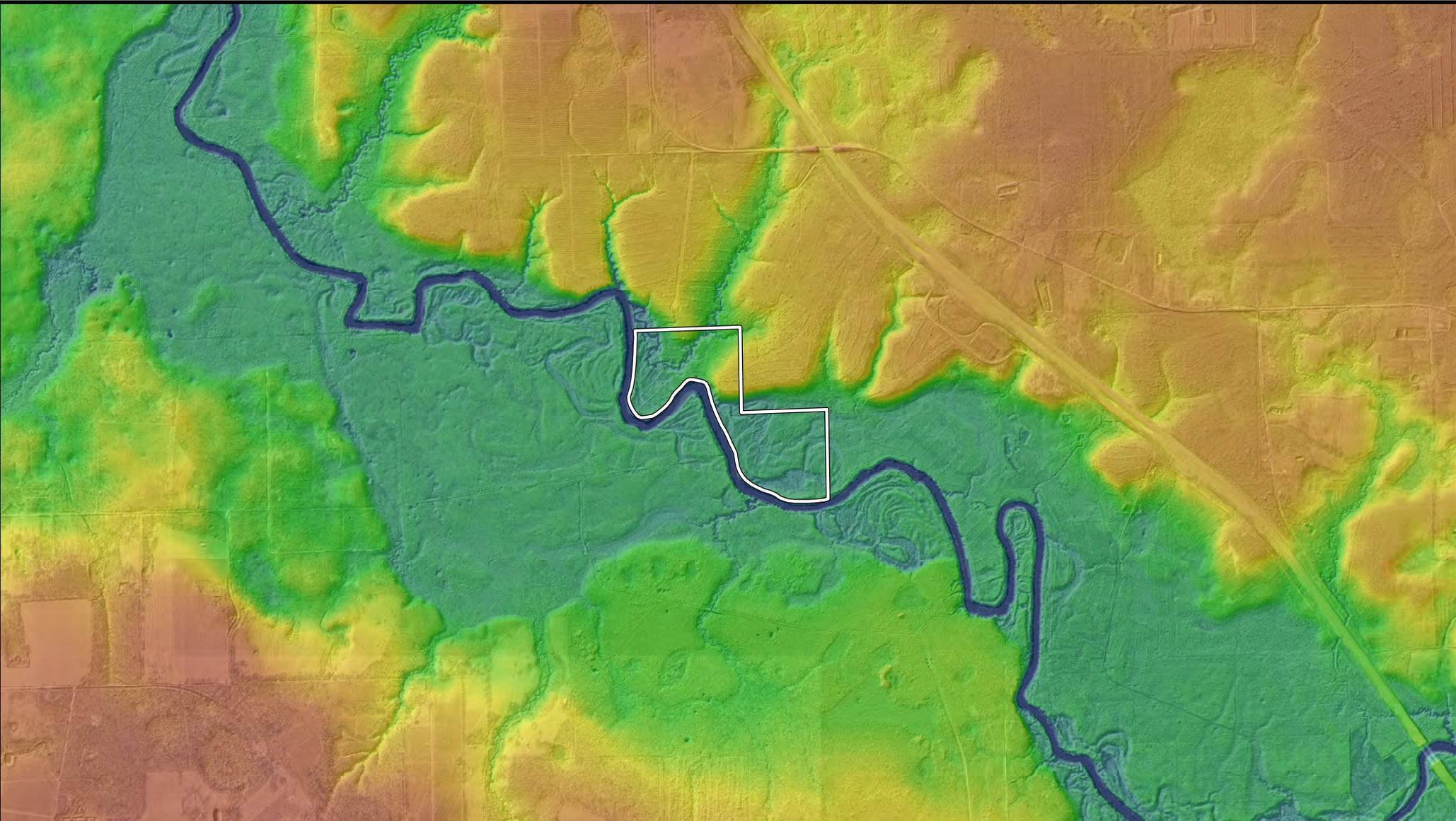
 Property Boundary

Bare Earth Elevation
High : 137

Low : 71



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 11/13/2020



Property Boundary

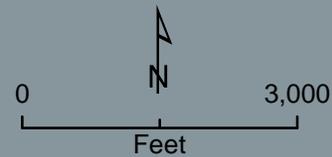
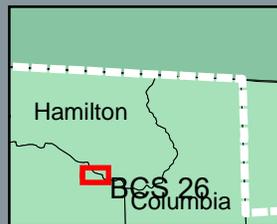
Bare Earth Elevation

High : 143



Low : 37

Camp & Abel 2 Property Offer LIDAR



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 11/12/2020

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Pam Shaw, Chief, Office of Finance

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: October 2020 Financial Report

RECOMMENDATION

Approve the October 2020 Financial Report and confirm the expenditures of the District.

BACKGROUND

Subsection 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 2020**

Financial Institution/Account	Monthly Interest	Interest Rate %	Closing Balance
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	\$49.94	0.00%	\$1,558,200.70
Special Purpose Investment Account (SPIA)*	<u>\$75,696.37</u>	2.26%	<u>\$41,893,079.03</u>
TOTAL	<u><u>\$75,746.31</u></u>		<u><u>\$43,486,779.73</u></u>

*SPIA is part of the Florida Treasury Investment Pool

**Suwannee River Water Management District
Statement of Sources and Uses of Funds
For the Month ending October 31, 2020
(Unaudited)**

	Current Budget	Actuals Through 10/31/2020	Variance (Under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 6,034,682	\$ 8,007	\$ (6,026,675)	0.1%
Intergovernmental Revenues	\$ 39,950,983	\$ 51,132	\$ (39,899,851)	0.1%
Interest on Invested Funds	\$ 130,000	\$ 75,270	\$ (54,730)	57.9%
License and Permit Fees	\$ 163,000	\$ 26,640	\$ (136,360)	16.3%
Other	\$ 1,000,000	\$ 337	\$ (999,663)	0.0%
Fund Balance ¹	\$ 11,789,923	\$ 9,719	\$ (11,780,204)	0.1%
Total Sources	\$ 59,068,588	\$ 171,106	\$ (58,897,482)	0.3%

	Current Budget	Expenditures	Encumbrances ²	Available Budget	%Expended	%Obligated ³
Uses						
Water Resources Planning and Monitoring	\$ 11,309,318	\$ 188,303	\$ 2,852,734	\$ 8,268,281	2%	27%
Acquisition, Restoration and Public Works	\$ 37,812,028	\$ 141,257	\$ 22,477,476	\$ 15,193,295	0%	60%
Operation and Maintenance of Lands and Works	\$ 6,127,699	\$ 181,972	\$ 541,210	\$ 5,404,518	3%	12%
Regulation	\$ 1,894,389	\$ 104,050	\$ 50,638	\$ 1,739,701	5%	8%
Outreach	\$ 243,657	\$ 9,416	\$ -	\$ 234,241	4%	4%
Management and Administration	\$ 1,681,497	\$ 102,354	\$ 56,449	\$ 1,522,693	6%	9%
Total Uses	\$ 59,068,588	\$ 727,353	\$ 25,978,507	\$ 32,362,728	1%	45%

¹ 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.

² Encumbrances represent unexpended balances of open purchase orders and contracts.

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

This financial statement is prepared as of October 31, 2020 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 10/31/2020

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>Report Recap -</u>			
REVENUES			
DISTRICT REVENUES	110,255	0	7,327,682
LOCAL REVENUES	0	0	86,480
STATE REVENUES	51,132	0	36,208,503
FEDERAL REVENUES	0	0	3,656,000
FUND BALANCE UTILIZATION	9,719	0	11,789,923
TOTAL REVENUES	171,106	0	59,068,588
EXPENDITURES			
SALARIES AND BENEFITS	494,212	0	6,709,559
CONTRACTUAL SERVICES	67,719	8,909,003	22,052,900
OPERATING EXPENDITURES	141,467	90,946	1,810,700
OPERATING CAPITAL OUTLAY	0	15,265	410,044
FIXED CAPITAL OUTLAY	0	27,790	5,077,000
INTERAGENCY EXPENDITURES	23,955	16,935,503	23,008,385
TOTAL EXPENDITURES	727,353	25,978,507	59,068,588
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(556,247)	(25,978,507)	0
<u>General Fund -</u>			
REVENUES			
DISTRICT REVENUES	86,320	0	4,938,432
LOCAL REVENUES	0	0	86,480
STATE REVENUES	8,864	0	2,740,000
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	0	0	1,866,522
TOTAL REVENUES	95,184	0	9,631,434
EXPENDITURES			
SALARIES AND BENEFITS	387,120	0	5,181,595
CONTRACTUAL SERVICES	7,199	652,256	2,074,290
OPERATING EXPENDITURES	28,599	66,749	1,016,233
OPERATING CAPITAL OUTLAY	0	13,415	253,336
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	23,955	127,670	1,105,980
TOTAL EXPENDITURES	446,873	860,090	9,631,434
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(351,689)	(860,090)	0
<u>Land Management Operations -</u>			
REVENUES			
DISTRICT REVENUES	250	0	2,314,250
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	2,290,119
FEDERAL REVENUES	0	0	40,000
FUND BALANCE UTILIZATION	0	0	2,020,330
TOTAL REVENUES	250	0	6,664,699
EXPENDITURES			
SALARIES AND BENEFITS	65,963	0	786,979
CONTRACTUAL SERVICES	4,280	477,588	3,328,610
OPERATING EXPENDITURES	111,728	18,758	722,467
OPERATING CAPITAL OUTLAY	0	1,850	156,708
FIXED CAPITAL OUTLAY	0	27,790	977,000
INTERAGENCY EXPENDITURES	0	15,224	692,935
TOTAL EXPENDITURES	181,971	541,210	6,664,699
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(181,721)	(541,210)	0

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
FOR 10/31/2020

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>District Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	9,719	0	5,319,470
TOTAL REVENUES	9,719	0	5,319,470
EXPENDITURES			
SALARIES AND BENEFITS	0	0	0
CONTRACTUAL SERVICES	9,719	1,284,547	2,250,000
OPERATING EXPENDITURES	0	0	30,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	0	919,586	3,039,470
TOTAL EXPENDITURES	9,719	2,204,133	5,319,470
EXCESS REVENUES OVER (UNDER) EXPENDITURES	0	(2,204,133)	0
<u>State Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	23,686	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	42,269	0	31,178,384
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	0	0	2,583,601
TOTAL REVENUES	65,955	0	33,761,985
EXPENDITURES			
SALARIES AND BENEFITS	41,129	0	724,985
CONTRACTUAL SERVICES	46,520	4,445,489	10,749,000
OPERATING EXPENDITURES	1,140	5,440	36,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	4,100,000
INTERAGENCY EXPENDITURES	0	15,873,023	18,152,000
TOTAL EXPENDITURES	88,789	20,323,952	33,761,985
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(22,834)	(20,323,952)	0
<u>Federal Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	75,000
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	0	0	3,616,000
FUND BALANCE UTILIZATION	0	0	0
TOTAL REVENUES	0	0	3,691,000
EXPENDITURES			
SALARIES AND BENEFITS	0	0	16,000
CONTRACTUAL SERVICES	0	2,049,124	3,651,000
OPERATING EXPENDITURES	0	0	6,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	0	0	18,000
TOTAL EXPENDITURES	0	2,049,124	3,691,000
EXCESS REVENUES OVER (UNDER) EXPENDITURES	0	(2,049,124)	0

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Pam Shaw, Chief, Office of Finance
THRU: Steve Minnis, Deputy Executive Director, Business and Community Services
DATE: November 25, 2020
RE: Rumberger, Kirk and Caldwell Legal Services Contract Amendment

RECOMMENDATION

Authorize the Executive Director to amend contract No. 17/18- 015 with Rumberger, Kirk and Caldwell to increase legal services by \$35,000 for an amount not to exceed \$120,000.

BACKGROUND

The law firm Rumberger, Kirk, and Caldwell represents the District with ongoing litigation with Mr. Jeffrey Hill. At the September 26, 2017 Governing Board meeting, the Board authorized a contract with Rumberger, Kirk and Caldwell due to litigation costs exceeding the allowable insurance coverage amount. Costs for ongoing legal services has also exceeded the contracted amount due to unanticipated litigation.

At the September 26, 2017 Governing Board meeting, the Board authorized staff to contract with Rumberger, Kirk, and Caldwell for \$50,000 and at the January 9, 2018 meeting the Board authorized an amendment for \$35,000 to continue representing the District for an amount not to exceed \$85,000. The amount of the contract was fully expended in February 2018.

At the January 9, 2018 Governing Board meeting, staff noted that additional funds may need to be requested at a later date due to appeals and continued litigation on the case. Additional costs were incurred in fiscal years 2017-2018 (FY 2018) in the amount of \$1,202.91, FY 2019 in the amount of \$198.00 and FY 2020 in the amount of \$9,437.88 due to appeals and continued litigation. The District continues to incur costs during FY 2021.

This amendment request is for an additional \$35,000 for costs incurred since February 2018 and unanticipated future legal services. Should additional litigation occur and exceed the revised contracted amount, additional funds may be requested.

PJS/tm

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Christina Green, Senior Budget and Fiscal Analyst, Office of Finance

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Fiscal Year 2021-2022 Preliminary Budget Submission

RECOMMENDATION

Approve the Preliminary Budget for Fiscal Year 2021-2022 of \$59,044,373 and authorize the Executive Director to make recommended adjustments as necessary to submit the Standard Format Preliminary Budget by January 15, 2021 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 15th 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.

