

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

GoTo Webinar Link: <https://attendee.gotowebinar.com/register/1866408207680852239>

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

April 13, 2021
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 - March 9, 2021 Board Meeting, Workshops, and Lands Committee Minutes
 - Agenda Item No. 12 - R.O. Ranch Exchange with McB-Pinehatchee, Lafayette County
 - Agenda Item No. 13 - Thakor Ashish Ingress/Egress Agreement, Suwannee County
 - Agenda Item No. 14 - Lasky Tract Acquisition, Gilchrist County
 - Agenda Item No. 15 - Warner-Harrell Conservation Easement Amendment, Suwannee County
 - Agenda Item No. 16 – Newberry Wellfield Conveyance, Alachua County
 - Agenda Item No. 17 - February 2021 Financial Report
 - Agenda Item No. 27 - Contract 19/20-245 with Balfour Timber Company
 - Agenda Item No. 30 - Task Work Assignment for Contract 20/21-100.002 with Dewberry Engineers, Inc.
6. March 9, 2021 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
 - C. Staff Recognition – Bill McKinstry and Tilda Musgrove (Ten Years of Service)

GOVERNING BOARD LEGAL COUNSEL

Tom Reeves

- LC Page 1
8. Update on Legal Activities / Enforcement Status Updates
 9. Appeal of Final Order Number 21-003, Seven Springs Water Company v. Suwannee River Water Management District; SRWMD Renewal WUP App. No. 2-041-218202-3; DOAH Case Nos. 20-1329, 20-3581 (Consolidated)

BUSINESS AND COMMUNITY SERVICES

Tim Alexander, Deputy Executive Director

Administration

- BCS Page 1
10. Land Acquisition and Disposition Activity Report
 11. HVAC Renovation and Replacement Update
- BCS Page 4
12. R.O. Ranch Exchange with McB-Pinehatchee, Lafayette County - **Recommend Consent**
- BCS Page 9
13. Thakor Ashish Ingress/Egress Agreement, Suwannee County – **Recommend Consent**
- BCS Page 14
14. Lasky Tract Acquisition, Gilchrist County - **Recommend Consent**
- BCS Page 20
15. Warner-Harrell Conservation Easement Amendment, Suwannee County - **Recommend Consent**
- BCS Page 32
16. Newberry Wellfield Conveyance, Alachua County - **Recommend Consent**

Finance

- BCS Page 40
17. February 2021 Financial Report – **Recommend Consent**

Resource Management

- BCS Page 45
18. Permitting Summary Report
- BCS Page 48
19. Task Work Assignment for Contract 20/21-070 with Atkins North America, Inc.
- BCS Page 69
20. Task Work Assignment for Contract 20/21-069 with AECOM, Inc.
 21. Riverview Project and Flood Report Updates Presentation

Agriculture and Environmental Projects

- BCS Page 89
22. Springs Funding Applications
- BCS Page 95
23. Alternative Water Supply Funding Applications

- BCS Page 101 24. Cost-Share Funding to Riley Putnal, Suwannee County
- BCS Page 104 25. Cost-Share Funding to Sidney Koon, Lafayette County

WATER AND LAND RESOURCES
Tom Mirti, Deputy Executive Director

Land Management

- WLR Page 1 26. District Land Management and Twin Rivers State Forest Activity Summary
- WLR Page 5 27. Contract 19/20-245 with Balfour Timber Company – **Recommend Consent**

Water Resources

- WLR Page 6 28. Agricultural Water Use Monitoring Report
29. Withlacoochee Water Quality Overview
- WLR Page 8 30. Task Work Assignment for Contract 20/21-100 with Dewberry Engineers, Inc.
– **Recommend Consent**

Water Supply / MFL

- WLR Page 9 31. Task Work Assignment for Contract 19/20-082 with Intera, Inc.
32. Lower Santa Fe and Ichetucknee Project Strategy
33. Water Supply Plan Update

EXECUTIVE OFFICE
Hugh Thomas, Executive Director

- EO Page 1 34. District’s Weekly Activity Reports
- EO Page 13 35. Contract with Robin Shepherd Studios, Inc., for the Who We Are Campaign
36. Announcements
37. Governing Board Comments

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

May 11, 2021 9:00 a.m. Board Meeting
Workshops / Committee Meetings

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

38. 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

April 13, 2021
Following Board Meeting

District Headquarters
Live Oak, Florida

- District Road Maintenance Option Discussion

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

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9:00 a.m., Tuesday
 March 9, 2021

District Headquarters
 Live Oak, Florida

Agenda Item No. 1 – Call to Order. The meeting was called to order at 8:59 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	Larry Thompson		X	
Santa Fe and 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 and 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

Greg Hardin, Florida Farm Bureau	Charles Shinn, Florida Farm Bureau
Kelly Aue, Suwannee River Partnership	Ray Hodge, Southeast Milk
Cory Mikell, H2O Technologies	Doug Manson, Manson Bolves
Michael Roth, Our Santa Fe River	John Fitzgerald
Steve Gladin	Bradley Heilwagen
Corinne Hermle	Jordan Jacobs

Betty Johnson
Hannah Love
Lucinda Merritt
Rebecca Perry
Paul Still
Jeff Hill

Peter Kleinhenz
Christian Merricks
Eric Olsen
Mike Smith
Craig Varn
Benjamin Wyche

Staff

Warren Zwanka
Tilda Musgrove
Wri Irby
Robbie McKinney
Steve Schroeder
Lindsey Covington
Leroy Marshall
Amy Brown
Sean King
David Christian
Sky Notestein

Katelyn Potter
Tyler Jordan
Bill McKinstry
Tim Alexander
Christina Green
Pat Webster
Libby Schmidt
Alejandro Garcia
Bo Cameron
Kris Esklin
Tara Rodgers

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

Agenda Item No. 4 – Public Comment.

- Mike Roth, Our Santa Fe River – Public interest concerns and Seven Springs Water Use Permit objections.

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

- Agenda Item No. 6 - February 9, 2021 Board and Workshops Minutes, and February 23, 2021 Special Board Meeting Minutes
- Agenda Item No. 11 - January 2021 Financial Report
- Agenda Item No. 16 - Clarifications to One of the Regional Initiative Valuing Environmental Resources Cost-Share Program Approved Projects
- Agenda Item No. 21 – Upper and Middle Suwannee Tracts Road Repairs

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

Agenda Item No. 6 – February 9, 2021 Board and Workshops Minutes, and February 23, 2021 Special Board Meeting Minutes. Approved on Consent.

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

- A. Robbie McKinney, Hydrologist IV, gave a presentation of hydrologic conditions of the District. Tom Mirti, Deputy Executive Director, answered questions regarding the recent Georgia water quality concerns and discharges.
- B. Cooperating Agencies and Organizations. None

GOVERNING BOARD LEGAL COUNSEL I

Agenda Item No. 8 – Legal Activities Update. Tom Reeves, Board Legal Counsel, updated the Board on the Florida Defenders of the Environment, Inc., Notice of Intention to File Civil Complaint for Injunctive Relief pursuant to the Florida Environmental Protection Act.

BUSINESS AND COMMUNITY SERVICES

Administration

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

Agenda Item No. 10 – HVAC Update. Steve Schroeder, Administration Chief, updated the Board on the progress of the HVAC installations.

Finance

Agenda Item No. 11 – January 2021 Financial Report. Approved on Consent.

Resource Management

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

Agenda Item No. 13 – Rulemaking to Amend Rules 40B-1.703, 40B-1.704, 40B-1.706, and 40B-4.709; and Repeal Rule 40B-1.1010, Florida Administrative Code. Warren Zwanka, Resource Management Division Director, presented this item to the Board.

AMENDED MOTION BY SCHWAB, SECONDED BY SANCHEZ TO APPROVE ONLY THE WORKS OF THE DISTRICT MINOR MODIFICATION FEE, 40B-1.706(2), FLORIDA ADMINISTRATIVE CODE, WITH THE REMAINING RULE AMENDMENTS TABLED PENDING A BOARD WORKSHOP. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 14 – Task Work Assignment for Contract 20/21-069 with Wood Environmental and Infrastructure Solutions, Inc. Leroy Marshall, 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. 15 – Task Work Assignment for Contract 20/21-070 with Atkins North America, Inc. Mr. Marshall presented this item to the Board.

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

Agriculture and Environmental Projects

Agenda Item No. 16 – Clarifications to One of the Regional Initiative Valuing Environmental Resources Cost-Share Program Approved Projects. Approved on Consent.

Agenda Item No. 17 – Contract to Provide Precision Agriculture Cost-Share Funding to Putnal Farms. Libby Schmidt, Project Manager, 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 Precision Agriculture Cost-Share Funding to Murray Tillis. Ms. Schmidt presented this item to the Board.