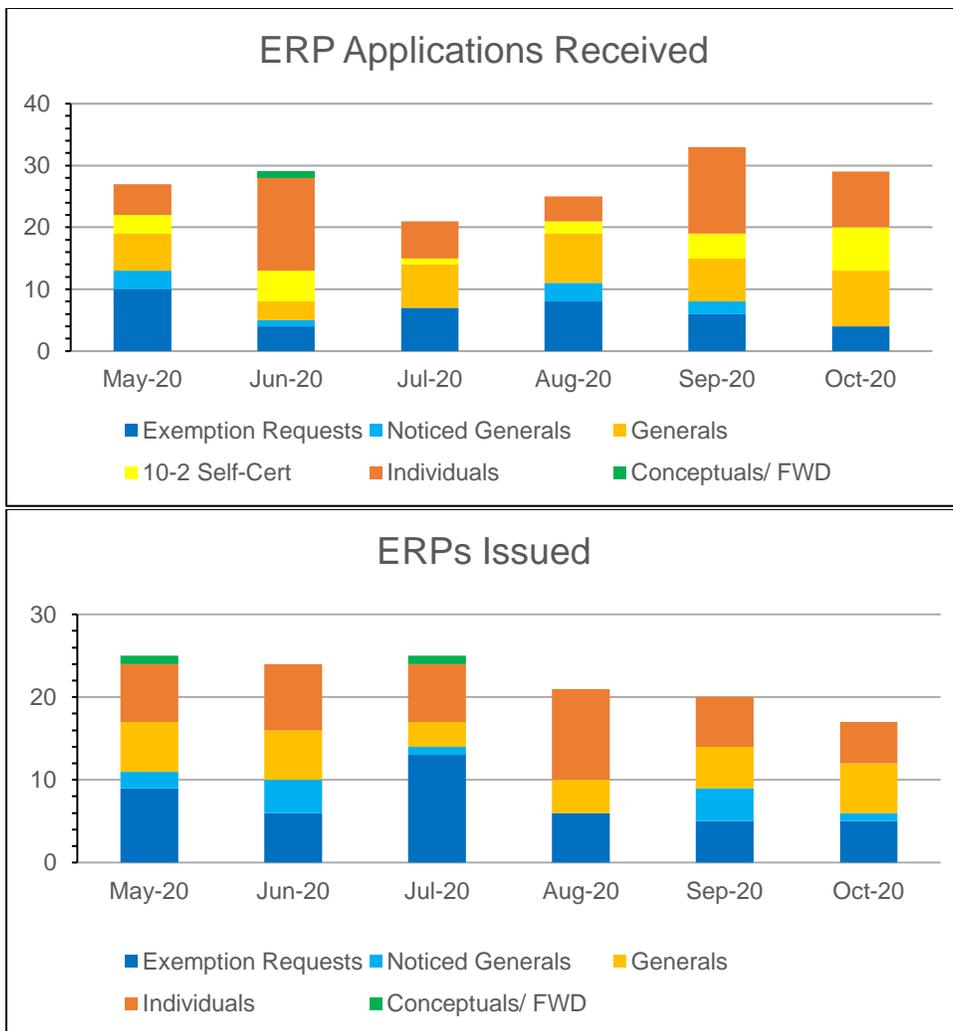
The preliminary budget submitted for review is balanced by fund, properly utilizes restricted funds, and provides for expenditures as designated and as defined by the Governmental Accounting Standards Board Statement No. 54.

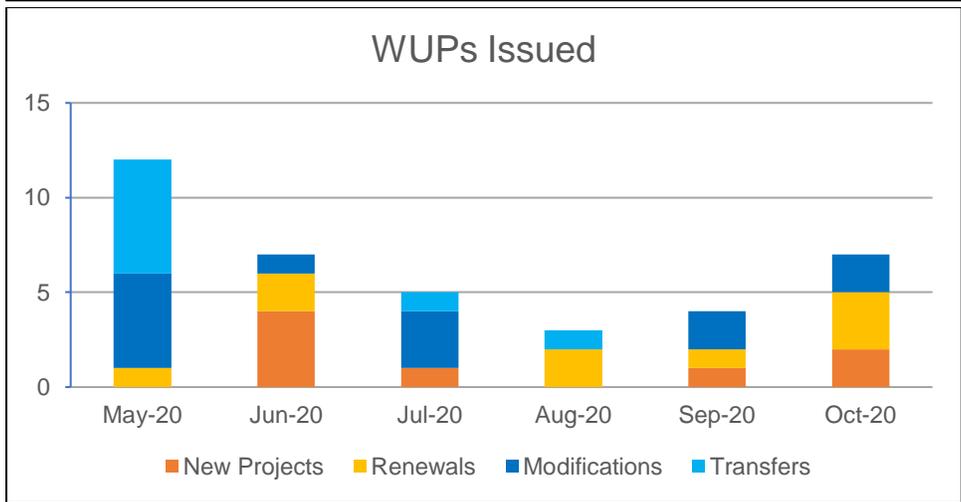
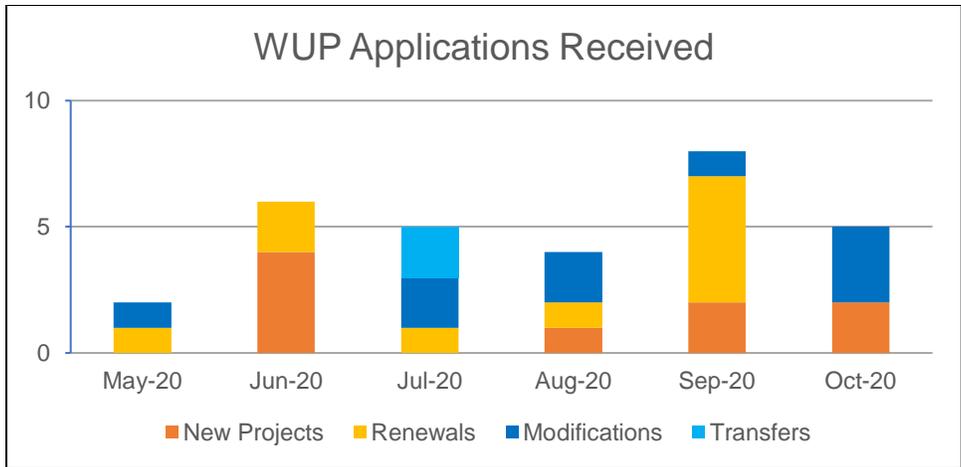
The preliminary budget assumes the current millage rate of 0.3696, which was adopted as the rolled-back rate for Fiscal Year 2020-2021.

CG/tm

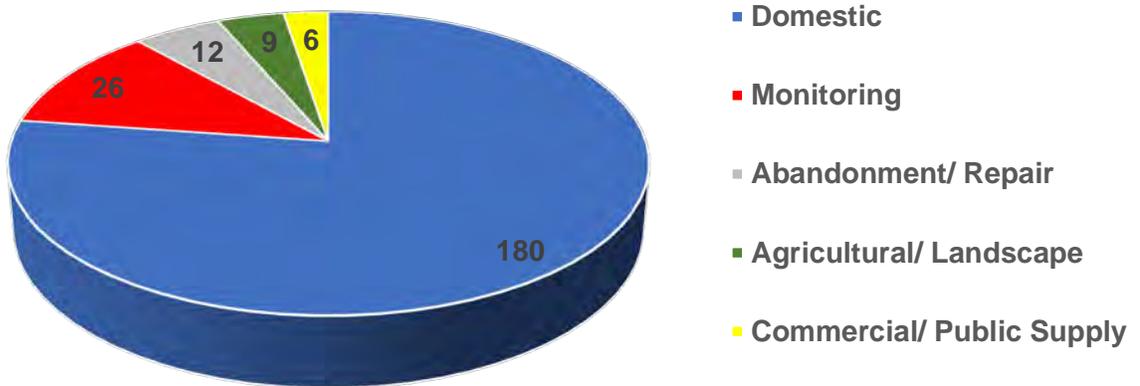
MEMORANDUM

TO: Governing Board
FROM: Warren Zwanka, Director, Division of Resource Management
THRU: Steve Minnis, Deputy Executive Director, Business and Community Services
DATE: November 25, 2020
RE: Permitting Summary Report





Water Well Permits Issued October 2020



40B-4.1020 Definitions

GB Authorized Rulemaking	8/27/2020
Notice of Rule Development	9/25/2020
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

40B-4.1040 Permits Required

GB Authorized Rulemaking	8/27/2020
Notice of Rule Development	9/25/2020
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

40B-4.1100 Duration of Permits

GB Authorized Rulemaking	8/27/2020
Notice of Rule Development	9/25/2020
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

40B-4.1110 Modification of Permits

GB Authorized Rulemaking	8/27/2020
Notice of Rule Development	9/25/2020
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

40B-4.3000 Adopted Works of the District

GB Authorized Rulemaking	8/27/2020
Notice of Rule Development	9/25/2020
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

GB Authorized Rulemaking	
Notice of Rule Development	
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

Compliance Agreements: None to report

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Warren Zwanka, Division Director, Resource Management

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: 2020 FEMA Risk MAP Program Five-Year Business Plan

RECOMMENDATION

Accept the District's 2020 Federal Emergency Management Agency Risk MAP Program Five-Year Business Plan and authorize staff to submit the plan to 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 20 years. Last years' update was approved by FEMA and proposed spending for Fiscal Year 2020 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 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

FY21-FY25

Last Revised Oct 27, 2020

Prepared for the Suwannee River Water Management District by

ATKINS

Member of the SNC-Lavalin Group

TABLE OF CONTENTS

EXECUTIVE SUMMARY..... ES-1

CHAPTER 1 INTRODUCTION..... 1-1

1.1 Background

CHAPTER 2 VISION FOR SUPPORTING RISK MAP..... 2-1

2.1 SRWMD Vision..... 2-1

2.1.1 SRWMD Vision Overview 2-1

2.1.2 Flood Protection Goals..... 2-2

2.1.3 District Water Management Regulations for Flood Protection.....2-3

2.1.4 District and Other Public Conservation Lands 2-3

2.1.5 Geographic Information System Development and Public Outreach, and Assistance ... 2-4

2.2 SRWMD Risk MAP Program Level of Participation..... 2-5

2.2.1 Engineering and Mapping 2-8

2.2.2 Risk Assessment and Risk Communication 2-8

2.2.3 Mitigation Planning and Actions..... 2-9

2.2.4 Community Outreach and Mitigation Strategy..... 2-10

2.2.5 Independent QA/QC 2-10

2.3 Program Management..... 2-11

2.3.1 IT Management System 2-12

2.3.2 Community Outreach..... 2-12

CHAPTER 3 RECOMMENDATION FOR MAPPING THROUGH FY25 3-1

CHAPTER 4 GEOSPATIAL DATA COORDINATION 4-1

4.1 SRWMD Geospatial Coordination..... 4-1

LIST OF TABLES

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

LIST OF FIGURES

Figure 2-1 SRWMD Public Conservation Lands..... 2-4
Figure 2-2 SRWMD Comprehensive Management Support of Risk MAP Needs 2-7
Figure 2-3 The IT Management System 2-12
Figure 3-1 SRWMD Business Plan 3-1

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. Unfortunately, many of these maps have become outdated, especially in high growth and development areas including Florida. FEMA has established a broad goal of modernizing 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.

As part of a Cooperating Technical Partner (CTP) Agreement with FEMA, the Suwannee River Water Management District (SRWMD) has accepted delegation and responsibility for the Risk MAP program for areas it governs within North Florida. There are fifteen counties, including Bradford, Columbia, Dixie, Gilchrist, Hamilton, Jefferson, Lafayette, Levy, Madison, Suwannee, Taylor, Alachua, Union, Baker and Putnam, that are partially or completely within the District's boundaries. Prior to accepting the delegation for the Risk MAP program, SRWMD 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 SRWMD, 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 FY21-FY25 Plan update provides SRWMD program highlights and funding requests for FY21 and beyond.

The SRWMD vision for the 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 SRWMD had updated Digital Flood Insurance Rate Maps (DFIRMs) that incorporated selected new detailed studies, approximate studies and/or updated base mapping converted to digital format. During Risk MAP the District has been coordinating 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 have received the initial pass to identify areas of greatest concern and have received funding to address them. These studies have been completed or are well underway.

Beginning in FY18 the District continued the Risk MAP goal of a cyclic approach, where watersheds are revisited after the initial round of map updates, in order to address new areas of concern, changes in the watershed, or review and update older models that were not addressed in the first round identification of areas of greatest concern. With the digital FIRMs and the District's ongoing emphasis on protection and acquisition of flood prone areas, the flood protection goals and the non-structural floodplain management strategy of the SRWMD are being achieved.

The SRWMD vision for the Risk MAP initiative has been to address data gaps in flood hazard data, improve flood risk delineation where new LiDAR is available, 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; SRWMD will both serve its mission and help FEMA meet its Risk MAP objectives. SRWMD 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 SRWMD's mission.

Under the previous Map Modernization initiative, the SRWMD produced and managed FEMA Mapping Activities Statements (MAS) with FY04 MAS projects (Dixie, Gilchrist and Lafayette Counties), FY05 MAS projects (Suwannee and Columbia Counties), FY06 MAS projects (Taylor and Union Counties), and FY07 MAS projects (Hamilton, Levy and Madison Counties) and the FY08 MAS project (Bradford County).

Under the first five-year Risk MAP initiative the SRWMD completed the following CTP projects: FY09 MAS projects (Dixie, Gilchrist and Lafayette Counties) in transition to Risk MAP, and the FY10 MAS Risk MAP project (Lower Suwannee Watershed). The FY11 MAS Risk MAP projects (Santa Fe Watershed, Upper Suwannee Watershed); and the FY12 MAS consisting of Discovery for the Waccasassa Watershed and riverine studies in the Econfina-Steinhatchee Watershed. Also funded under FY12 was integrating the Econfina-Steinhatchee riverine studies with Big Bend coastal modeling for a combined map release. The Big Bend coastal modeling was conducted by FEMA's Professional Services contractors, delivered to the District and incorporated into the Econfina-Steinhatchee effective map release.

The FY13 MAS includes selected Risk MAP studies in the Withlacoochee Watershed, as well as completion of Discovery in the adjacent Alapaha watershed. The Withlacoochee is a split study, with funding for panel revisions and post-preliminary processing approved under the FY14 and FY15 MAS. The Withlacoochee study has been completed with effective map release in FY20.

The FY16 MAS covers the Aucilla and Alapaha studies, while the FY17-19 MASs cover a second round of studies in the Upper and Lower Suwannee to develop a continuous new flood model for the Suwannee River in Florida; and in the Santa Fe watershed to update existing unverified models and provide updated flood risk maps in growth areas. The FY19 MAS provides funding for an updated study in the Econfina-Steinhatchee Watershed, as well as underwriting additional effort identified to complete the combined Upper and Lower Suwannee studies. The status of these 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 SRWMD 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 the product, 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 Background

This Cooperating Technical Partner (CTP) Five-year Business Plan describes SRWMD CTP planning through the end of FY25 (September 30, 2025).

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 modernizing 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. Furthermore, FEMA is

As part of a Cooperating Technical Partner (CTP) Agreement with FEMA the Suwannee River Water Management District (SRWMD) has accepted delegation and responsibility for the Risk MAP program for areas it governs within North Florida. There are fifteen counties, including Bradford, Columbia, Dixie, Gilchrist, Hamilton, Jefferson, Lafayette, Levy, Madison, Suwannee, Taylor, Alachua, Union, Baker and Putnam, that are partially or completely within the District's boundaries. Prior to accepting the delegation for the Risk MAP program, SRWMD had accepted delegation and responsibility for the Map Modernization program for all of the area it governs. At this time, the small portion of Putnam County within the SRWMD has not been included in the updates.

The SRWMD transitioned from Map Modernization to the Risk Map initiative beginning with FY10 Mapping Activities. The SRWMD vision for the Risk MAP initiative is to address data gaps in flood hazard data, improve flood risk delineation as new LiDAR becomes 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 completed Discovery and all resulting studies (at least through preliminary mapping) in all 9 (nine) of the FEMA HUC-8 Watersheds within the District by the end of calendar year 2020; the District is continuing the Risk MAP cycle by returning to watersheds that have already completed their first round of Risk MAP updates to identify any new community needs or data needs that have been revealed during subsequent mitigation actions, new growth, and/or flooding experience. The District has sought and approved funding for Discovery and expanded studies in the Upper and Lower Suwannee Watersheds and the Santa Fe Watershed. Discovery is funded for the next round of studies in the Econfina-Steinhatchee and Withlacoochee watersheds. These studies are getting underway, as well as Discovery for the next rounds of studies in the cycle for Econfina-Steinhatchee and Withlacoochee watersheds. The Multi-year Project Plan for FY21 through FY25 is based on

continuing this cycle into the remaining watersheds of the District. 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 second cycle, and a third cycle is anticipated starting in FY24, addressing flood map updates based on mitigation actions recommended under cycle one, and implemented through FY23.

A brief history of the SRWMD 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 County – total amount \$560,000; Columbia Counties - total amount \$500,000- leverage amount \$212,000), FY06 MAS projects (Taylor and Union Counties – total amount \$1,000,000- leverage amount \$200,000), and FY07 MAS projects (Hamilton, Levy and Madison Counties – total amount \$1,025,000). The SRWMD 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. 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.

The District managed integration of 3 other FY09 Map Modernization projects in 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.

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 will all be effective as of November 2018.

The FY12 MAS, consisting of Discovery for the Waccasassa Watershed (\$68,000) and riverine studies in the Econfina-Steinhatchee Watershed (03110102) (\$917,780; 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 SRWMD contributions of 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. 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.

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 SRWMD 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.

The FY14 MAS also funded the Waccasassa watershed studies (\$350,000 -- leverage LiDAR, Aerials, existing models \$152,000). Waccasassa studies are in progress and will go preliminary in FY20. Additional funding of \$45,000 to cover 19 additional panels impacted by the Waccasassa river modeling was approved under the FY18 grant.

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

The FY16 MAS represents a milestone in the Risk MAP program. With the FY16 grant SRWMD completes its goal for reviewing and updating flood risk studies in all the watersheds of the District. The final two watersheds to be studied under the FY16 grant are the Alapaha and Aucilla watersheds these studies have been initiated and are expected to be ready for Preliminary Mapping early in 2021. 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 designed to improve community understanding of flood risk.

FY17 through FY20 grants have provided the District with the opportunity to complete its goal of fully updating the modeling in the completed 1st round watersheds: Upper and

Lower Suwannee, Santa Fe, Econfina Steinhatchee, and Withlacoochee watersheds – addressing all models that were identified by FEMA as unverified as well as any new community needs. The amounts funded under these new grants are: FY17-\$1,018,000; FY18-\$1,718,594; FY19-\$1,873,150; FY20-\$2,136,750. Additional funding is included in the FY20 grant for expanded public relations and outreach in collaboration with the District communications office.

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

FEMA requested that all partners participating, including the SRWMD, update the Multi-year Project 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 Plan update provides SRWMD program highlights and funding requests through FY25. The broad objectives of the Risk MAP program are stated by FEMA 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.

Chapter 2 VISION FOR SUPPORTING Risk MAP

2.1 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	266,944	2768
Baker	28,283	179
Bradford	27,038	487
Columbia	69,612	766
Dixie	16,673	429
Gilchrist	17,743	202
Hamilton	14,184	48
Jefferson	14,144	79
Lafayette	8,451	126
Levy	40,355	932
Madison	18,449	89
Suwannee	44,190	506
Taylor	21,833	574
Union	15,517	54

*Population estimates, July 1, 2017 – Census.gov Quick facts

** Policy Information By State <https://nfipservices.floodsmart.gov/reports-flood-insurance-data> 9/30/2020

2.1.1 Vision Overview

SRWMD 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 and 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. We currently provide individual flood risk reports to constituents at the parcel level through 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 and Risk MAP data infrastructure; stronger links from Risk MAP to flood mitigation actions; better 3-dimensional depictions of flooding; GIS integration of 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 SRWMD 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 1979¹. 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;
- Providing technical and funding assistance to local governments in addressing flooding and stormwater management problems.

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

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

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.

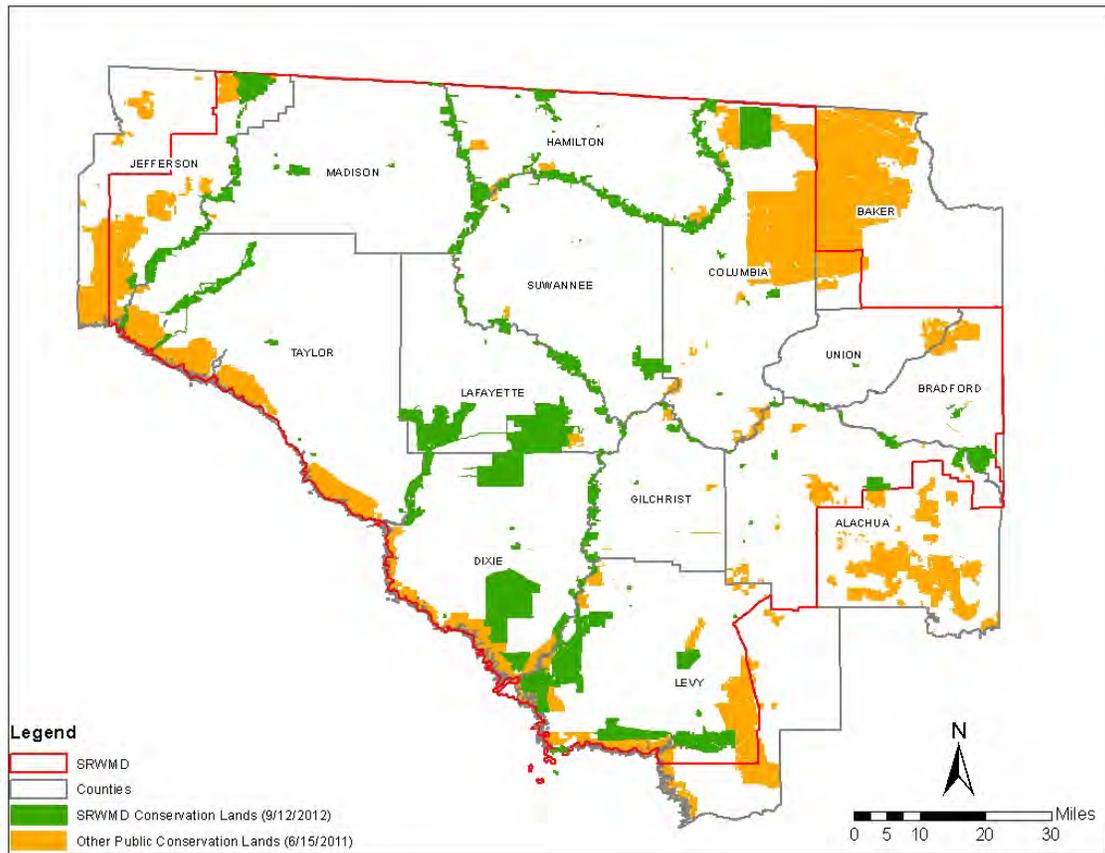


Figure 2-1 SRWMD Public Conservation Lands

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 Reports that provides the user with flood zone data. 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. 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 is currently underway with input from the SRWMD 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.

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 Suwannee River Water Management District (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 SRWMD 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 SRWMD 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 Understanding (MOU) with each County and participating community.

Through its three branches, technical management, IT systems, and customer service (see Figure 2-3); the SRWMD will satisfy its five goals outlined above. Furthermore, the SRWMD 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.

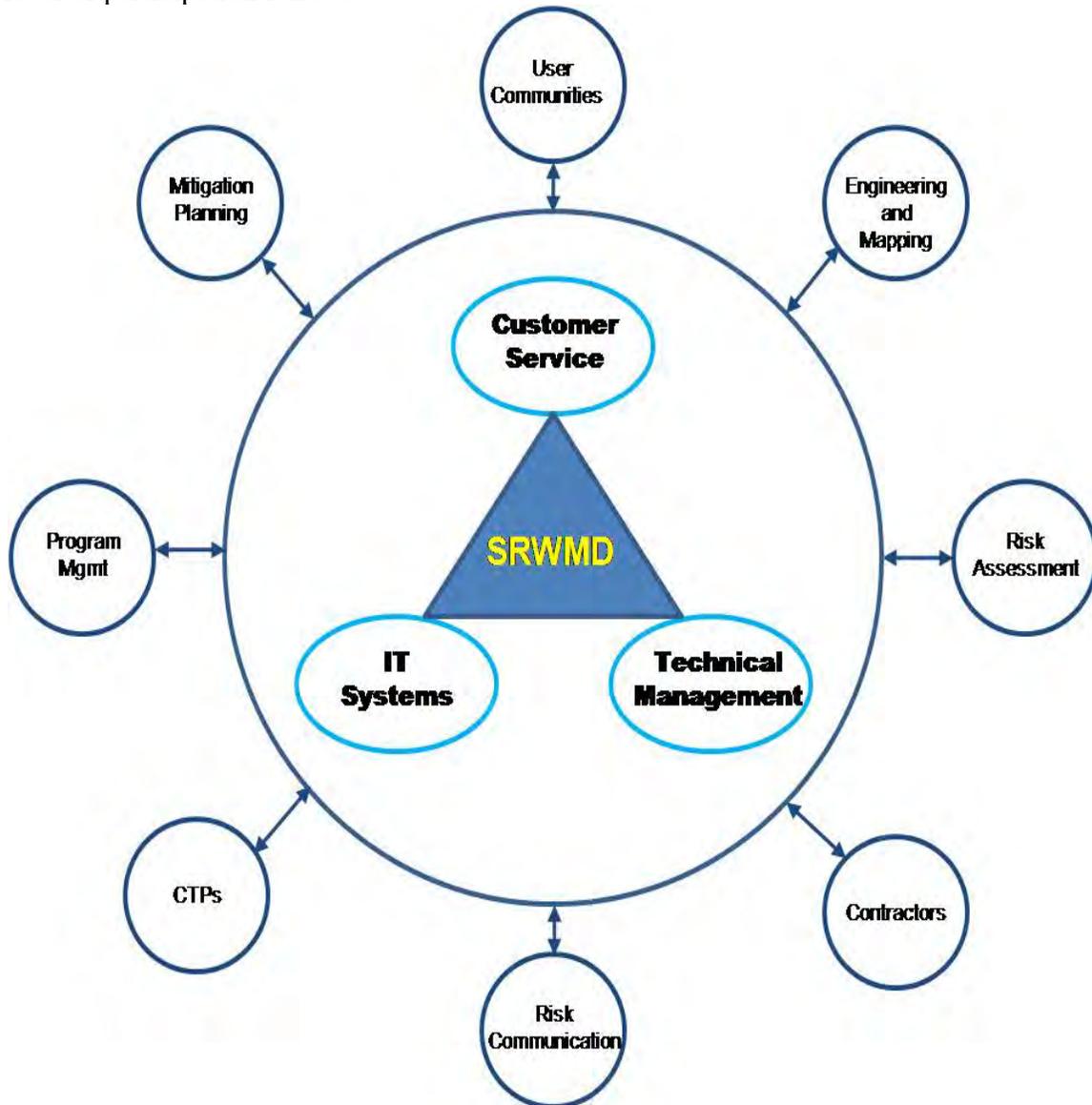


Figure 2-2 SRWMD Comprehensive Management Support of Risk MAP Needs

2.2.1 Engineering and Mapping

The SRWMD 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 contractor's 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 (updated USGS DOQQ);
- Engineering activities: hydraulic, hydrologic, riverine analyses;
- Floodplain delineation activities: detailed, approximate, and re-delineation;
- 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; and
- 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;
- 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 contractors. 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 contractor activity in the SRWMD.

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 has completed LiDAR mapping of all areas and will engage in reviewing the oldest LiDAR mapping for potential update needs.

2.2.2 Risk Assessment and Risk Communication

The SRWMD 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 SRWMD will assist 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. 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 SRWMD 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 SRWMD will provide: 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 a new online video webinar series to provide user guidance on available products approved under current funding.

Since a core mission area of the Suwannee River Water Management District (District) is 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 Suwannee River Water Management 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 and will begin early in 2021.

2.2.5 Independent QA/QC

The SRWMD 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 contractors. 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 SRWMD will provide a program management structure that will motivate partners to share responsibilities and align the District's, FEMA's and the local community 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 SRWMD. All process and deliverables shall be completed in accordance to 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 use and quarterly status reports that are to be supplied to FEMA Region 4;
- 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;
- Develop an effective post storm and/or post disaster flood hazard documentation and assessment procedure that will be utilized to continually assess the accuracy of the Special Flood Hazard Areas (SFHA) on the DFIRMs. This information will be utilized for restudy determination purposes;
- General support activities including those defined in 44CFR, Part 66;
- Risk MAP reviews;
- FEMA mapping coordination (coordination, flood recovery mapping);
- 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.