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

Agenda Item No. 19 – CCR Update. Hugh Thomas, Executive Director, provided an update on the Country Club Road project and meeting update with Mr. Keith and Columbia County Commissioner Toby Witt.

Board Members provided guidance to Mr. Thomas to continue discussions with Columbia County and work toward a final resolution.

WATER AND LAND RESOURCES

Land Management Program

Agenda Item No. 20 - District Land Management & Twin River State Forest (TRSF) Activity Summary. This summary was provided as an informational item in the Board materials.

Agenda Item No. 21 - Upper and Middle Suwannee Tracts Road Repairs. Approved on Consent.

Agenda Item No. 22 – Road Maintenance Discussion. Bill McKinstry, Land Management Chief, and Wri Irby, Land Management Specialist, provided a powerpoint presentation to update the Board on road and hydrologic maintenance on District Lands.

Water Resources Program

Agenda Item No. 23 – Agricultural Water Use Monitoring Report. This report was provided as an informational item in the Board materials.

Water Supply / MFL Programs

Agenda Item No. 24 – MFL Update. Sean King, MFL Office Chief, provided an update to the Board.

Agenda Item No. 25 – Regional Water Use Discussion. Amy Brown, Water Supply Chief, provided a powerpoint presentation regarding Regional Water Use and the Lower Santa Fe and Ichetucknee Rivers and Priority Springs.

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 – Agreement with the Florida Department of Environmental Protection to Accept Grant Funding and Contract with a for Suwannee River Partnership Educational Outreach Campaign. Lindsey Covington, Communications and Outreach Manager, presented this item to the Board

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

Agenda Item No. 28 – Contract with Moore Communications, Inc., for District Lands and Recreation Web Map. Katelyn Potter, Communications and Organizational Development Chief, presented this item to the Board.

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

Agenda Item No. 29 – Springs Protection Awareness Month Proclamation. Mrs. Covington presented this item to the Board.

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

Agenda Item No. 30 – Water Conservation Month Proclamation. Mrs. Covington presented this item to the Board.

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

Agenda Item No. 31 - Announcements. Mr. Thomas updated the Board on District activities.

Agenda Item No. 32 - Governing Board Comments. None

Agenda Item No. 33 - Adjournment. Meeting adjourned at 2:21 p.m.

Chair

ATTEST:

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD WORKSHOP

Workshop began at 2:21 p.m.

Water Management District's Budget Comparison Discussion

Christina Green, Senior Budget and Fiscal Analyst, provided a powerpoint presentation to the Board regarding other water management district's budget analysis.

Workshop Adjourned at 2:31 p.m.

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
MINUTES OF DISTRICT LANDS COMMITTEE MEETING**

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March 9, 2021
Following Board Workshops

District Headquarters
Live Oak, FL

1. Call to Order / Committee Roll Call. Meeting began at 2:32 p.m.

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

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

2. Public Comment. None

General Discussion / Updates.

3. Bailey Brothers Property - Dixie County. Steve Schroeder, Administration Chief, provided an update to the Committee regarding the requested amendments to the conservation easement and the current status of the requests.

Exchanges

4. R.O. Ranch Exchange – Lafayette County. Mr. Schroeder presented this item to the Committee.

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

Land Acquisition / Property Offers

5. Thakor Ashish – Ingress/Egress Easement – Suwannee County. Mr. Schroeder presented this item to the Committee.

Thakor Ashish attended the Lands Committee Meeting.

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

6. Springs Restoration Grant Acquisition Projects. Mr. Schroeder presented this item to the Committee.

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

7. Lasky Tract – Gilchrist County. Mr. Schroeder presented this item to the Committee.

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

8. Suwannee Bluffs Tract - Hamilton County. Mr. Schroeder presented this item to the Committee.

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

Conservation Easement Modification Requests

9. Warner-Harrell Conservation Easement – Suwannee County. Mr. Schroeder presented this item to the Committee.

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

Surplus Lands

10. Newberry Wellfield – Alachua County. Mr. Schroeder presented this item to the Committee.

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

11. Announcements:

12. Adjournment: Meeting adjourned at 3:42 p.m.

Chair

ATTEST:

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: George T. Reeves, Governing Board Legal Counsel

DATE: April 5, 2021

RE: Appeal of Final Order Number 21-003, Seven Springs Water Company v. Suwannee River Water Management District; SRWMD Renewal WUP App. No. 2-041-218202-3; DOAH Case Nos. 20-1329, 20-3581 (Consolidated)

RECOMMENDATION

The Governing Board of the Suwannee River Water Management District (the "District") approve the appeal of the Final Order Number 21-003, Seven Springs Water Company v. Suwannee River Water Management District; SRWMD Renewal WUP App. No. 2-041-218202-3; DOAH Case Nos. 20-1329, 20-3581 (consolidated).

BACKGROUND

On February 23, 2021, the Governing Board held a special meeting to consider and enter a final order on the application of Seven Springs Water Company ("Seven Springs") for a renewal water use permit (the "Renewal Permit") to supply groundwater to Nestle's water bottling facility (the "Facility") in Gilchrist County, Florida. The Governing Board approved the issuance of the final order which directed staff to issue the Renewal Permit. The final order was filed, and the Renewal Permit was issued on February 24, 2021.

The Governing Board issued the final order "under protest" because the District did not agree with the ruling of the Administrative Law Judge that the District could not raise the fact that Seven Springs did not own or control the Facility. By issuing the final order "under protest" the District retained the right to appeal the final order to the District Court of Appeal if it wished. However, under Florida law, if the District was going to appeal the final order, the notice of appeal must be filed within 30 days after the final order was filed or by March 26, 2020 (February 24, 2021 + 30 days = March 26, 2021).

The only Governing Board meeting between the February 23, 2021 special meeting and the running of the appeal period on March 26, 2021 was the Governing Board's March 9, 2021 regular meeting. The Governing Board did not instruct the general counsel to appeal at the March 9, 2021 meeting, so the general counsel was not intending to file the notice of appeal. However, after the March 9, 2021 regular meeting, the District received two petitions for administrative hearing concerning the Renewal Permit. The petitions have since been referred to the Division of Administrative Hearings for the Division to conduct hearings and the issuance of a recommended order.

In the petitions, the petitioners assert that since Seven Springs did not own or control the Facility, the Renewal Permit should not have been issued. These are the same reasons that the Governing Board issued the final order "under protest." All parties have informed me that if they are not successful, they intend to appeal to the District Court of Appeal. Therefore, in any event, it now seems likely that the District will be drawn into an appeal where the issue of Seven Springs lack of ownership and control of the Facility will be raised and argued.

In order to preserve the District's ability to argue these issues in the above appeals, we are required to file a notice of appeal on or before March 26, 2021. This is prior to our next meeting. So, upon consultation with the chair and executive director, the general counsel went ahead and filed the notice of appeal of the final order. This filing was necessary to preserve the District's rights until you could instruct me how you wish to proceed in light of the changes in circumstances which occurred after the last meeting. Additionally, now that the appeal has been filed and the District's rights preserved, the District is filing a motion with the District Court of Appeal requesting the court stay the appeal until the petitions are resolved so that all these issues may be heard by the District Court of Appeal at one time.

As the appeal was filed without the Governing Board's prior approval (due to the circumstances that unfolded after the last Governing Board meeting) the Governing Board must instruct the undersigned whether it wishes to continue with the appeal. The appeal may be dismissed with no prejudice to the District.

However, my recommendation is to allow the appeal to proceed to keep the District's options open at this time. As the petitions proceed before the Division, this issue may be revisited by the Governing Board as the need arises.