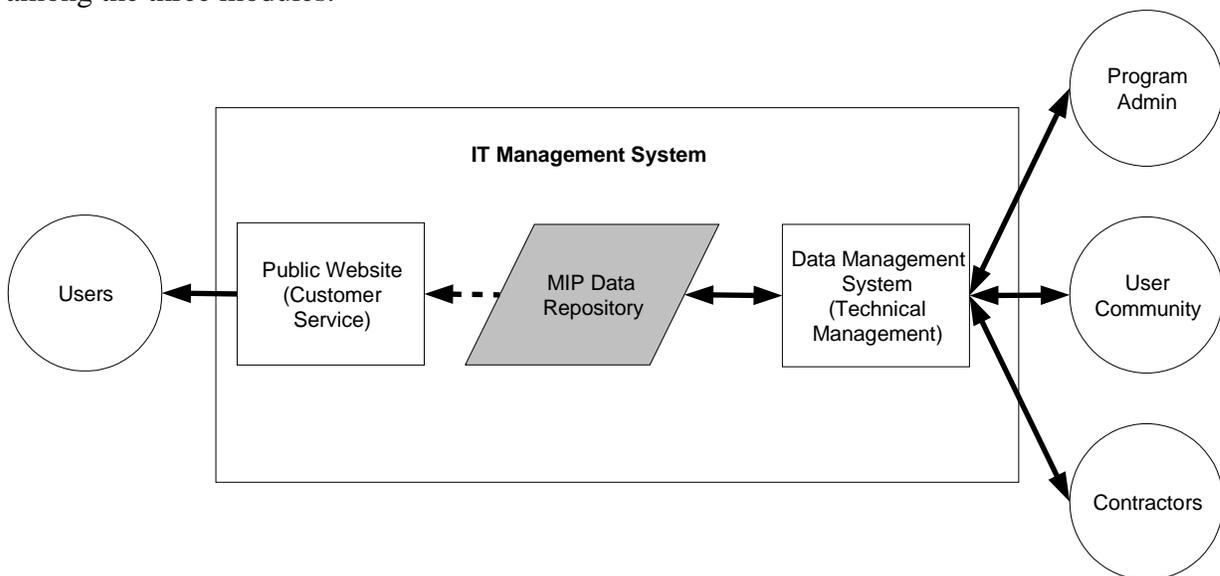


Figure 2-3 The IT Management System

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 contractor 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 Community Outreach

An essential component of the SRWMD Risk MAP program is community outreach and customer service to ensure stakeholder support and the proper management of expectations of the overall program. The SRWMD 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.

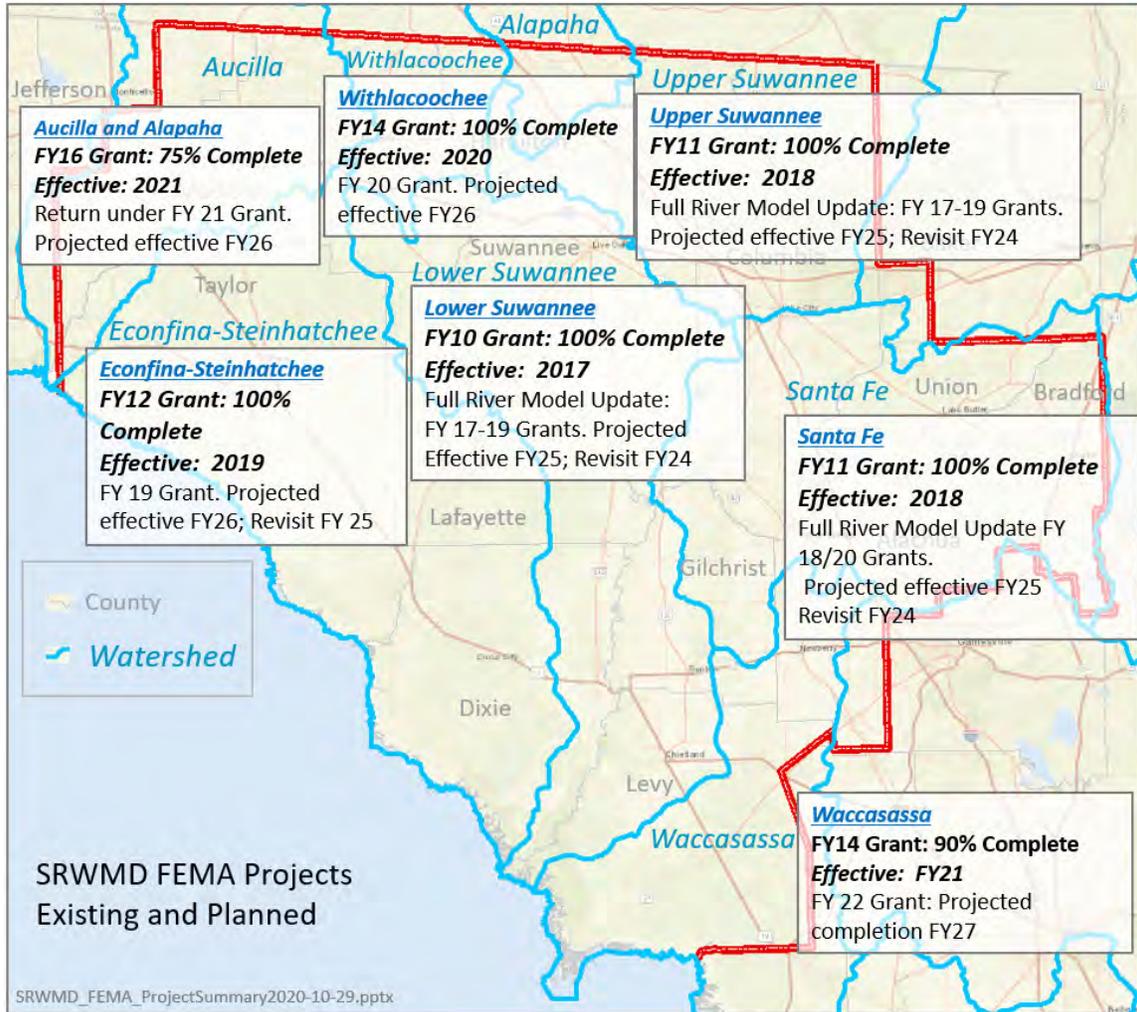
In addition to the above activities that promote the ownership of FEMA's flood hazard maps by user communities, there will be additional activities by the SRWMD to raise public awareness and participation in the study process. These activities could include such activities as fact sheets, flyers, information packages, advertisements, and outreach meetings with local government officials. By providing more outreach opportunities directed toward local governments, the SRWMD could leverage existing data and analyses from local levels. Furthermore, due to increased involvement of citizens and local officials, there will be a reduction in the number of appeals and protests to DFIRM products.

The SRWMD also proposes outreach and coordination with the Northwest Florida Water Management District (NFWFMD) for Risk MAP activities that affect Jefferson County and the Southwest Florida Water Management District (SWFWMD) for activities that affects Levy County that lie only partially within the jurisdiction of the SRWMD.

Chapter 3 RECOMMENDATIONS FOR MAPPING THROUGH FY25

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

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



Aucilla, Alapaha, and Waccasassa have current studies nearing completion and will be revisited in FY20-FY22 under FY19 - FY20 grant requests to identify any additional needs, incorporating the finding of current studies. Risk MAP cycle one initiated projects funded during FY10-FY14. The first round focused on needs identified by the communities. Upper Suwannee, Lower Suwannee, Santa Fe, Econfina-Steinhatchee, and Withlacoochee studies have completed effective map releases; Upper and Lower Suwannee, and Santa Fe are entering Risk MAP cycle two, which combines community needs with validating all modeled NVUE mileage to ensure up-to-date valid models for all major streams. In 2023-2025 funding for a 3rd cycle is anticipated for the Upper and Lower Suwannee, Santa Fe and Econfina-

Steinhatchee to account for changes in flooding due to mitigation actions recommended under cycle one, as well as changes due to growth.

FY20 Funding (approved) –Withlacochee HUC8 Watershed (03110203) and Expanded Funding for

Studies and mapping in Waccasassa HUC8 basin (03110101) and Withlacochee HUC8 basin (03110203); Discovery in Aucilla and Alapaha watersheds; addressing the need for Risk MAP Products in unrevised areas.

1. In Withlacochee and Santa Fe watersheds 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. Note for the Withlacochee this is 75 miles in Florida only and regarding the northern Withlacochee watershed (03110203) that lies partly in Georgia and partly in SRWMD. Another Withlacochee watershed lies in Southwest Florida Water Management District and is sometimes mistakenly merged into one watershed in CNMS roll-ups (Withlacochee \$463,710; Santa Fe \$1,109,040).
2. Expiring CNMS/NVUE miles across the District – 4 miles detailed (\$1000)
3. Discovery in the Aucilla and Alapaha watersheds (\$88,000)

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

For FY2020 the District will also request funds for a special 5-year program under COMS. A core mission area of the Suwannee River Water Management District (District) is flood information, protection and mitigation. The District takes a non-structural approach to flood protection which includes planning, projects, permitting and outreach. Flooding and high-water events pose significant threats to communities throughout the Suwannee River Water Management District; and, these threats are magnified as land use changes and development continues within the floodplain. The District is seeking a dedicated public relations company to develop an 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. (Additional COMS funding: \$200,000).

Total Funding: \$2,136,750

FY21 Funding – Studies in Aucilla (03110103) and Alapaha (03110102) 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.

Also fund Upper and Lower Suwannee for new Discovery; pending completion of the preliminary maps, public comment, and Resilience meeting held for studies funded under FY17-FY19 grants. Discovery will be based on findings of the previous studies; any mitigation actions completed during the previous study; new community growth; and newly identified community needs highlighted by any major flooding events since 2019. In addition, the Lower Suwannee 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 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 Lower Suwannee watershed so initiating Discovery prior to the effective date of the study underway provides lead time.

1. Upper and Lower Suwannee Watersheds: a new round of Discovery to continue the Risk MAP cycle (Upper Suwannee \$68,000; Lower Suwannee \$68,000)
2. 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)
3. 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 SRWMD website; as well as PiMS training costs for District staff (Program Management \$75,000; COMS \$200,000).

Total Funding: \$2,040,527

FY22 Funding – Studies in the Waccasassa(03110101) HUC8 Watershed

Anticipating the completion of the FY17-19-funded studies in the Upper and Lower Suwannee watersheds in late 2023, the Risk MAP cycle in these watersheds should circle back and be ready to study areas identified by communities as needing further study. FY22 funding would be approved and awarded by the end of FY22, allowing for governing board approval of contracts to initiate new studies in the FY 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 should be undertaken there as the previous study completes review and acceptance of preliminary maps.

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 \$1,098,380). In addition, the M-CORES development corridor may impact the Waccasassa watershed and influence additional community needs.
2. Discovery in the Santa Fe watershed to identify and scope studies to address any new needs. (\$72,000)
3. Expiring CNMS/NVUE miles – 17-point updates to CNMS database for expiring miles anywhere in SRWMD. Estimate (\$25,000)

Enhanced Program Management 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 (\$278,000).

Total Funding: \$1,473,380

FY23 Funding – Studies in Upper (03110201) and Lower Suwannee (03110205) HUC8 Watershed

Anticipating the completion of the FY17-19-funded studies in the Upper and Lower Suwannee watersheds in late 2023, the Risk MAP cycle in these watersheds should circle back and be ready to study areas identified by communities as needing further study. FY22 funding would be approved and awarded by the end of FY22, allowing for governing board approval of contracts to initiate new studies in the FY 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 should be undertaken there as the previous study completes review and acceptance of preliminary maps.

1. Upper and Lower Suwannee Watersheds: 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: \$750,000; Lower Suwannee: \$950,000).
2. Discovery in the Econfina-Steinhatchee watershed to identify and scope studies to address any new needs. (\$72,000)
3. Expiring CNMS/NVUE miles – 17-point updates to CNMS database for expiring miles anywhere in SRWMD. Estimate (\$25,000)

Enhanced Program Management 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 (\$278,000).

Total Funding: \$2,075,000

FY24 Funding – Santa Fe Watershed Studies (03110206)

Completion of current FY18-funded studies in the Santa Fe Watershed should result in approved preliminary maps by December 2023. Funding approval to continue the Risk MAP cycle in Santa Fe Watershed should be sought during FY23, anticipating approval of grant by September 2023, and commencement of a new cycle late in 2024.

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 Santa Fe Watershed. \$1,010,000)

2. Fund Discovery in the Waccasassa and Withlacoochee watersheds to identify and scope studies to address any new needs. (\$136,000)
3. Expiring CNMS/NVUE miles across the SRWMD estimate (\$25,000)

Enhanced Program Management and COMS MAS to continue outreach activities and incorporating training, tracking and web-based map and model management capabilities into the SRWMD website, as well as partially fund District staffing needs for Risk MAP programs (COMS: \$200,000; Program Management: \$78,000).

Total Funding: \$1,449,000

FY25 Funding – Econfina-Steinhatchee Watershed Studies (03110102)

Completion of FY19-funded studies in the Econfina-Steinhatchee Watershed should result in new effective maps by December 2024. Funding approval to continue the Risk MAP cycle in the Watershed should be sought during FY24, anticipating approval of grant by September 2024, and commencement of a new cycle in 2025.

The Econfina-Steinhatchee watershed lies within the study area for the Florida Multi-use Corridors of Regional Economic Significance (M-CORES) Suncoast Connector project and may be potentially impacted by the corridor. That project is listed at floridamcores.com for construction being completed by the end of 2030. Any potential impacts of the proposed corridor will need to be considered when identifying study needs in the watershed.

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. \$965,000)
2. Expiring CNMS/NVUE miles across the SRWMD estimate (\$25,000)

Enhanced Program Management and COMS MAS to continue outreach activities and incorporating training, tracking and web-based map and model management capabilities into the SRWMD website, as well as partially fund District staffing needs for Risk MAP programs (Program Management \$78,000; COMS \$200,000).

Total Funding: \$1,268,200

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 SRWMD is currently implementing portions of the items contained in the Geospatial Data Coordination Policy. The SRWMD is acquiring existing data for use in the development of the DFIRM and ensuring that the data is FGDC compliant. The District is currently utilizing existing USGS digital orthoquads and topographic data. To date, other digital photo data or topographic data has not been utilized.

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 SRWMD 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: Warren Zwanka, Division Director, Resource Management

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 6, 2020

RE: Rulemaking to Amend Rule 40B-400.091, Florida Administrative Code

RECOMMENDATION

Authorize staff to publish a Notice of Rule Development to amend 40B-400.091, Florida Administrative Code, to incorporate revisions to Environmental Resource Permit Applicant's Handbook Volume II implementing statewide stormwater rulemaking set forth in Section 5 of Chapter 150, Laws of Florida.

BACKGROUND

Subsection 373.4131(6), Florida Statutes, requires the Florida Department of Environmental Protection (FDEP) and all water management districts to initiate rulemaking by January 1, 2021, to update stormwater design and operation regulations. Specifically, to develop stormwater design and operation regulations that consider and address low-impact design best management practices and design criteria to improve stormwater discharge nutrient removal; and measures for consistent application of the net improvement performance standard to ensure significant pollutant load reductions to a waterbody.

Statewide rulemaking will include amendments to FDEP's Chapter 62-330, Florida Administrative Code (F.A.C.), FDEP Environmental Resource Permit (ERP) Applicant's Handbook Volume I and coordinated adoption of these rule by each water management district. The District's stormwater rules are contained in the ERP Applicant's Handbook Volume II, incorporated by reference in rule 40B-400.091, F.A.C. This request is to initiate the rule development process, and subsequent requests from staff for Governing Board authorization to proceed with specific rule language are anticipated later in 2021.

WZ/tm
Attachments

NOTICE OF DEVELOPMENT OF RULEMAKING

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
Division of Resource Management

RULE NOS.: RULE TITLES:
40B-400.091 Publications and Agreements Incorporated by Reference.

PURPOSE AND EFFECT: The Suwannee River Water Management District is initiating rulemaking in accordance with Section 5 of Chapter 2020-150, Laws of Florida, to update the stormwater design and operation regulations adopted under Section 373.4131, Florida Statutes, including updates to the Environmental Resource Permit Applicant’s Handbook Volume I, using the most recent scientific information available. Furthermore, any updates to the Suwannee River Water Management District Applicant’s Handbook Volume II will also be incorporated by reference.

SUBJECT AREA TO BE ADDRESSED: The Suwannee River Water Management District will be developing amendments to update the stormwater design and operation regulations; and will consider and address low-impact design best management practices and design criteria that increase the removal of nutrients from stormwater discharges, and measures for consistent application of the net improvement performance standard to ensure significant reductions of any pollutant loadings to a waterbody. The rulemaking pursuant to this notice is expected to include amendments to update Chapter 62-330, Florida Administrative Code, the Applicant’s Handbook Volume I that applies statewide, and the Applicant’s Handbook Volume II that applies within the Suwannee River Water Management District.

RULEMAKING AUTHORITY (formerly “Specific Authority”): 373.026(7), 373.043, 373.118, 373.418, 373.4131, 373.4145, 403.805(1),403.814, F.S.

LAW IMPLEMENTED: 373.409, 373.413, 373.4131, 373.414(9), 373.4141, 373.4142, 373.4145, 373.416, 373.423, 373.426, 373.428, 373.429, 373.441, F.S.

ONE OR MORE RULE DEVELOPMENT WORKSHOPS WILL BE NOTICED IN THE FLORIDA ADMINISTRATIVE REGISTER AT LEAST 14 DAYS IN ADVANCE ONCE THE DATE FOR THE RULE DEVELOPMENT WORKSHOP HAS BEEN DETERMINED.

THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE DEVELOPMENT IS:
Leroy Marshall or Sara Zybelle, Division of Resource Management, 9225 CR 49, Live Oak, FL, 32060 or by phone at 386.362.1001

THE PRELIMINARY TEXT OF THE PROPOSED RULE DEVELOPMENT IS NOT YET AVAILABLE.

Notice of Development of Rulemaking

WATER MANAGEMENT DISTRICTS
Suwannee River Water Management District

RULE NO.: RULE TITLE:
40B-400.091 Publications and Agreements Incorporated by Reference

PURPOSE AND EFFECT: The District is initiating rulemaking in accordance with Section 5 of Chapter 2020-150, Laws of Florida, to update the stormwater design and operation regulations adopted under Section 373.4131, F.S., including updates to the Environmental Resource Permit Applicant’s Handbook Volume II, using the most recent scientific information available.

SUBJECT AREA TO BE ADDRESSED: Stormwater design and operation regulations. Amendments will consider and address low-impact design best management practices and design criteria that increase the removal of nutrients from stormwater discharges, and measures for consistent application of the net improvement performance standard to ensure significant reductions of any pollutant loadings to a waterbody. The rulemaking pursuant to this notice is expected to include amendments to Environmental Resource Permit Applicant’s Handbook Volume II, and incorporation by reference of the amended Handbook into rule 40B-400.091, F.A.C.

RULEMAKING AUTHORITY: 373.026(7), 373.043, 373.118, 373.418, 373.4131, 373.4145, 403.805(1),403.814, F.S.

LAW IMPLEMENTED: 373.409, 373.413, 373.4131, 373.414(9), 373.4141, 373.4142, 373.4145, 373.416, 373.423, 373.426, 373.428, 373.429, 373.441, F.S.

IF REQUESTED IN WRITING AND NOT DEEMED UNNECESSARY BY THE AGENCY HEAD, A RULE DEVELOPMENT WORKSHOP WILL BE NOTICED IN THE NEXT AVAILABLE FLORIDA ADMINISTRATIVE REGISTER.

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 5 days before the workshop/meeting by contacting: SRWMD at (386)362-1001 or (800)226-1066 (FL only) If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE DEVELOPMENT AND A COPY OF THE PRELIMINARY DRAFT, IF AVAILABLE, IS: Leroy Marshall, Suwannee River Water Management District, 9225 CR 49, Live Oak, Florida 32060, (386)362-1001 or 1(800)226-1066 (FL only)

THE PRELIMINARY TEXT OF THE PROPOSED RULE DEVELOPMENT IS NOT YET AVAILABLE.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Leroy Marshall, Chief, Office of Engineering/ERP

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Emergency Variance Request for General Works of the District Permit Application WOD-029-237339-1, Cothron Residence, Dixie County

RECOMMENDATION

Deny, without prejudice, an emergency variance from section 40B-4.3030(13), Florida Administrative Code, for General Works of the District Permit Application WOD-029-237339-1 to Forrest Cothron; and formalize the Board's decision through the issuance of a Final Order executed by the Executive Director.

BACKGROUND

The petitioner, Mr. Forest Cothron, requested a variance from Section 40B-4.3030(13), Florida Administrative Code, on June 30, 2020, to retain a concrete seawall cap within the 75-foot setback from the top of bank. At its October meeting, the Governing Board authorized the petitioner to keep the primary residence within the 75-foot setback for a period of 10 years and requested site visits of the property. At its November meeting, the petitioner was asked to provide District staff with engineering plans for a seawall to stabilize the petitioner's remaining riverbank and a mitigation plan to offset the impacts from the concrete that are acceptable to District regulatory staff. As of the date of this memo, District staff and the petitioner have not been able to agree on an acceptable mitigation plan. Therefore, the District staff recommendation as of date is to deny, without prejudice, an emergency variance from section 40B-4.3030(13), Florida Administrative Code, for General Works of the District Permit Application WOD-029-237339-1. However, District staff continues to negotiate with the petitioner to achieve a mitigation plan that is acceptable to staff. Should the District staff and the petitioner agree upon an acceptable mitigation plan an update memorandum, variance request and site plan will be provided to the Governing Board.

Denial of the emergency variance request will require, as part of the after-the-fact permit, all concrete to be removed from within the 75-ft. setback, with the exception of a 5 ft. wide path to access stairs and a 5 ft. wide cap/access along the seawall.

LM/tm

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Patrick Webster, Chief, Office of Agriculture and Environmental Projects

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Agreements with the Florida Department of Environmental Protection to Receive Alternative Water Supply Grant Funds and to Enter into Cooperative Agreements

RECOMMENDATION

Authorize the Executive Director to enter into agreements with the Florida Department of Environmental Protection to receive Alternative Water Supply Grant Funds and to enter into agreements with the appropriate entities to implement the projects.

BACKGROUND

On June 29, 2020, Governor DeSantis signed the “Bolder, Brighter, and Better Future” state budget, which includes an investment of \$40 million for alternative water supply projects. District staff collaborated with local governments and interested stakeholders and invited them to submit alternative water supply (AWS) project concepts. Staff prepared and submitted the proposed projects to Florida Department of Environmental Protection (FDEP) for consideration on August 30, 2020.

The FDEP has informed the District that it will receive \$5.93 million in alternative water supply grant funding for seven projects. Once the District has executed agreements with FDEP, the District will enter into agreements with the selected cooperators.

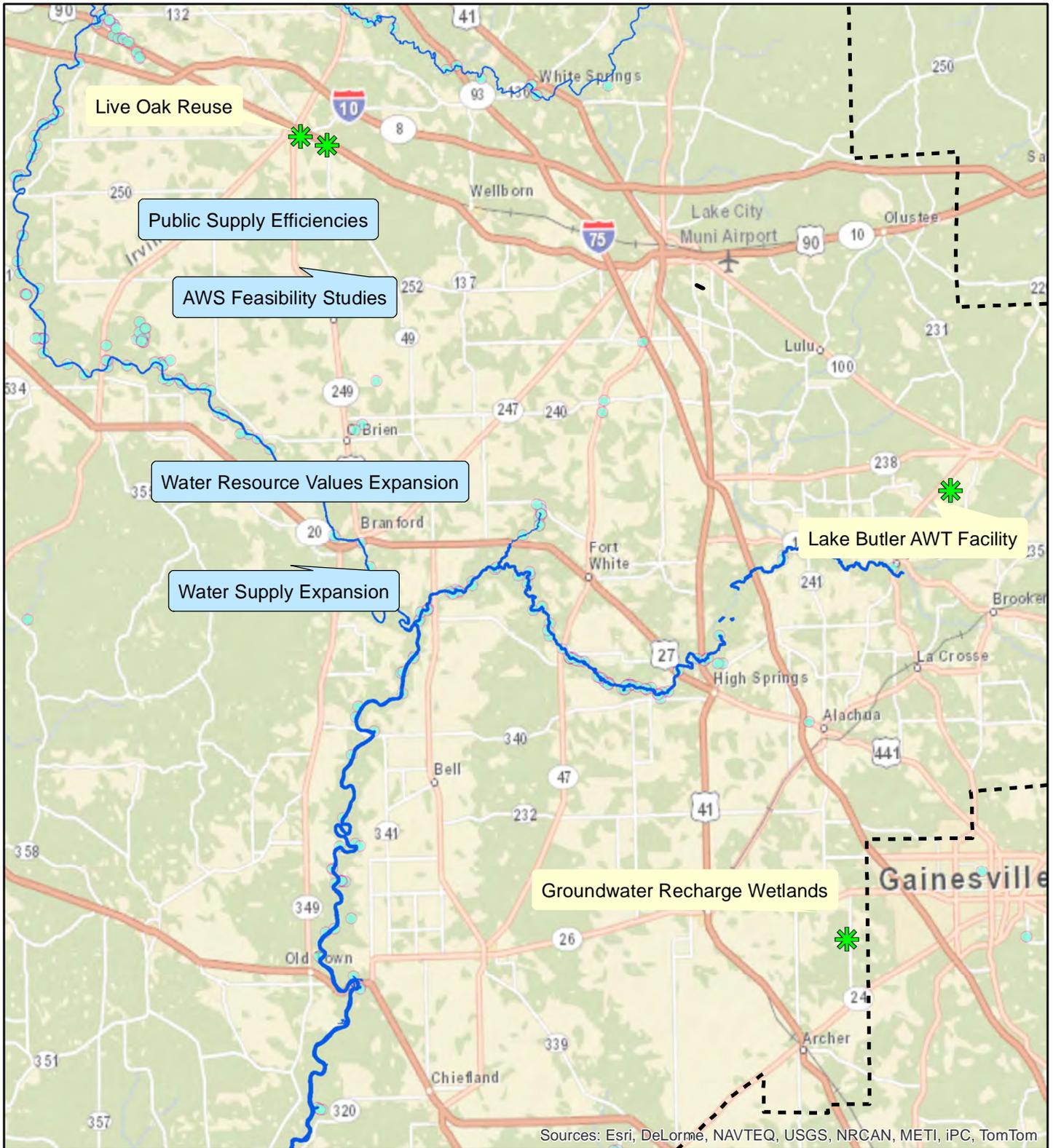
Attached is a list and map of the projects approved for state AWS grant funding that are the subject of this recommendation. Funding for these projects is included in the Fiscal Year 2020-2021 Adopted Budget.

PW/tm
Attachment

FY 2020 / 2021 Alternative Water Supply (AWS) Program Funding

No.	Project Name	Cooperator	Resource Benefitted	Funding Award	Applicant's Share	Total Estimate Cost
1	Wastewater Treatment Facility AWT Upgrade	Lake Butler, City of	UFA	\$400,000	\$0	\$400,000
2	Live Oak Reuse	Live Oak, City of	UFA	\$3,240,000	\$0	\$3,240,000
3	Groundwater Recharge Wetland Task 3	GRU	UFA	\$500,000	\$500,000	\$1,000,000
4	Alternative Water Supply Feasibility Studies	Local Governments, CII, and Agricultural self suppliers	UFA	\$700,000	TBD	\$700,000
5	Public Supply Efficiency Improvements	Municipal Public Water Supply Entities	UFA	\$500,000	TBD	\$500,000
6	Water Resource Values Expansion	Office of Water Resources	Springs and rivers	\$400,000	\$0	\$400,000
7	Water Supply Expansion	Office of Water Resources	Aquifer, springs and rivers	\$185,000	\$0	\$185,000

TOTAL COSTS	\$5,925,000	\$500,000	\$6,425,000
--------------------	--------------------	------------------	--------------------

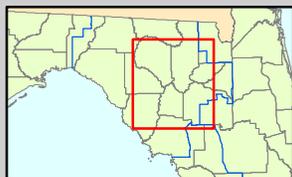


Sources: Esri, DeLorme, NAVTEQ, USGS, NRCAN, METI, iPC, TomTom

Alternative Water Supply Funding FY 2020-21

- Districtwide Project
- ✱ AWS Projects 20/21
- District_24k_Poly
- Major Rivers Line (USGS)
- Major_Rivers_from_Lidar
- Major Rivers Polygon (USGS)
- Springs_DEP_24k_FL

World Street Map



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created on 10/16/2020

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Matthew Cantrell, Project Manager, Office of Agriculture and Environmental Projects

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Contract to Provide Cost-Share Funding to North Florida Holstein, L.C.

RECOMMENDATION

Authorize Executive Director to enter into contract with North Florida Holsteins, L.C. in the amount not to exceed \$1,754,297.30.

BACKGROUND

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

The District's Agricultural Cost-Share Program has been supported through funding from the District, FDEP, and FDACS. In Fiscal Year 2011-2012 (FY 2012), the Governing Board allocated \$7 million to the program. Since FY 2012, this SRP partnership has resulted in approximately 13.47 million gallons per day of water conserved and 775,680 pounds of nitrogen reduced.