/gtr

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Stephen Schroeder, Chief, Office of Administration
THRU: Tim Alexander, Deputy Executive Director, Business and Community Services
DATE: March 26, 2021
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 MARCH 2021

Property Offers							
Owner	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 (JSES)	Conservation Easement	Tabled by Lands Committee 6.11.2019. Offeror has contract for sale of property. On hold.
Lasky	Lasky	351.74	Gilchrist	11.2020	\$855,000	Fee	Being submitted to Lands Committee 3.9.21. Approved for detailed assessment and negotiation by LC 3.9.21. On Governing Board agenda 4.13.21.
Stanis	Suwannee Bluffs (Stanis)	6.8	Hamilton	12.2020	\$62,500	Fee	Being submitted to Lands Committee 3.9.21. Approved for detailed assessment and negotiation by LC 3.9.21. Offer withdrawn by Owner 3.10.21 as they have sold the property.
R.L. Henderson	Telford Springs	94	Suwannee	12.2020	\$1,135,000	Fee	Being submitted to Lands Committee 3.9.21 as a Springs Restoration program acquisition. Approved by LC on Governing Board agenda 4.13.21.
Adams	Adams Tract	231.1	Madison	08.2020	TBD	Fee	Being submitted to Lands Committee 3.9.21 as a Springs Restoration program acquisition. Approved by LC on Governing Board agenda 4.13.21.
Approved for Detailed Assessment							
Owner	Project Name	Acres	County	Submittal Date	Asking Price	Acquisition Type	Comments
McB-Pinehatchee	Steinhatchee North/ RO Ranch West-Equestrian	2950/1,277	Lafayette		Exchange		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. Proposed final offer being submitted to Lands Committee 3.9.21 for recommendation to Governing Board. LC approved offer on Governing Board agenda 4.13.21.
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. Offer submitted. Counter-offer received. Counter-offer raised some title concerns. Title issues clarified through public records research and will be verified through formal title search. Staff is accepting counter-offer and will move forward with assessments and negotiations.
Michael and Freda Shaw	Shaw Conservation Easement Exchange	1,099	Lafayette			Conservation Easement	Negotiations ongoing.
Crosby Lake	Crosby Lake	1,380	Bradford		TBD		Approved for detailed assessment and negotiations 12.8.2020. Staff proceeding with discussions and project assessment including Bradford County and the City of Starke. Staff met with Offeror on 2.25.21 to update on status and timelines. Staff met with County and City staff 3.8.21. Joint meeting of County and City commissions being scheduled possibly April or May.
Camp and Abel	Camp and Abel	266	Hamilton				Approved for detailed assessment and negotiations 12.8.2020. Property being tasked to NFLT for negotiation and assessment.
Pfleiger	Riverbend Estates	1.1	Dixie			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. Draft contract submitted to Counsel for review on 3.3.21.
					Exchange		
Alachua Conservation Trust	Santa Fe Springs (ACT) a/k/a Zow, Graham Springs	282	Columbia		\$139,041	Conservation Easement	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. Draft CE submitted to ACT for review 12.9.2020. ACT comments received and being reviewed. Internal review complete. Will be submitted to legal for final approval. CE submitted for legal review 3.3.21.
Florida Department of Transportation	Quail Heights	40.63	Columbia		\$651,105	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. Lands Committee approved contribution to acquisition costs 11.10.2020. Governing Board approved on consent agenda 12.8.2020. Draft agreement provided by FDOT under review.
Harpo Holdings, LLC	Rio Lindo Conservation Easement	313	Gilchrist		TBD based on appraisal	Conservation Easement	Lands Committee requested additional information at its 11.10.2020 meeting. Requested information submitted at the 12.8.2020 meeting and staff recommendation to proceed with detailed assessments and negotiations was unanimously approved. On Governing Board agenda 1.12.21. Approved by Governing Board on 1.12.21. Discussions underway with seller on due diligence cost sharing. Seller is editing SRWMD Template CE for property. Sellers edits received, being reviewed internally.

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 pending final engineering/project plans. Remediation plan being finalized. Staff continues to develop disposition plans and communication plan relative to surrounding properties. Mr. Thomas reported to the Governing Board at it's 3.9.21 meeting regarding discussions with Columbia County Commissioner and potential disposition of the property.
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: Tim Alexander, Deputy Executive Director, Business and Community Services
DATE: March 26, 2021
RE: R.O. Ranch Exchange with McB-Pinehatchee, Lafayette County

RECOMMENDATION

Approval of the proposed offer for the exchange of R.O. Ranch surplus property with McB-Pinehatchee.

BACKGROUND

In December 2019, the Governing Board authorized staff to enter into negotiations with McB-Pinehatchee for the potential exchange of the previously surplused R.O. Ranch Tract consisting of 1,277 acres for a parcel identified as "Steinhatchee North" belonging to McB-Pinehatchee and consisting of 2,950 acres +/- North Florida Land Trust (NFLT), acting as the agent for the District has engaged in negotiations including obtaining two appraisals on each parcel, reviewing various title issues, and efforts to reconfigure the McB-Pinehatchee Tract to equalize the relative values of the parcels. During this period, NFLT identified existing mineral rights on the McB-Pinehatchee Tract which included rights of exploitation.

An assessment was conducted, and it has been determined that the exploitation and mineral rights are unlikely to be exercised due to the absence of economically beneficial minerals available on the site. McB-Pinehatchee is unwilling to reconfigure the property to equalize the values.

Appraisals of the parcels were conducted by two different appraisers with the average appraised values being as follows:

R.O. Ranch	\$3,025,000 (\$2,369 per acre)
McB-Pinehatchee	\$3,835,500 (\$1,300 per acre)

There is a difference in value between the two appraisals on the McB-Pinehatchee parcel of \$651,000 which is below the threshold of a mandatory review appraisal but is within the discretion of the Board to request a review appraisal.

Staff has made a tentative offer to McB-Pinehatchee subject to approval by the Governing Board, as follows:

Exchange of all of the R.O. Ranch surplus (1,277 acres +/-) for all of the McB-Pinehatchee parcel (2,950 acres +/-) together with the payment of \$426,950 from the District.

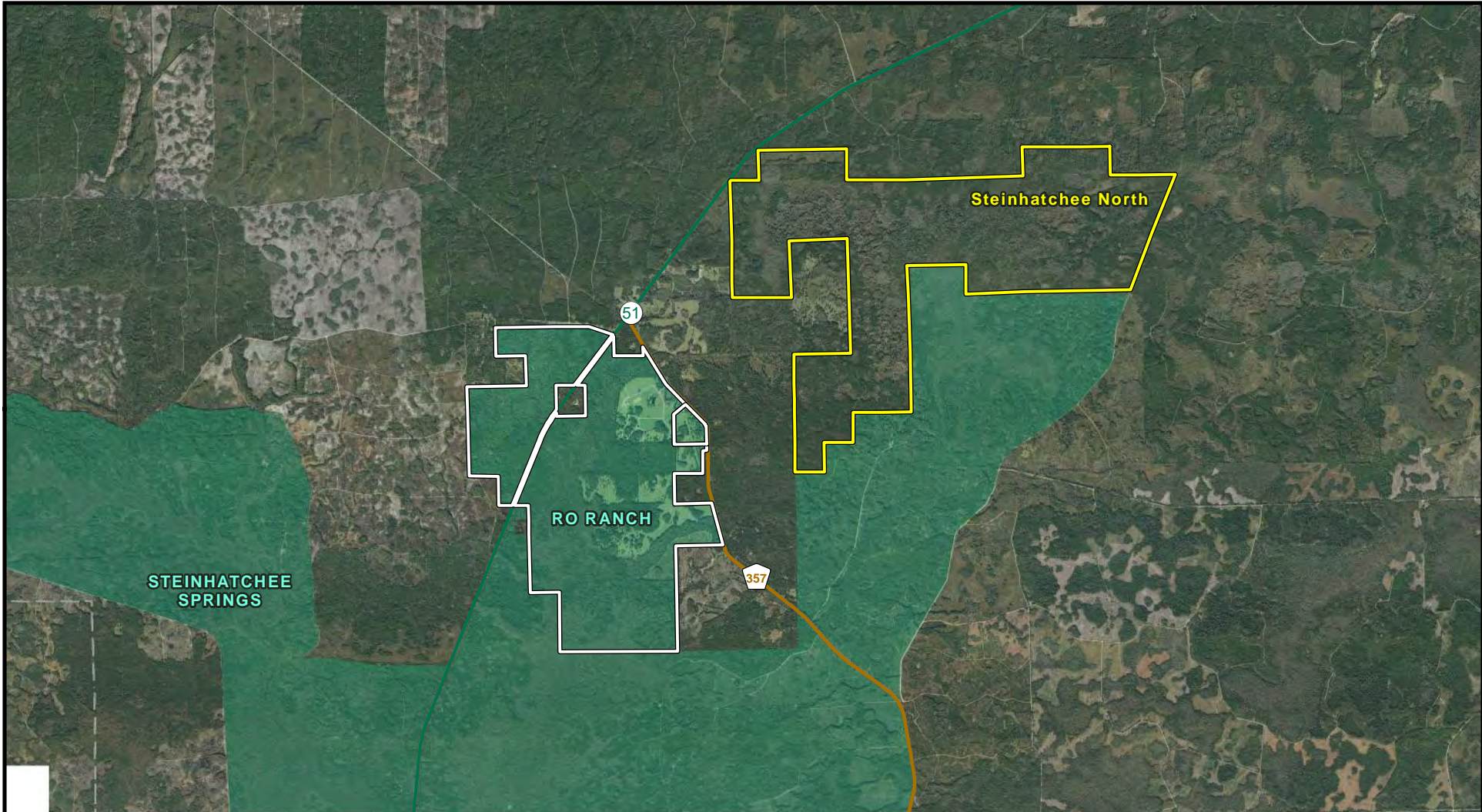
The offer is contingent on approval by the Governing Board and may include a requirement for a review appraisal. Additionally, the final exchange will be contingent upon a satisfactory Phase 1 Environmental Site Assessment and a satisfactory title search.