At the October 2015 Governing Board meeting, the Board authorized the Executive Director to execute a Springs funding agreement with FDEP for installation of screen separators and retrofit irrigation systems to reduce nutrient impacts and/or conserve water for an amount totaling \$2,120,000.

At the September 2016 Governing Board meeting, the Board authorized the Executive Director to execute a Springs funding agreement with FDEP for improvements in dairy wastewater systems to reduce nutrient impacts and/or conserve water for an amount totaling \$1,500,000.

At the September 2016 Governing Board Meeting, the Board authorized the Executive Director to execute an agreement with FDEP to receive \$1,000,000 in Springs funding for advanced water quality improvement technologies. Technologies could include processes that use pump and treat, permeable reactive barriers, or wood chip bioreactors. The basic design of these technologies is to provide a carbon source (sawdust, wood chips, or other materials) under anaerobic conditions for microorganisms to convert nitrate nitrogen in water to nitrogen gas. This cost-share project is with North Florida Holstein, L.C. This project is located in Gilchrist County, the Eastern Water Supply Planning Area, the Suwannee Basin Management Action Plan, and the Fanning Manatee Priority Focus Area.

North Florida Holsteins (NFH) consists of two dairies on the east and west side of Highway 129. NFH proposes to construct two new wastewater storage ponds to increase their wastewater storage capacity. This will allow them to utilize wastewater more efficiently. Pipeline and connections will be added throughout the dairy to connect previously constructed wastewater systems and center pivot irrigation systems to the new construction. Screen separators will be added to remove solids from the wastewater to allow NFH to reuse it to flush barns or apply to fields.

NFH also plans on installing shallow interceptor wells within the flow path to intercept high nitrate groundwater. Groundwater will either be filtered through a bioreactor with a carbon source to be stripped of the nitrogen or used as irrigation water on a currently existing irrigation system. This project will also include the miscellaneous equipment needed to control and pump the wastewater throughout the dairy, upgraded cooling sprinklers, and services related to running pipelines under the various highways.

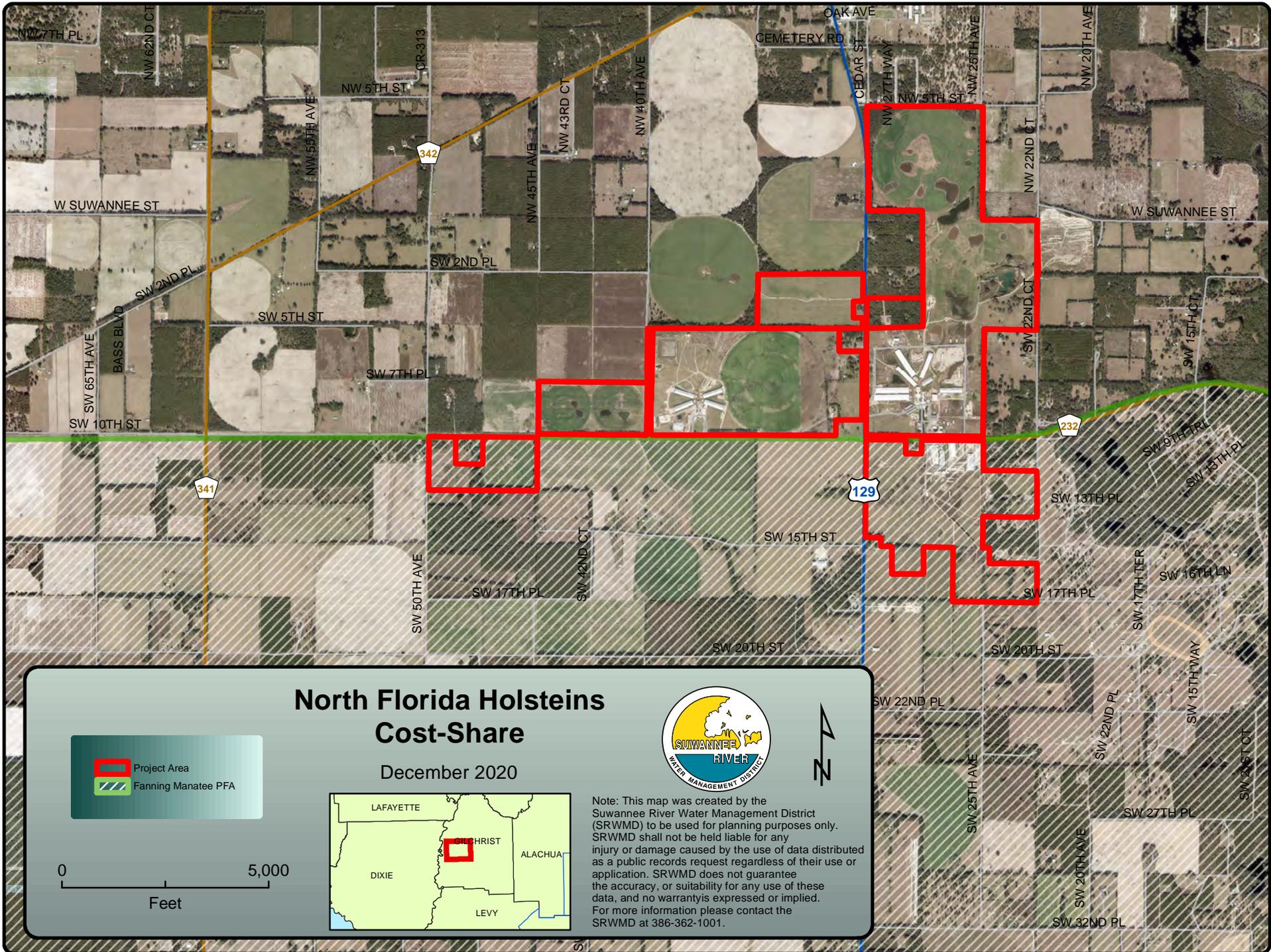
With the completion of this project, it is estimated the dairy will reduce their groundwater usage by approximately 0.0725 million gallons per day a cost of \$4.42 per thousand gallons and 24,029 pounds of nitrogen per year of at a cost of \$4.87 per pound over the life of the system. The total cost of this project is estimated \$2,415,118.29. The FDEP Springs Funding will contribute \$1,500,000, District cost-share will contribute \$254,297.30, and the producer will contribute approximately \$660,820.99. See attachment for a project cost breakdown.

Funding for this project is included in the FY 2021 Final Budget under account code 06-2586-7-2400-06-06, 06-2586-7-2400-06-02, 06-2586-7-2400-06-05, and 51-2586-7-2400-06-07.

MC/tm
Attachments

Exhibit A – Itemized List

Producer	Item	Qty	Unit Cost	Total Cost
North Florida Holsteins, L.C.	150,000 Sq. Ft. HDPE Liner for Pond	2	\$198,000.00	\$396,000.00
	73,000 Cu. Yd. Site Cut	2	\$146,000.00	\$292,000.00
	1,500 Cu. Yd. Site Fill	2	\$3,750.00	\$5,625.00
	Farms Connector	7,800 ft	\$12.00	\$93,600.00
	Jack and Boring	5	\$30,000.00	\$150,000.00
	Heifer Pasture Connector	2,530 ft	\$12.00	\$30,360.00
	NFH-W to New Connector	2,400 ft	\$12.00	\$28,800.00
	Transfer Pumps and Equipment	2	\$20,000.00	\$40,000.00
	Screen Separators and Equipment	2	\$70,000.00	\$140,000.00
	Concrete and Earth Work	300 Cu. Yd.	\$250.00	\$75,000.00
	Feed Face Sprinklers	1858	\$150.02	\$278,742.86
	Denitrification Wells and Equipment	1	\$50,000.00	\$50,000.00
	Denitrification Wells Connectors	15,000 ft	\$8.00	\$120,000.00
	Woodchip System	1	\$60,000.00	\$60,000.00
	NFH-W to Gray Connector	14,200	\$12.00	\$170,400.00
	Bud Light Pivot Connector	5,300	\$9.00	\$47,700.00
	Contingency	15%	\$315,015.43	\$315,015.43
			Total Cost	\$2,415,118.29
			FDEP Springs Funding	\$1,500,000.00
			District Funding	\$254,297.30
			Producer's Share	\$660,820.99



North Florida Holsteins Cost-Share

December 2020



Project Area
 Fanning Manatee PFA



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: Matthew Cantrell, Project Manager, Office of Agriculture and Environmental Projects

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: November 25, 2020

RE: Contract to Provide Cost-Share Funding to Lee Peanut Farms, LLC, Madison County

RECOMMENDATION

Authorize Executive Director to enter into contract with Lee Peanut Farms, LLC in the amount not to exceed \$135,000.

BACKGROUND

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

The District's Agricultural Cost-Share Program has been supported through funding from the District, FDEP, and FDACS over time. In Fiscal Year 2011-2012 (FY 2012), the Governing Board allocated \$7 million dollars to the program. Since FY 2012, this SRP partnership has resulted in approximately 13.47 million gallons per day of water conserved and 775,680 pounds of Nitrogen reduced.

At the September 20, 2017, Governing Board Meeting, the Board approved the District to enter into a contract with the Florida Department of Environmental Protection (FDEP) to receive \$2,000,000 in springs funding for a precision agriculture cost-share program. Subsequently, at the July 9, 2019 Governing Board meeting, the board approved the District to enter into a contract amendment with FDEP to receive an additional \$3,000,000 in springs funding for the same precision agricultural cost-share program.

Precision agriculture practices includes veris mapping, aerial imagery, grid soil sampling, tissue sampling, variable rate nutrient application, side dressing, and variable rate irrigation. Based on the evaluation criteria, one applicant is being recommended for cost-share funding today.

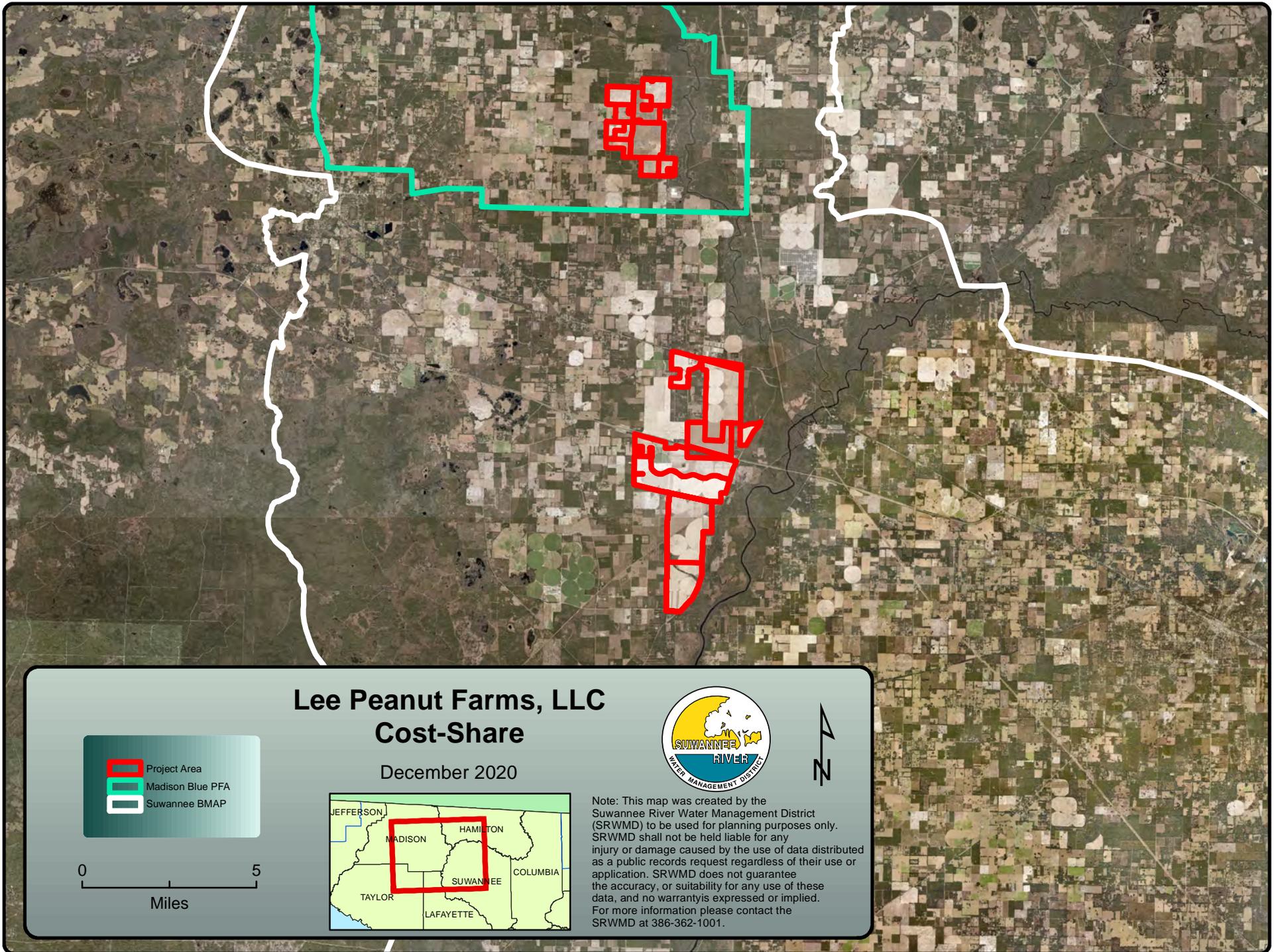
This cost-share project is with Lee Peanut Farms, LLC. This project is located in Madison County, the Suwannee Basin Management Action Plan, and the Madison Blue Priority Focus Area. Lee Peanut has applied to purchase two pieces of equipment to use on approximately 5,000 acres per year. It is estimated that 137,500 pounds of nitrogen loading will be reduced at a cost of \$0.20 per pound of nitrogen reduced. The total cost of this project is estimated at \$180,000. The FDEP Springs Funding and District Cost-Share will contribute \$135,000 or 75% of the project's costs, with the producer contributing \$45,000 or 25% of the project's costs. See attachment for a detailed project cost breakdown.

Funding for this project is included in the Fiscal Year 2021 Budget under account code 06-2586-7-2400-18-01 and 51-2586-7-2400-06-07.