Staff developed the offer by subtracting the average of the R.O. Ranch appraisals (\$3,025,000) from a figure representing 90% of the average for the McB-Pinehatchee appraisals (\$3,451,000). This provides a cash difference of \$426,950 to be paid by the District. In considering the offer, staff determined that the District would be acquiring an additional 1,673 acres +/- within the acquisition. Staff also considered that at present, the District is spending approximately \$30,000 annually in maintenance costs on the R.O. Ranch Tract which includes utilities, mowing, building, and trail maintenance. Staff also considered that the lack of use of the buildings and other facilities is leading to degradation of the facilities and additional expenditures will be required to restore the facilities for use.

In terms of the total exchange values, the District would be acquiring 2,950 acres +/- of primary wetlands with some potential for future timber operations for the total cost of \$3,451,950 or \$1,170.15 per acre.

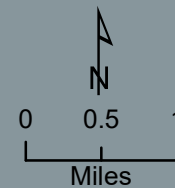
At the March 9, 2021 meeting, the Lands Committee unanimously approved the staff recommendation and declined to require a review appraisal. Copies of the context map and summary maps of both parcels are attached.

SCS/tm
Attachments
File #19-010



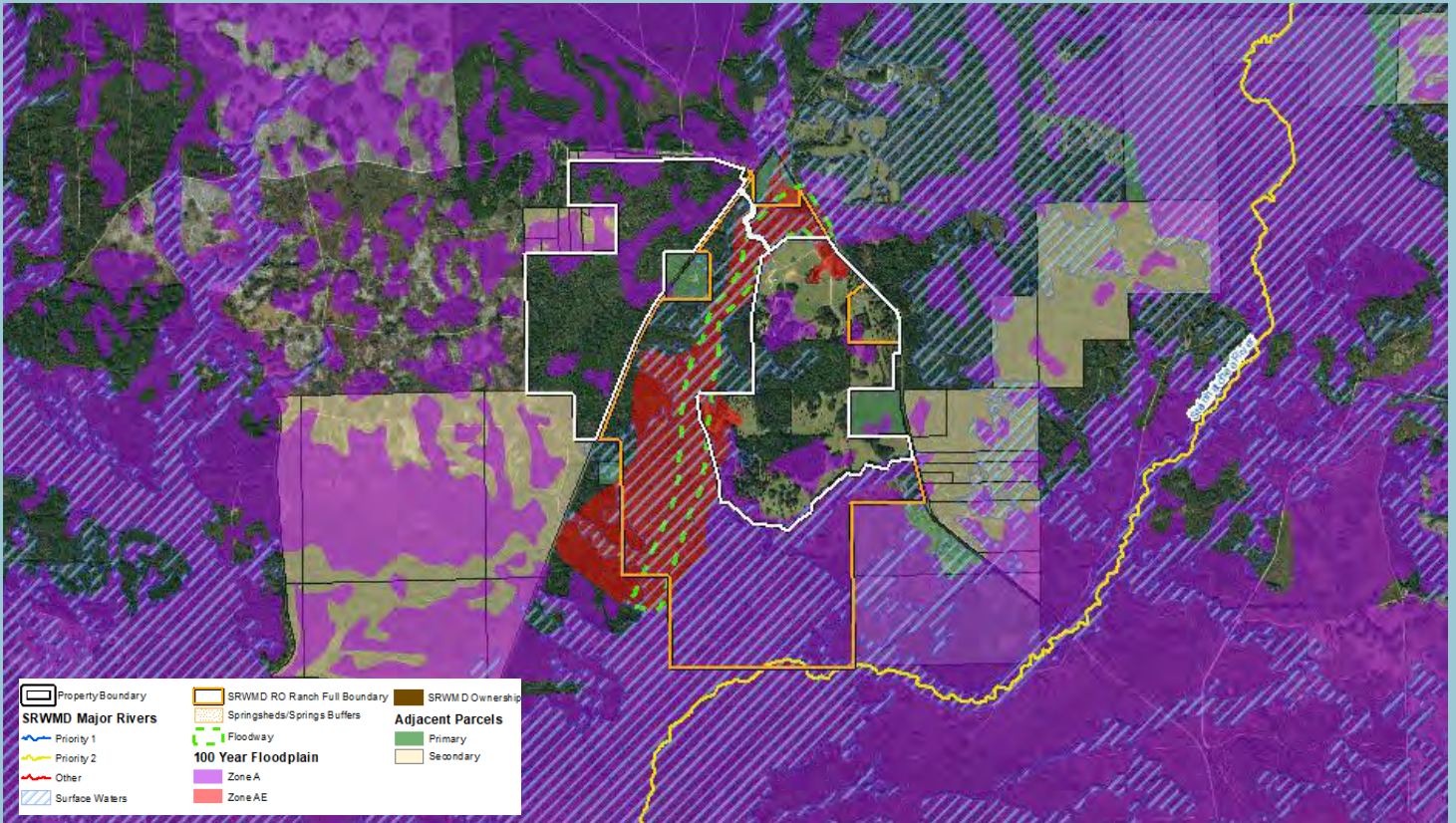
-  Steinhatchee North Boundary
-  RO Ranch Boundary
-  SRWMD Ownership

RO Ranch & Steinhatchee North Lafayette County



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 9/27/2019

Suwannee River Water Management District Triage Analysis Results



Property Name: RO Ranch Surplus

Date: 10/30/19

Acreage: ± 1277

County: Lafayette

Transaction Type: Exchange

Surface Water Protection-

Major River? (N)

Riverine Surface Waters? (Y) [± 68 ac]

Springs Protection -

Within Springshed or springs buffers?
(N)

Adjacency

(Y)

Flood Protection-

Floodway? (Y) [± 9 ac]

10 Year Floodplain? (N/A)

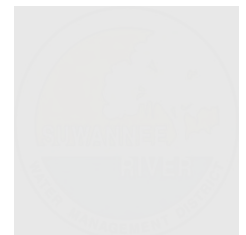
100 Year Floodplain? (Y) [± 327 ac]

Miscellaneous:

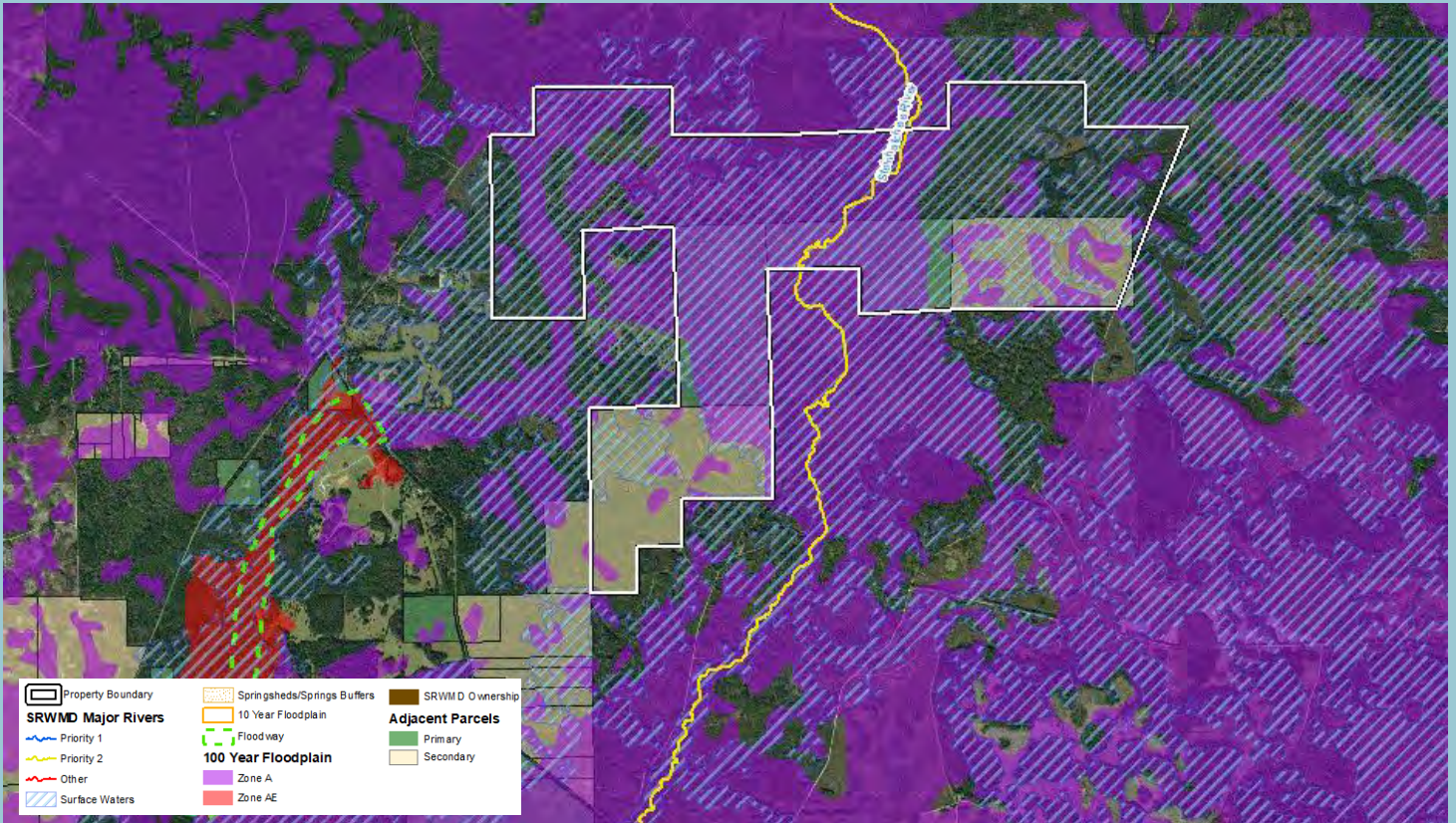
PFA? (N)

WRCA? (N)

BMAP? (N)



Suwannee River Water Management District Triage Analysis Results



Property Name: Steinhathee North

Date:

Acreage: 2,950

County: Lafayette

Transaction Type: Exchange

Surface Water Protection-

Major River? (Y) [Steinhathee - Priority 2]

Riverine Surface Waters? (Y) [± 2336 ac]

Springs Protection -

Within Springshed or springs buffers? (N)

Adjacency

(Y) [Priority 1 & 2 Mixed]

Flood Protection-

Floodway? (N)

10 Year Floodplain? (N/A)

100 Year Floodplain? (Y) [± 1,627 ac]

Miscellaneous:

PFA? (N)

WRCA? (N)

BMAP? (N)



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

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

DATE: March 26, 2021

RE: Thakor Ashish Ingress/Egress Agreement, Suwannee County

RECOMMENDATION

Authorize staff to enter into a temporary, revocable license with an adjoining property owner, Thakor Ashish, to permit ingress/egress over the District-owned Christian Tract in Suwannee County to his adjoining property.

BACKGROUND

The District has received a request from Mr. Thakor Ashish for the acquisition of an ingress/egress easement over the Christian Tract in Suwannee County. Mr. Ashish is the owner of a 20 acres +/- parcel that abuts the Christian Tract. Mr. Ashish did not acquire his parcel from the District and was aware at the time of his acquisition that he did not have legal access to the parcel. He has previously requested an easement from the District and was denied based on not having acquired an easement over another privately-owned parcel through which his access to the Christian Tract would pass. The private homeowner has agreed that he will grant access to Mr. Ashish in the same manner as is granted by the District. Mr. Ashish is again requesting that the District grant him an easement for access to his parcel over a District-maintained firebreak on the Christian Tract. The firebreak is not a designated roadway and is not maintained for vehicular traffic.

Staff has documented violations of posted District access rules by the applicant and has received reports from other landowners of additional violations. After reviewing Mr. Ashish's request and considering his prior conduct, staff is recommending that he be granted a temporary license to use the firebreak for access to his parcel on the following conditions:

1. That the licensee shall install and maintain, to District standards, a gate and lock at the beginning of the firebreak which shall be intended to prevent access by other individuals using vehicles. This will not prevent permissible uses such as hiking, bicycling, and equestrian activities on the Christian Tract.
2. That the use be limited to the licensee and those in his immediate company.
3. That the use be limited to one (1) ATV or UTV at any given time.
4. That the use is limited to ingress and egress from his parcel only.
5. That the license is limited to the licensee only, is non-assignable and does not run with the land.
6. That the license is revocable upon violation by the licensee of any of the terms of the license; and
7. That the District will have no obligation to maintain the licensed access in any manner beyond its historical level of maintenance.

Staff further recommends that Mr. Ashish be permitted to re-apply for an easement after a period of one year.

At the March 9, 2021 meeting, the Lands Committee unanimously approved the staff recommendation. A copy of the request and a general map of the parcels are attached.

SCS/tm
Attachments
File #008-00393

Suwannee River Water Management
US 90 Highway 49
Live Oak, FL 32060

December 11, 2020

RE: Ashish Thakor Easement

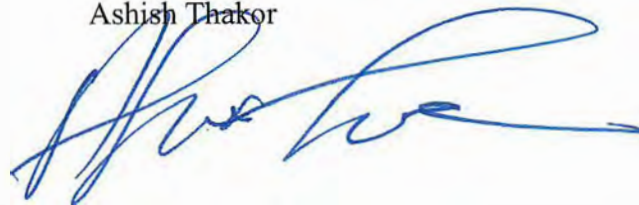
Dear Mr. Steve Schroeder,

I am formally requesting that I be allowed to have an ingress/egress easement across the property owned by the Suwannee River Water Management, Suwannee County Parcel ID # 20-03S-11E-11780-000000, so I can access my property Suwannee County Parcel ID # 20-03S-11E-11782-000000 which is currently landlocked. I will maintain the easement with care and not cause any misuse or damage to the property owned by the Suwannee River Water Management.

In advance, thank you for your help with this matter.

Sincerely,

Ashish Thakor



RECEIVED

DEC 11 2020

Suwannee River Water
Management District

GRAY, ACKERMAN & HAINES, P.A.

BRYCE W. ACKERMAN*
STEVEN H. GRAY
TIM HAINES

ATTORNEYS AT LAW
125 NE FIRST AVENUE, SUITE 2
OCALA, FLORIDA 34470-6675
352-732-8121
FAX 352-368-2183

**Board Certified in Civil Trial Law &
Business Litigation*

BACKERMAN@GAHLAW.COM

May 15, 2020

VIA EMAIL: rjplaw@windstream.net

Ryan J. Peters, Esq.
110 A Parshley Street
Live Oak, FL 32064

**RE: ASHISH THAKOR V. MICHAEL L. DUFFY AND BECKY K. DUFFY
OUR FILE NO.: 20-2078**

Dear Mr. Peters:

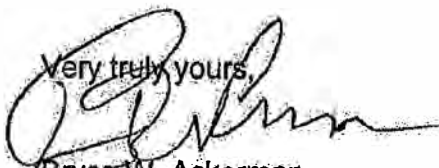
I am sorry we have been unable to connect by telephone.

My clients are prepared to cooperate with Mr. Thakor in his efforts to obtain access to his property. Mr. and Mrs. Duffy will grant Mr. Thakor access over a ten (10) foot wide parcel connecting to the cul de sac. The exact location of the access will be determined by survey at a later date. Your client would bear the costs of the survey.

The right to access or to cross my clients' property is contingent upon Mr. Thakor obtaining easement, license, or permission from the Suwannee River Water Management District to cross its property in order to access his property. Upon receipt of copies of the easement or agreement Mr. Thakor enters with the Suwannee River Water Management District we will prepare an agreement or an easement on the same terms and conditions as that granted by Mr. Thakor by the water management district. The right to access would terminate if the water management district terminated the access they provided to Mr. Thakor.