MC/tm
Attachments

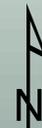
Exhibit A – Itemized List

Producer	Item	Qty	Total Cost	SRWMD Total	Producer Total
Lee Peanut Farms, LLC	Side Dressing Equipment	1	\$105,000.00	\$78,750.00	\$26,250.00
	Vertical Tillage Equipment	1	\$75,000.00	\$56,250.00	\$18,750.00
Project Totals:			\$180,000.00	\$135,000.00	\$45,000.00



Lee Peanut Farms, LLC Cost-Share

December 2020



-  Project Area
-  Madison Blue PFA
-  Suwannee BMAP



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: Bill McKinstry, Chief, Office of Land Management
THRU: Tom Mirti, Deputy Executive Director, Water and Land Resources
DATE: November 30, 2020
RE: District Land Management and Twin Rivers State Forest Activity Summary

BACKGROUND

Ryan Sims and Steve Carpenter renewed their Master Logger certifications.

Ryan Sims completed the Florida Certified Contract Manager Training.

District land management staff replaced a gate on the Cuba Bay Tract and removed trash and other debris from the Kirby building that was collected on District lands during the COVID-19 office closure.

Edwin McCook assisted with the Suwannee Valley Springs Protection Tour on October 30, 2020. The tour was hosted by the Florida Department of Environmental Protection, Alachua Conservation Trust and the District.

District contractors have completed fall mowing on the Mallory Swamp Tract.

Bill McKinstry reviewed the FP&L/Gulf Power easement across District lands.

FFS staff are continuing to rehabilitate boundary markings on the Twin Rivers State Forest (TRSF). Boundaries on the Ellaville Tract have been completed and staff has begun updates to the Black Tract.

Identification of erosion issues concerning the newly constructed recreation landing on the Withlacoochee Tract were identified.

Due to a project on non-SRWMD lands, the Florida Forest Service has identified the invasive plant, sweet tanglehead, along several roads on TRSF. Primary egress appears to stem from the spreading of seed and vegetative structures along utility lines, access roads (State Rd 6, Hwy 90 and River Rd.) and boundaries abutting privately owned lands. Measures have been implemented to identify locations and appropriate treatment of this invasive grass.

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

Conservation Easement Monitoring

None during the reporting period.

Vegetation Management Projects: During the reporting period, no additional acres of vegetation management work was completed. Vegetation management work is being conducted for fuel reduction, natural community restoration, and wildfire mitigation purposes.

FY 2021 Activity Table – Vegetation Management (10/01/2019 – 11/16/2020)

ACTIVITY	ACRES		MILES	
	Planned	Complete	Planned	Complete
Herbicide	300	79	0	0
Roller Chop Uplands	248	0	0	0
Roller Chop (Mallory Swamp)	1000	0	0	0
Woods Mow	2000	0	0	0
Ditch Mow	0	0	25	0

Invasive Plant Monitoring Program: During the reporting period, 28 additional plant infestations were monitored or treated.

FY 2021 Activity Table – Invasive Plant Treatments (10/01/2019 – 11/16/2020)

ACTIVITY	INFESTATIONS	
	Planned	Complete
Invasive Plant Monitoring/Treatment	153	32

Rare Plant Monitoring Program: No additional rare plant occurrences were monitored during the reporting period.

FY 2021 Activity Table – Rare Plant Monitoring (10/01/2019 – 11/16/2020)

ACTIVITY	OCCURANCES	
	Planned	Complete
Rare Plant Species Monitoring	140	0

Prescribed Fire Program:

- Contractors conducting prescribed burns on District lands this year include B&B Dugger (B&B), Schmidt Reforestation Services (SRS), and Wildlands Services (WS). Also, included in this report are the acres the Florida Forest Service (FFS) burns on the Twin Rivers State Forest (TRSF). When available, the FFS will provide a crew to burn additional acres on both District tracts and TRSF.
- The following table provides information on the District's Prescribed Burn Program through the reporting period. During this period, no additional acres were burned.

FY 2021 Activity Table Prescribed Fire Summary Table (10/1/2019 – 11-16/2020)

	2021 TARGET ACRES	ACRES COMPLETE
SRWMD	7000	0
FFS TRSF	2000	0
TOTAL	9000	0

FY 2021 Activity Table - Prescribed Fire (10/01/2019 – 11/16/2020)

TRACT	COUNTY	B & B	WS	SRS	FFS	TOTAL SRWMD ACRES	TOTAL TRSF ACRES	TOTAL WILDFIRE ACRES
Sub Total for Period	0	0	0	0	0	0	0	0
Previous Acres Burned	0	0	0	0	0	0	0	0
Total Acres	0	0	0	0	0	0	0	0

Timber Sales:

Activity Table – Open and Recently Completed Timber Sales

TRACT	CONTRACT	ACRES	TONS HARVESTED	REVENUE	STATUS	CONTRACT END DATE
Wolf Creek #1	19/20-011	72			Inactive	12/2/2020
Natural Well Branch #1	19/20-063	240	13,626	\$236,996.71	Complete	11/26/2020
Steinhatchee Springs #19	19/20-139	330			Inactive	3/13/2021
Cuba Bay #2	19/20-129	315			Inactive	3/04/2021
Steinhatchee Springs #20	19/20-145	208			Inactive	04/24/2021
Steinhatchee Springs #21	19/20-146	366			Inactive	04/24/2021
Ellaville #19	20/21-009	176		\$300,507.17	Inactive	10/14/2021
Ellaville #20	20/21-013	276			Inactive	10/26/2021
Westwood West #4	20/21-010	89		\$133,107.77	Inactive	10/14/2021
Nature Coast Wellfield #2	20/21-011	110			Inactive	10/26/2021
Seven Bridges #1	20/21-012	224			Inactive	10/26/2021

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Darlene Velez, Chief, Office of Water Resources

THRU: Tom Mirti, Deputy Executive Director, Water and Land Resources

DATE: November 30, 2020

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 of 8" diameter or greater. As of November 2, 2020, the District has permitted 1,767 (254.0 MGD) irrigation wells which include a water use monitoring condition, of which 1,413 (217.0 MGD) wells are active, i.e., the wells have been drilled already. The District is monitoring 1,376 (211.4 MGD) of the 1,413 active wells. The remaining 37 active wells not yet monitored are scheduled for site visits to determine the type of monitoring that will be implemented.

Where possible, agricultural water use is estimated using monthly electric power consumption records provided by the electrical power provider. Estimation by power use is the most cost-effective method of water use reporting. To date, the farmer agreements authorizing the District to receive power usage reports directly from the cooperatives are in effect on 678 (130.2 MGD) monitoring points.

Not all withdrawal points are suitable for estimation using power consumption. Diesel-powered pumps and complex interconnected irrigation systems still require direct methods of monitoring. The District employs telemetry to conduct water use monitoring on diesel-power systems. There are currently 274 (49.7 MGD) telemetry systems installed by the District for this purpose.

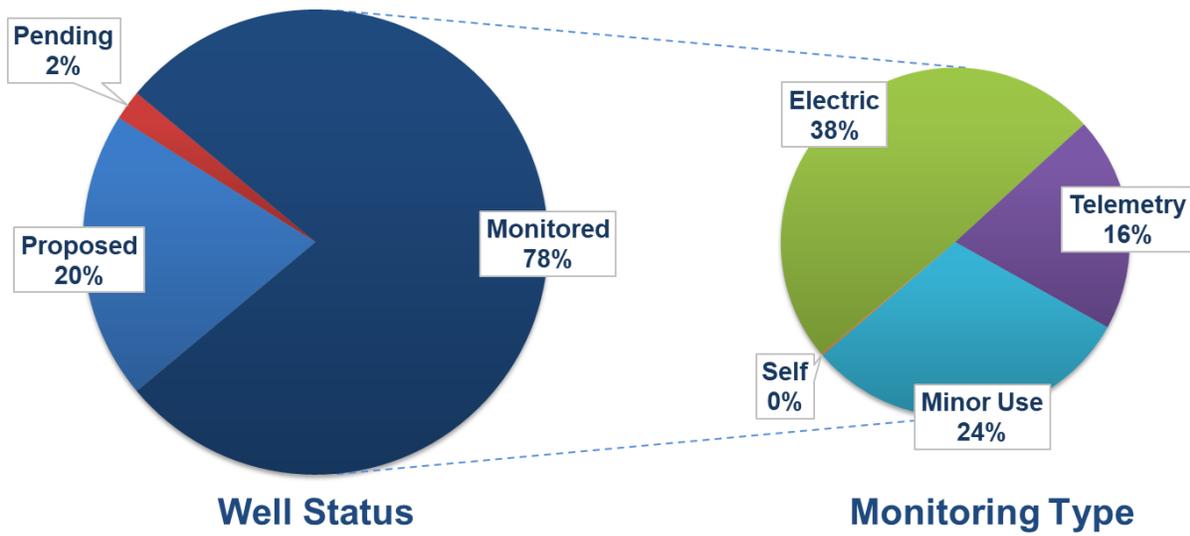
Some withdrawal points have very limited use (< 0.05 MGD each) and are monitored for status changes by individual site visits. There are currently 421 (31.2 MGD) limited use monitoring points in the District. Some users monitor their own water use and report that data to the District. There are currently 2 (0.3 MGD) self-monitored points.

Since April 2017, the District has consistently had over 94% of active wells and permitted allocation being monitored. To date, the District is monitoring approximately 97.4% of existing active wells (97.4% of allocation) with water use permit monitoring conditions.

The attached figure shows the current well status and monitoring type for all wells with water use monitoring conditions (Figure 1).

Figure 1: Graph on the left shows the current status of all permitted wells with a water use monitoring condition. The graph on the right shows the monitoring type for all currently monitored wells.

Agricultural Water Use Stations with Monitoring Conditions



DSV/pf

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Sean King, Chief, Office of Minimum Flows and Minimum Water Levels

THRU: Tom Mirti, Deputy Executive Director, Water and Land Resources

DATE: November 30, 2020

RE: No-Cost Extension for Instream Habitat Studies in the Santa Fe River

RECOMMENDATION

Authorize the Executive Director to approve a no-cost extension for instream habitat studies in the Santa Fe River, Task Work Assignment #19/20-009.011 with HSW Engineering, Inc.

BACKGROUND

HSW Engineering Inc. assisted the District in developing the current Draft Minimum Flows and Minimum Levels (MFL) Re-Evaluation for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs. As part of this process, the District recognized the need for additional instream habitat studies in the Santa Fe River from the confluence with Olustee Creek downstream to the River Sink at O'leno State Park. Information resulting from this effort will be used for future re-evaluation of this system.

Task 2 of the current Task Work Assignment (TWA) will involve a continuation of field data collection under high and low flow events as they would occur, with the medium flow event captured in Fiscal Year 2020 (FY 2020). HSW Engineering was selected to complete this effort along with subsequent data analysis using the System for Environmental Flow Analysis software (Task 3). A final report will be produced as a deliverable for Task 4.

Funding for this project is included in the FY 2021 Final Budget under code 20-2-586-1-1102-18-00 and will be assigned to code 20-2-586-1-1102-01-00. The amount will not exceed the remaining TWA budget of \$129,810.

RM/pf

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Sean King, Chief, Office of Minimum Flows and Minimum Water Levels

THRU: Tom Mirti, Deputy Executive Director, Water and Land Resources

DATE: November 30, 2020

RE: Update to the Lake Butler Minimum Flows and Minimum Water Levels Report

RECOMMENDATION

Authorize the Executive Director to approve Task Work Assignment 19/20-061.002 with Environmental Consulting & Technology, Inc. for technical support services to update the 2017 Lake Butler Minimum Flows and Minimum Water Levels Report for an amount not to exceed \$19,882.00.

BACKGROUND

The District developed a draft of minimum lake levels for Lake Butler, located in Union County, in 2017. A companion report provided hydrologic and modeling analyses. The minimum flows and minimum water levels (MFL) recommendation was aided by a thorough peer review.

After development of the North Florida Southeast Georgia (NFSEG) groundwater model, significant changes to the Report are required to reflect the way groundwater influences the development of the MFL through the modeling analysis. This Task Work Assignment (TWA) is for Environmental Consulting & Technology, Inc. to incorporate the adjusted lake model results, revise the statistical calculation of the MFL recommendations, and modify the 2017 MFL Report to coincide with the updates to the final hydrology and modeling results.

Funding for this project is included in the Fiscal Year 2020-2021 Final Budget under code 20-2586-1-1102-18-00 and will be assigned to the Lake Butler MFL code 20-2-586-1-1102-07.

LM/pf

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Hugh Thomas, Executive Director
DATE: November 30, 2020
RE: District's Weekly Activity Reports

Attached are the weekly District activity reports.

Please feel free to contact staff prior to the Governing Board meeting if you would like further information.

HT/rl
Attachments



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

WEEKLY ACTIVITY REPORT TO GOVERNING BOARD FOR OCTOBER 18 – 24, 2020

Executive / Management

- Hugh Thomas participated in an internal discussion for coordination of Prized Properties Springs Protection Tour.

Legislative and Community Affairs

- Ben Glass presented an overview of the District and its' activities to the Live Oak Rotary Club in Suwannee County.
- Ben Glass virtually attended the Lake City Council meeting where they discussed a task work assignment to explore potential water resource development projects.
- Ben Glass virtually attended M-CORES Northern Turnpike Connector Task Force.
- Throughout the week, Ben Glass virtually attended the Governor's press events.

Administration

- No reporting activity.

Finance

- No reporting activities.

Land Management

- No reporting activities.

Resource Management

- No reporting activity.

Water Resources

- Darlene Velez and Tara Rodgers virtually attended the Florida Water Resources Monitoring Council 2021 Workplan Meeting.
- Tom Mirti and Darlene Velez attended a conference call with Kara Radabaugh and Ryan Moyer with FWC to discuss coastal priorities in the greater Horseshoe Cove area from Pepperfish Keys to the mouth of the Suwannee River.
- Tara Rodgers and Darlene Velez virtually met with FDEP and an FDEP contractor to demonstrate SRWMD data processing and QA of continuous data in preparation of additional development of the FDEP Watershed Information Network (WIN).

Minimum Flows and Minimum Water Levels

- Louis Mantini met with a landowner on the Santa Fe River, upstream of O'leno State Park, to discuss access to his river property for future data collection on that river reach.

Water Supply

- No reporting activity.

Hydrological Data

- No reporting activity.