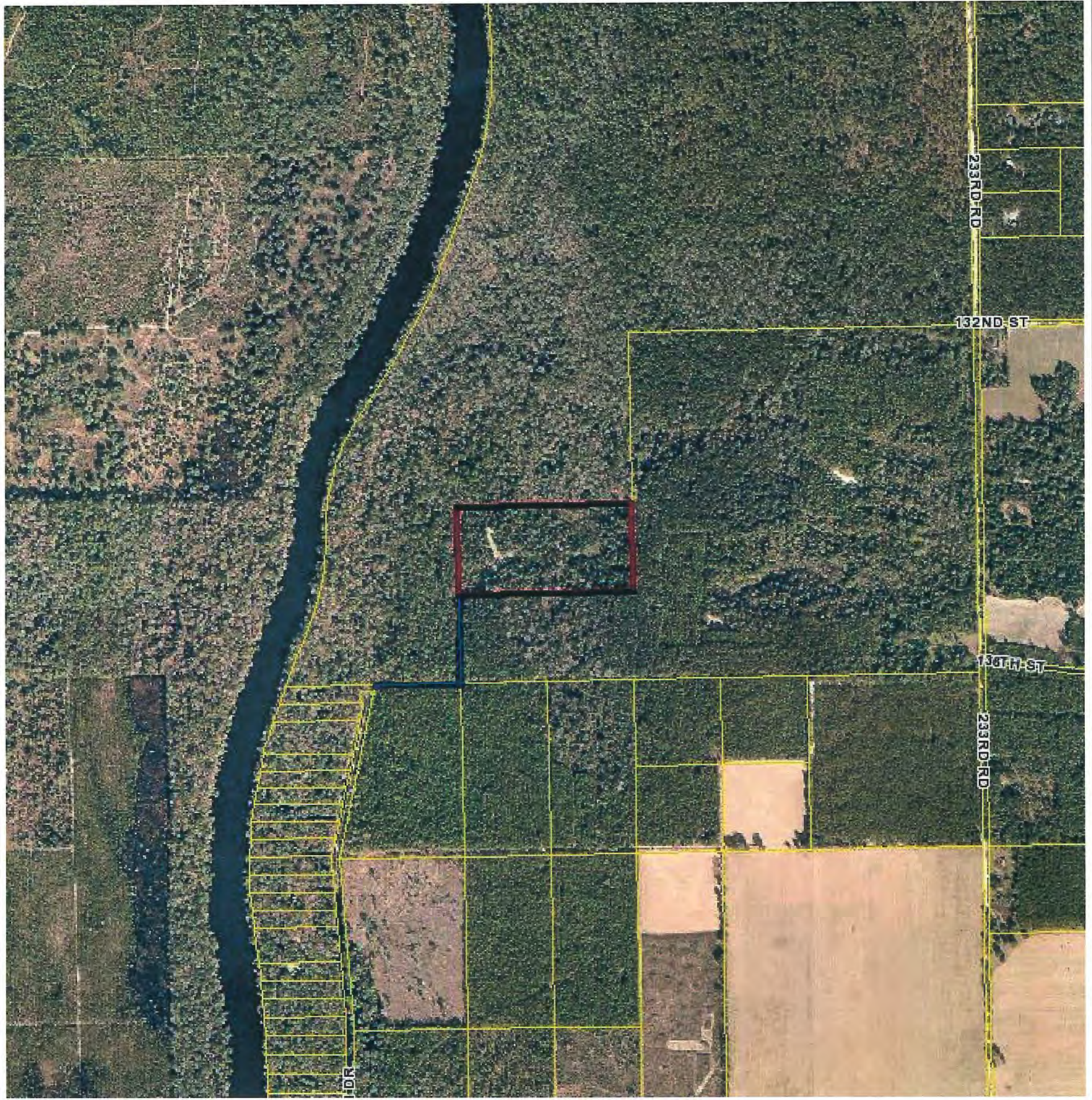
After you have had an opportunity to review this matter, and consult with your client, I would appreciate your thoughts.

Very truly yours,



Bryce W. Ackerman
For the Firm

BWA/jav
cc: Michael & Becky Duffy



Suwannee County Property Appraiser

Lamar Jenkins, CFA - Live Oak, Florida - 386-362-1385



PARCEL: 20-03S-11E-11782-000000 - TIMBERLAND 70-79 (5600)
 LEG 20.00 ACRES N1/2 OF SE1/4 OF SW1/4 ORB 1899 P 242-43 WD YR 2016

Name: THAKOR ASHISH

Site:
 Mail: 419 DUVAL ST
 LIVE OAK FL 32064

Sales 12/1/2015
 Info 8/1/1989

\$25,000.00 V
 \$16,500.00 V

2020 Certified Values

Land	
Bldg	
Assd	\$6,000.00
Exmpt	\$0.00
Taxbl	

NOTES:



This information, updated: 11/30/2020, was derived from data which was compiled by the Suwannee County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

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SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

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

DATE: March 26, 2021

RE: Lasky Tract Acquisition, Gilchrist County

RECOMMENDATION

Authorize staff enter into detailed assessment and negotiations for the acquisition of a fee interest in 351.74 acres +/- on the Lasky Tract in Gilchrist County.

BACKGROUND

In November 2020, the District received an offer to sell a fee interest in a parcel of real property located in Gilchrist County identified as the Lasky Tract. The offeror proposed a price of \$855,000, which is negotiable and dependent upon appraisals.

The parcel is adjacent to the District-owned Nature Coast Tract and includes approximately one mile of river frontage. The parcel is located within the Fanning Manatee Priority Focus Area, the Eastern Water Supply Planning Area, and the Suwannee Basin Management Action Plan. The parcel is 100% within floodway. The parcel is also 100% within the Fanning Springs Springshed and contains 40 acres +/- of riverine surface water. The parcel is partially within the District's Florida Forever Workplan.

After initial review, land management staff conducted a site visit and determined that the parcel has a highly used road through the property that leads to the riverbank. Visual inspection revealed household dumping has occurred on the parcel including discarded appliances and furniture. Due to the flooding potential, staff believes debris are subject to being washed into the river. Further, staff identified damage caused by vehicles and boat launching on the riverbank.

Staff identified that initial management issues will include controlling access to the property to prevent further dumping and damage to the parcel, and a cleanup of existing refuse which will be of minimal cost. Open access will remain from the District's adjacent tract to the South which is more controlled and would eliminate further dumping.

Staff believes that ownership by the District will protect the river water quality by cleaning up and preventing future dumping on the property, will prevent further development within the floodway, and protect the riverbank from further damage. Additionally, District ownership will increase public recreational opportunities on the parcel, provide opportunity for longleaf pine restoration, and potential future timber harvesting.

Discussions with the offeror have concluded that there is no interest in reconfiguring the parcel or selling a conservation easement. The owner has agreed that if the Phase 1 Environmental Site Assessment (ESA) recommends a Phase 2 ESA he will consider paying for the Phase 2 but reserves the right to withdraw the offer.

At the March 9, 2021 meeting, the Lands Committee unanimously approved the staff recommendation. A copy of the offer, adjacency, summary, and LiDAR maps are attached.

SCS/tm
Attachments
File #2021-003

**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 ___*)
Name: _____
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: _____ Date: _____
Owner Signature: _____ Date: _____

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

Improvements: _____

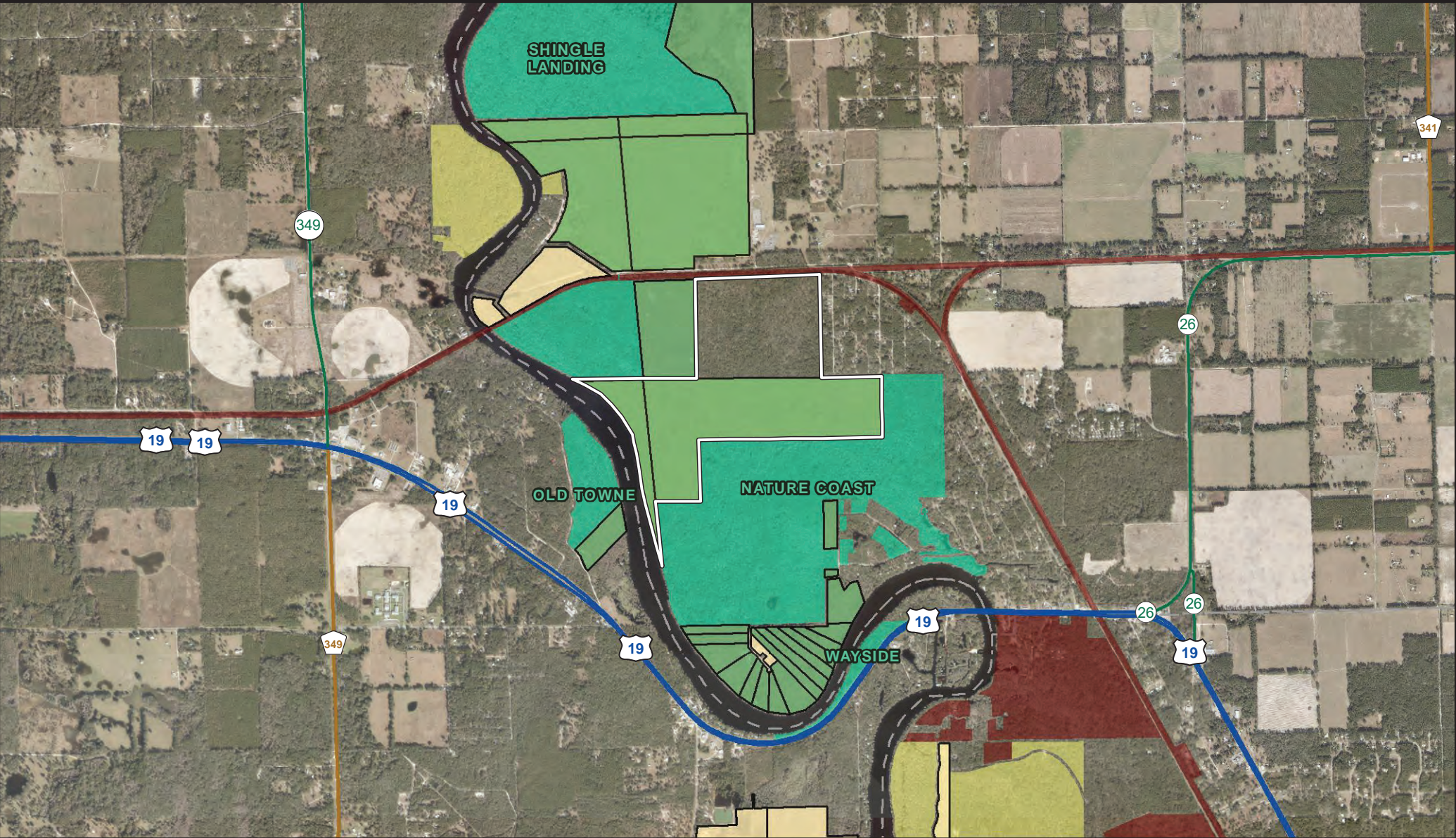
In addition, please provide an aerial, survey, or map identifying property boundaries and a copy of the Deed.





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.*)



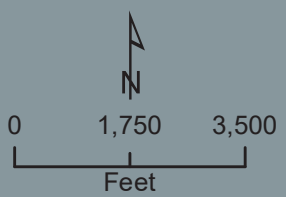


-  Property Boundary
-  SRWMD Ownership
-  Other Public Ownership
-  SRWMD Proposed Acquisitions

Adjacent Parcels Ranking

-  Primary
-  Secondary

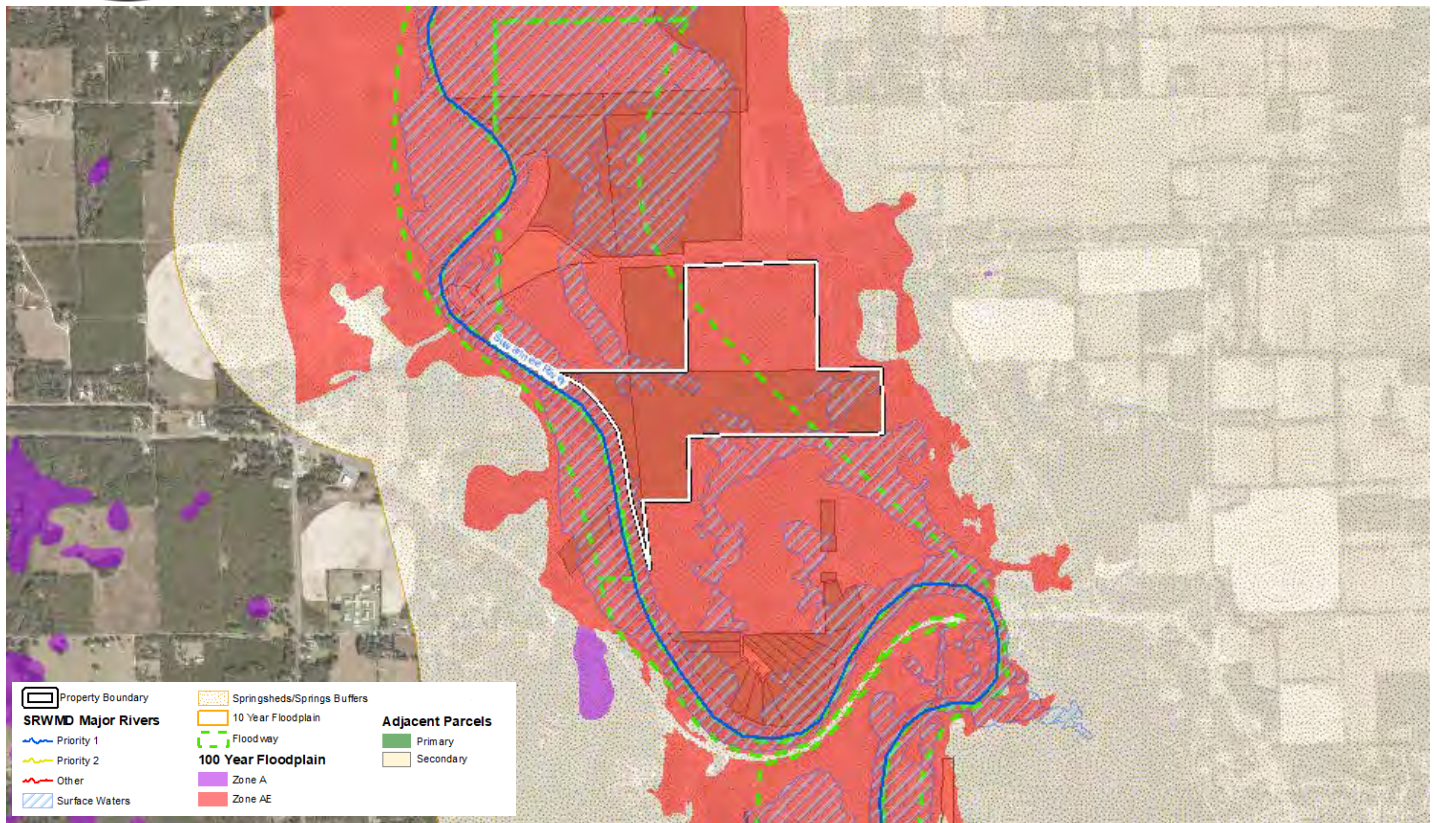
**Lasky Property
± 351.74 Ac
Gilchrist County**



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 12/8/2020



SUWANNEE TRIAGE ANALYSIS RESULTS



Property Name: Lasky Property

Date: 12/10/2020

Acreage: ± 351.74 ac

County: Gilchrist

Transaction Type: Acquisition

Florida Forever: Partial

Surface Water Protection

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

Riverine Surface Waters: (Y) [± 40 ac]

Flood Protection

Floodway: (Y) [± 188 ac]

10 Year Floodplain: (Y) [± 207 ac]

100 Year Floodplain: (Y) [± 351.74 ac]

Springs Protection

Springshed: (Y) [Fanning Springshed] [± 351.74 ac]

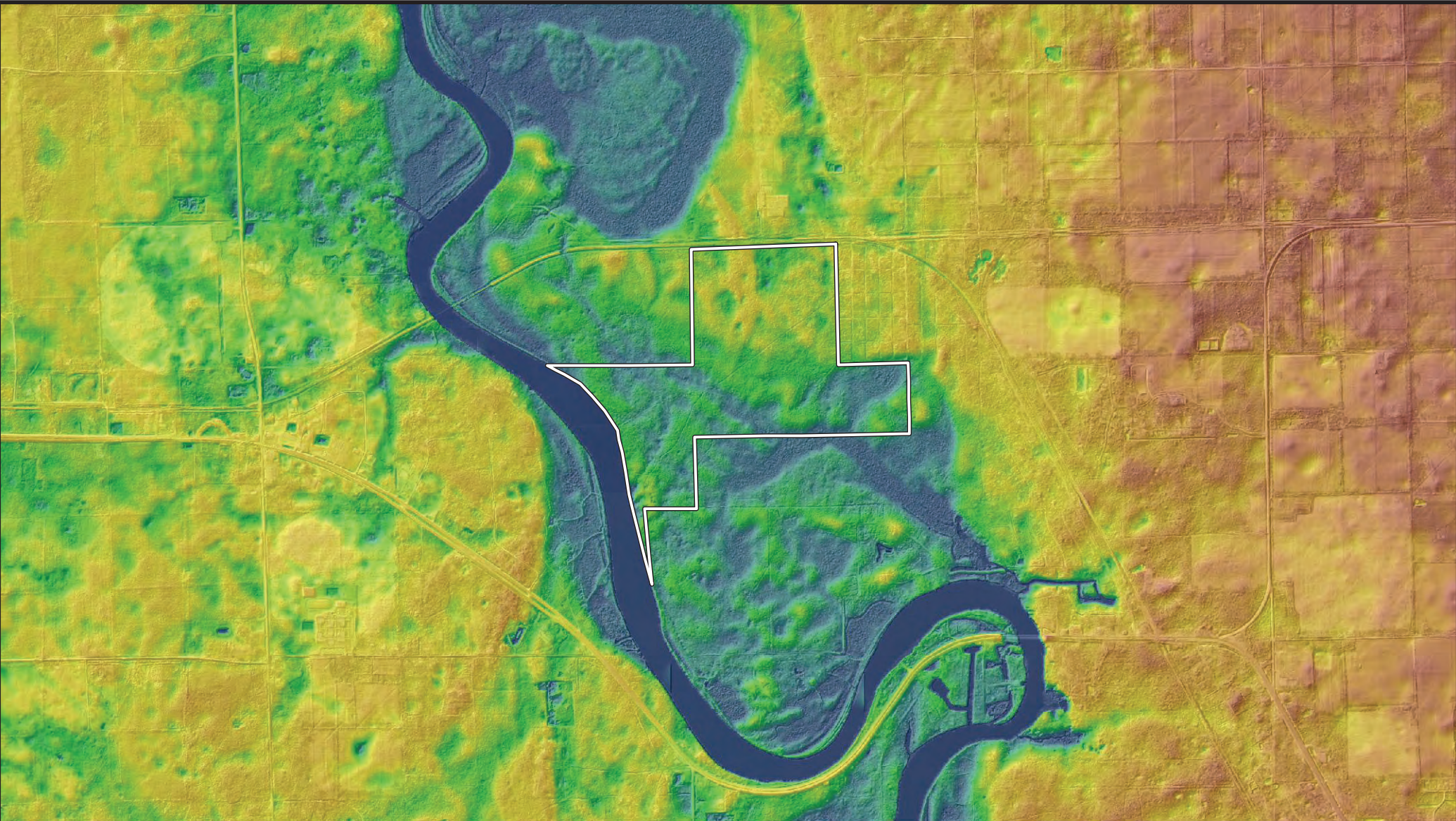
Adjacency: (Y) [Partial]