Agriculture and Environmental Projects

- Pat Webster and Dave Christian attended a virtual meeting hosted by US Army Corp of Engineers to discuss the Alligator Creek 205 Management Measure.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

- Pat Webster, Dave Christian, and Matt Cantrell attended the Jasper Wastewater Review meeting in Hamilton County.
- Pat Webster and Dave Christian hosted a virtual meeting to discuss the I-75/SR 247 Quail Heights Ponds where representatives from the Florida Department of Transportation, Columbia County, and their consultants were invited to attend.
- Matt Cantrell and Libby Schmidt hosted and attended the monthly virtual Inter-agency Ag Team meeting.
- Bob Heeke and Dave Christian performed a site visit and inspection of the Mallory Swamp project in Lafayette County.
- Pat Webster performed site maintenance to the Edwards Bottomlands site in Bradford County.
- Steve Minnis, Pat Webster, Ben Glass, and Mary Diaz met with a representative from the City of Cross City to discuss a flood management project.

Information Technology and GIS

- No reporting activity.

Communications

- Lindsey Garland met with Moore Communications to discuss the progress of the 319 Grant.
- Weekly Top Performing Post

Suwannee River Water Management District is at Mallory Swamp.
Published by Lindsey Garland · October 22 at 4:17 PM · Mayo

Have you visited Mallory Swamp?
This District land is a great location to hike, bike or bird watch on the weekends.

Performance for Your Post

791 People Reached		
32 Reactions, Comments & Shares		
22 Like	20 On Post	2 On Shares
1 Love	1 On Post	0 On Shares
1 Wow	1 On Post	0 On Shares
6 Comments	6 On Post	0 On Shares
2 Shares	2 On Post	0 On Shares
80 Post Clicks		
15 Photo Views	0 Link Clicks	65 Other Clicks

NEGATIVE FEEDBACK

3 Hide Post	0 Hide All Posts
0 Report as Spam	0 Unlike Page

Reported stats may be delayed from what appears on posts

791 People Reached **112** Engagements **Boost Post**

Tessa Eger, Elaine Robinson and 20 others 3 Comments 2 Shares

Like Comment Share

Announcements for the week of November 1 – 7, 2020

- The District office remains closed to the public. The District will begin opening the office to staff members in phases.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

WEEKLY ACTIVITY REPORT TO GOVERNING BOARD FOR OCTOBER 25 – 31, 2020

Executive / Management

- Hugh Thomas virtually attended the Santa Fe River Basin Conservation Partnership Meeting.
- Hugh Thomas virtually attended the FACETS PAC meeting.
- Hugh Thomas virtually attended the Office of Ag Water Policy Annual Stakeholder meeting.
- Hugh Thomas virtually participated in the monthly Board Agenda Conference with FDEP.
- DEP hosted the Prized Properties Suwannee Valley Spring Protection Tour in Gilchrist County to highlight land acquisition projects with Florida Forever and Springs funding. Hugh Thomas, Tom Mirti, Katelyn Potter and Edwin McCook participated in the tour by presenting details on the Bell Ridge Sandhill and Sawdust Springs land acquisitions.

Legislative and Community Affairs

- Ben Glass virtually attended and presented to the Santa Fe River Basin Conservation Partnership.
- Ben Glass virtually attended the DEP Springs BMAPs Webinar.

Administration

- Ashley Spivey and Sharon Hingson attended a virtual seminar presented by FEMA relating to value estimations for facilities and infrastructure.
- Stephen Schroeder attended a virtual meeting of the Ocala to Osceola partnership.

Finance

- No reporting activity.

Land Management

- Timber harvesting was completed on Natural Well Branch timber sale #3.
- Wri Irby and Ryan Sims replaced a gate on Cuba Bay Tract.

Resource Management

- Leroy Marshall, Ben Glass, Ashley Stefanik and Mary Diaz met with Columbia County commissioners and Chad Williams, Kevin Kirby and David Kraus to discuss Environmental Resource Permit requirements for water quality, water quantity and stream-to-sink basins; as well as upcoming rulemaking activities.

Water Resources

- Darlene Velez virtually attended the Santa Fe River Basin Conservation Partnership.
- Tom Mirti, Tara Rodgers, Patrick Webster, Amy Brown, John Good and Leroy Marshall virtually met with Nasrin Alamdari and Ebrahim Ahmadisharaf from FSU to discuss common interests and possible future collaboration.
- Tara Rodgers, Alex Blankenship and Darlene Velez attended FDEP's Springs BMAPs webinar.

Minimum Flows and Minimum Water Levels

- No reporting activity.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Water Supply

- No reporting activity.

Hydrological Data

- No reporting activity.

Agriculture and Environmental Projects

- Bob Heeke, Libby Schmidt and Dave Christian attended a virtual Santa Fe River Basin Conservation Partnership Meeting.
- Pat Webster and Dave Christian virtually attended the second Alligator Creek Management Measure Meeting hosted by the US Army Corp of Engineers.
- Libby Schmidt attended the Springs BMAPs webinar hosted by Florida DEP.
- Bob Heeke performed an inspection of the Mallory Swamp project in Lafayette County.
- The Project Review Team virtually met with representatives of the City of High Springs and their consultants to review potential funding for the High Springs Wastewater Treatment Facility.
- Bob Heeke performed an inspection of the Dixie County Multi Basin Aquifer Recharge Project.
- Kris Eskelin attended a virtual workshop on non-point source septic systems sponsored by DEP and TapRoot Agency.
- Kris Eskelin attended the monthly construction coordination meeting for the High Springs Sewer Extension Phase 2 project.

Information Technology and GIS

- No reporting activity.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Communications

- Lindsey Covington attended the Digital Design Advisory Committee Meeting at River Oak Technical College in Live Oak. The educational staff discussed updates to the curriculum and how the District can provide insight on workforce needs.
- Weekly Top Performing Post

Suwannee River Water Management District
Published by Lindsey Garland · October 30 at 11:06 AM

Land acquisition is essential to protecting water quality within Suwannee Valley. We couldn't protect our water resources and preserve lands without our partners!

- Florida Department of Environmental Protection
- MyFWC Florida Fish and Wildlife
- Alachua Conservation Trust

Performance for Your Post

1,890 People Reached		
112 Reactions, Comments & Shares		
77 Like	22 On Post	55 On Shares
18 Love	6 On Post	12 On Shares
8 Comments	3 On Post	5 On Shares
9 Shares	8 On Post	1 On Shares
176 Post Clicks		
106 Photo Views	0 Link Clicks	70 Other Clicks

NEGATIVE FEEDBACK

3 Hide Post	0 Hide All Posts
0 Report as Spam	0 Unlike Page

Reported stats may be delayed from what appears on posts

Get More Likes, Comments and Shares
When you boost this post, you'll show it to more people.

1,890 People Reached 288 Engagements [Boost Post](#)

Gary McCormick Sr., Harry Fleener and 26 others 2 Comments 8 Shares

Like Comment Share

Announcements for the week of November 8 – 14, 2020

- The District will continue to open the office to public in phases.
- The District will hold its monthly Governing Board Meeting and Workshop on November 10, 2020 at 9:00 a.m. The meeting will be accessible online via a Go-To Webinar and open to the public with limited seating capacity.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

WEEKLY ACTIVITY REPORT TO GOVERNING BOARD FOR NOVEMBER 1 – 7, 2020

Executive / Management

- Hugh Thomas attended a presentation at the 2020 Association of Florida Conservation District annual meeting in Ft. Walton.
- Hugh Thomas attended a meeting with USDA State Conservation Representative in Ft. Walton.

Legislative and Community Affairs

- Throughout the week, Ben Glass virtually attended Governor Ron DeSantis' press events.
- Ben Glass, Pat Webster, Libby Schmidt and Bob Heeke virtually met with representatives from the Alachua Conservation Trust to discuss the Accelerating Suwannee Project.
- Tim Alexander attended Dixie County Board of County Commissioners meeting.
- Patrick Webster, along with Tim Alexander, Bob Heeke and David Christian, virtually met with Dixie County staff regarding the Multi-Basin Aquifer Recharge project.

Administration

- No reporting activity.

Finance

- Christina Green and Pam Shaw attended a virtual meeting with FDEP and other water management districts to discuss the FY22 Preliminary Budget.

Land Management

- Ryan Sims and Steve Carpenter completed their Master Logger certification renewals.

Resource Management

- No reporting activity.

Water Resources

- No reporting activity.

Minimum Flows and Minimum Water Levels

- No reporting activities.

Water Supply

- No reporting activity.

Hydrological Data

- No reporting activity.

Agriculture and Environmental Projects

- Bob Heeke and Dave Christian performed a site inspection of Pot Springs project in Hamilton County.
- Pat Webster attended Certified Floodplain Manager Training.
- Bob Heeke and Dave Christian participated in a virtual meeting with Wood to discuss the relocation of the Sampson Lake drainage well and the Roberts' Crosby Lake Tract.
- The Project Review Team, along with Ben Glass and Tim Alexander, met with the City of Starke and Bradford County to discuss potential grant funding opportunities.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

- The Project Review Team met with IFAS representatives to discuss a grant funding opportunity for a potential BMP project.
- Pat Webster, Bob Heeke and Dave Christian participated in a virtual kickoff meeting for the Lower Suwannee Wildlife Refuge Hydrologic Assessment hosted by Wood.
- Bob Heeke and Dave Christian performed an inspection of the Mallory Swamp project in Lafayette County.
- Pat Webster performed maintenance to the Edwards Bottomlands project in Bradford County.
- Kris Eskelin attended a virtual meeting hosted by GRU to present information to the Audubon Society on the Groundwater Recharge Wetlands project.

Information Technology and GIS

- Paul Buchanan coordinated with Branford High School Future Farmers of America to create a corn maze for the annual Branford High School Fall Ag/Maze Day for Branford Elementary School. Paul introduced GPS and GIS tools to the students through the project.
- Paul Buchanan, Andrew Neel and Bob Heeke participated in a virtual LIDAR technical workshop with Dewberry and USGS to discuss and review the techniques used to identify and delineate hydrography features and break lines in the current LIDAR data project of Levy County.

Communications

- Lindsey Covington met with Moore Communications to discuss the progress of the 319 Grant.
- Lindsey Covington met with SFWMD communication staff to discuss ADA remediation and processes.
- Lindsey Covington participated in the Young Professionals of Lake City to network with industry professionals and discuss the District's role in protecting water resources.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

- Weekly Top Performing Post

Suwannee River Water Management District Published by Lindsey Garland [?] · November 6 at 4:50 PM

What a gorgeous sight at Little River Spring! 🌿 Have you visited this spring lately?

Get More Likes, Comments and Shares
When you boost this post, you'll show it to more people.

1,019 People Reached **163** Engagements [Boost Post](#)

👍❤️😂 Tom Knight, Liz Lamphere Crussell and 67 others 5 Comments 2 Shares

👍 Like 💬 Comment ➦ Share 🌐

Performance for Your Post

1,019 People Reached

82 Reactions, Comments & Shares

61 Like	58 On Post	3 On Shares
10 Love	10 On Post	0 On Shares
1 Angry	1 On Post	0 On Shares
8 Comments	6 On Post	2 On Shares
2 Shares	2 On Post	0 On Shares

81 Post Clicks

10 Photo Views	0 Link Clicks	71 Other Clicks
--------------------------	-------------------------	---------------------------

NEGATIVE FEEDBACK

1 Hide Post	0 Hide All Posts
0 Report as Spam	0 Unlike Page

Reported stats may be delayed from what appears on posts

Announcements for the week of November 15 – 21, 2020

- The District will continue to open the office to the public in phases.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

WEEKLY ACTIVITY REPORT TO GOVERNING BOARD FOR NOVEMBER 8 – 14, 2020

Executive / Management

- No reporting activity.

Legislative and Community Affairs

- Tim Alexander attended virtual meetings with National Weather Service and conference calls with the Florida Department of Emergency Management regarding Hurricane Eta.

Administration

- No reporting activity.

Finance

- No reporting activity.

Land Management

- No reporting activity.

Resource Management

- No reporting activity.

Water Resources

- Darlene Velez attended a webinar on Water Quality and Climate Change hosted by the Florida Water and Climate Alliance.

Minimum Flows and Minimum Water Levels

- No reporting activity.

Water Supply

- No reporting activity.

Hydrological Data

- Tara Rodgers, Darlene Velez, and Alex Blankenship attended a webinar on 2021 funding opportunities from the National Groundwater Monitoring Network.

Agriculture and Environmental Projects

- The Project Review Team met virtually with Alachua County representatives to review potential grant opportunities for upcoming projects in Alachua County.
- The Project Review Team and Tim Alexander met virtually with representatives of the City of Newberry and their engineers to discuss grant opportunities for upcoming projects.
- Kris Eskelin virtually attended the American Water Resource Association Florida Section Young Professionals Lunch and Learn.
- The Project Review Team met virtually with Mr. Sharma, a Precision Water Management Specialist in the Agricultural and Biological Systems Engineering Department at the University of Florida to discuss the FY 2021/2022 Springs and Alternative Water Supply funding grant opportunities and pre-application meetings.
- Bob Heeke and Dave Christian completed a site inspection of the Mallory Swamp project in Lafayette County.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

- Kris Eskelin attended the virtual inter-district quarterly meeting for WMDs.

Information Technology and GIS

- No reporting activity.

Communications

- Weekly Top Performing Post

Suwannee River Water Management District
Published by Lindsey Garland [?] · November 13 at 4:20 PM · 🌐

#DYK Troy Springs is considered a first magnitude spring that discharges more than 65 million gallons of water per day! 💧

Performance for Your Post

892 People Reached		
52 Reactions, Comments & Shares		
35 Like	32 On Post	3 On Shares
6 Love	6 On Post	0 On Shares
3 Wow	1 On Post	2 On Shares
5 Comments	4 On Post	1 On Shares
3 Shares	3 On Post	0 On Shares
62 Post Clicks		
1 Photo Views	0 Link Clicks	61 Other Clicks
NEGATIVE FEEDBACK		
0 Hide Post	0 Hide All Posts	
0 Report as Spam	0 Unlike Page	

Reported stats may be delayed from what appears on posts

Get More Likes, Comments and Shares
When you boost this post, you'll show it to more people.

892 People Reached **114** Engagements [Boost Post](#)

👍❤️😮 Hildi Anneova, Angela Lannon and 37 others 3 Comments 3 Shares

👍 Like 💬 Comment ➦ Share 🌐

Announcements for the week of November 22 – 28, 2020

- The District will continue to open the office to the public in phases.
- District offices will be closed Thursday, November 26 and Friday, November 27 in observance of the Thanksgiving holiday.