Miscellaneous



PFA: (Y) [Fanning Manatee]

WSPA: (Y) [Eastern]

BMAP: (Y) [Suwannee]



Lasky Property Property Offer LIDAR

 Property Boundary
 Bare Earth Elevation
 High : 44
 Low : 0



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 12/8/2020

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Stephen Schroeder, Chief, Office of Administration

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

DATE: March 26, 2021

RE: Warner-Harrell Conservation Easement Amendment, Suwannee County

RECOMMENDATION

Approval of an amendment to the conservation easement on the Warner-Harrell Tract in Suwannee County for a limited time and limited purposes.

BACKGROUND

In October 1999, the District acquired a conservation easement (CE) on 912 acres +/- identified as the Warner-Harrell Tract in northwest Suwannee County. The CE was subsequently amended to permit construction of cabins and removal of other structures on the parcel. In October 2020, the District received an inquiry from the Florida Department of Environmental Protection seeking guidance regarding a request to construct steps into "Burnice Sink" located on the property.

The District determined that the CE, as amended, would not permit such construction. After several follow-up communications with the owner's representatives, a request was made to amend the CE to permit construction of steps into the sink. The representative explained that divers are currently exploring the cave system that connects to Burnice Sink and they want to construct steps into the sink to protect the side of the sink from further erosion and damage.

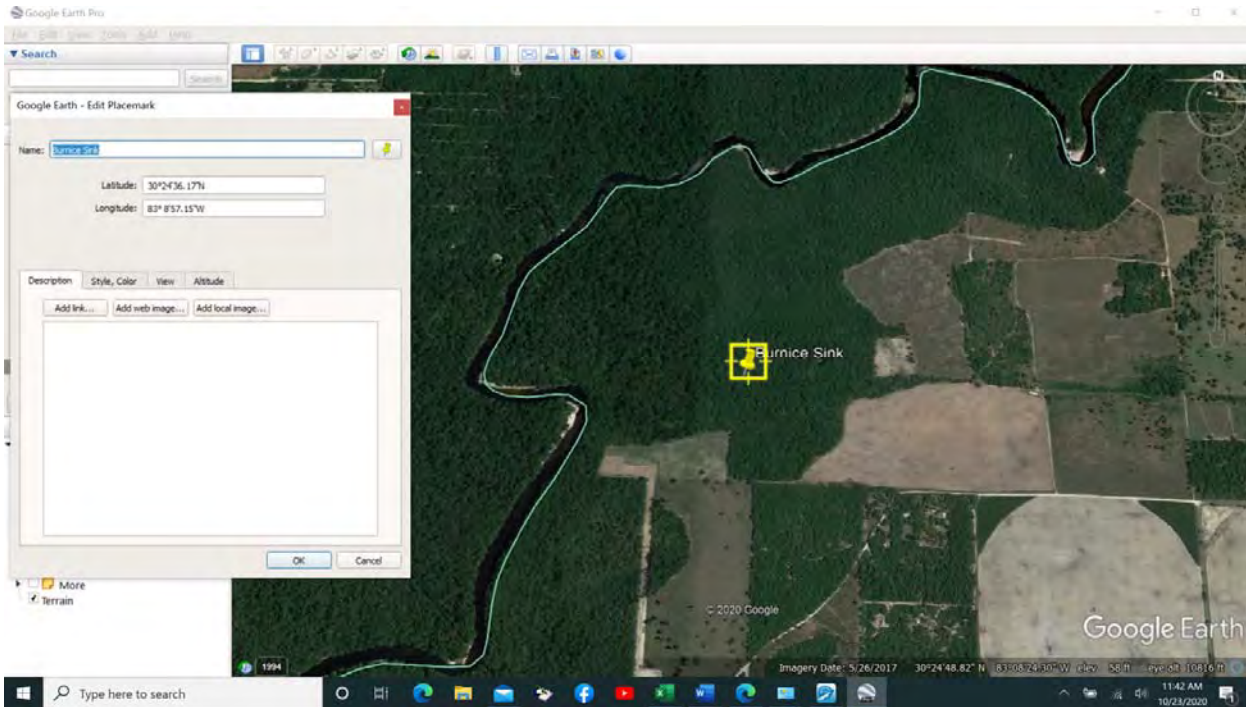
After reviewing the request, staff determined that it is in the best interest of the District to grant an amendment limited in both time and scope of use in order to protect the existing natural resource while also furthering scientific and geological knowledge. Staff is recommending that the CE be amended for a period not to exceed 10 years, that the steps be constructed in a manner that maximizes protection of the sides of the sink while also minimizing the direct impact on the sides. Additionally, use will be restricted to scientific/exploration use only; recreational and other private uses will be prohibited. The owner has agreed to absorb all costs associated with the amendment and has agreed to the stated terms. The owner will be required to obtain all required permits at its own expense. The District's Land Management staff will include monitoring compliance with the amendment as part of its CE monitoring plan.

At the March 9, 2021 meeting, the Lands Committee unanimously approved the staff recommendation. A copy of the e-mail chain with the owner's representative, triage maps, and summary maps of the parcel are attached.

SCS/tm
Attachments
File #98-013

Schroeder, Stephen

From: Howard <howardnsmith@hotmail.com>
Sent: Thursday, December 10, 2020 4:36 PM
To: Schroeder, Stephen
Subject: RE: Conservation Easement Amendment



I understand that we will be responsible for all costs incurred and that we will be notified of the amount before it is started.

Howard Smith

From: [Schroeder, Stephen](#)
Sent: Thursday, December 10, 2020 3:57 PM
To: [Howard](#)
Subject: RE: Conservation Easement Amendment

Mr. Smith

Please provide a map of the property showing the approximate location of the sink in question. Also please acknowledge that if we pursue an amendment to the conservation easement, you (or the landowner) will be required to pay all costs associated with the amendment, including staff time and legal fees incurred.

I have had several internal discussions regarding your request and hope to get a chance to discuss it with my boss this afternoon or early next week. We are exploring not only the amendment but other, temporary solutions that we may be able to agree too. I am out of the office on Friday but feel free to call me Tuesday if you haven't heard from me by 1 o'clock.

Steve

Stephen Schroeder
Office of Administration Chief
Suwannee River Water Management District
9225 CR 49, Live Oak, FL 32060
386.362.1001
386.362.1056 (fax)
386.362.0445 (direct)
Stephen.Schroeder@srwmd.org
www.mysuwanneeriver.com

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

Under Florida law, email addresses are public records. If you do not want your email address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.



From: Howard <howardsmith@hotmail.com>
Sent: Tuesday, November 17, 2020 5:04 PM
To: Schroeder, Stephen <Stephen.Schroeder@srwmd.org>
Subject: RE: Conservation Easement Amendment

Hi Stephen,
Below is the information requested.
I am not sure how much information is required.
Let me know if photo, sketch or whatever is needed and I will do my best to get it.
Thanks again for your help.
Howard

6.0 Amendment Information Requirements:

1. New construction to be allowed for steps into Burnice Sink.
2. build 3ft. wide steps down the bank into Burnice Sink.
3. No impact other than reduce bank erosion.
- 4.
5. To stop erosion from foot traffic into Burnice Sink.
6. All costs (labor and materials) will be donated.
- 7.
- 8.
9. Reduce land erosion into Burnice Sink.
- 10.

From: [Schroeder, Stephen](mailto:Stephen.Schroeder@srwmd.org)
Sent: Tuesday, November 17, 2020 3:06 PM
To: howardsmith@hotmail.com
Subject: Conservation Easement Amendment

Mr. Smith

Attached is the Directive I mentioned. Please review and feel free to contact me with any questions you may have. The request for amendment may be sent to me directly and I will get the process started.

Thank you

Stephen Schroeder
Office of Administration Chief
Suwannee River Water Management District
9225 CR 49, Live Oak, FL 32060
386.362.1001
386.362.1056 (fax)
386.362.0445 (direct)
Stephen.Schroeder@srwmd.org
www.mysuwanneeriver.com

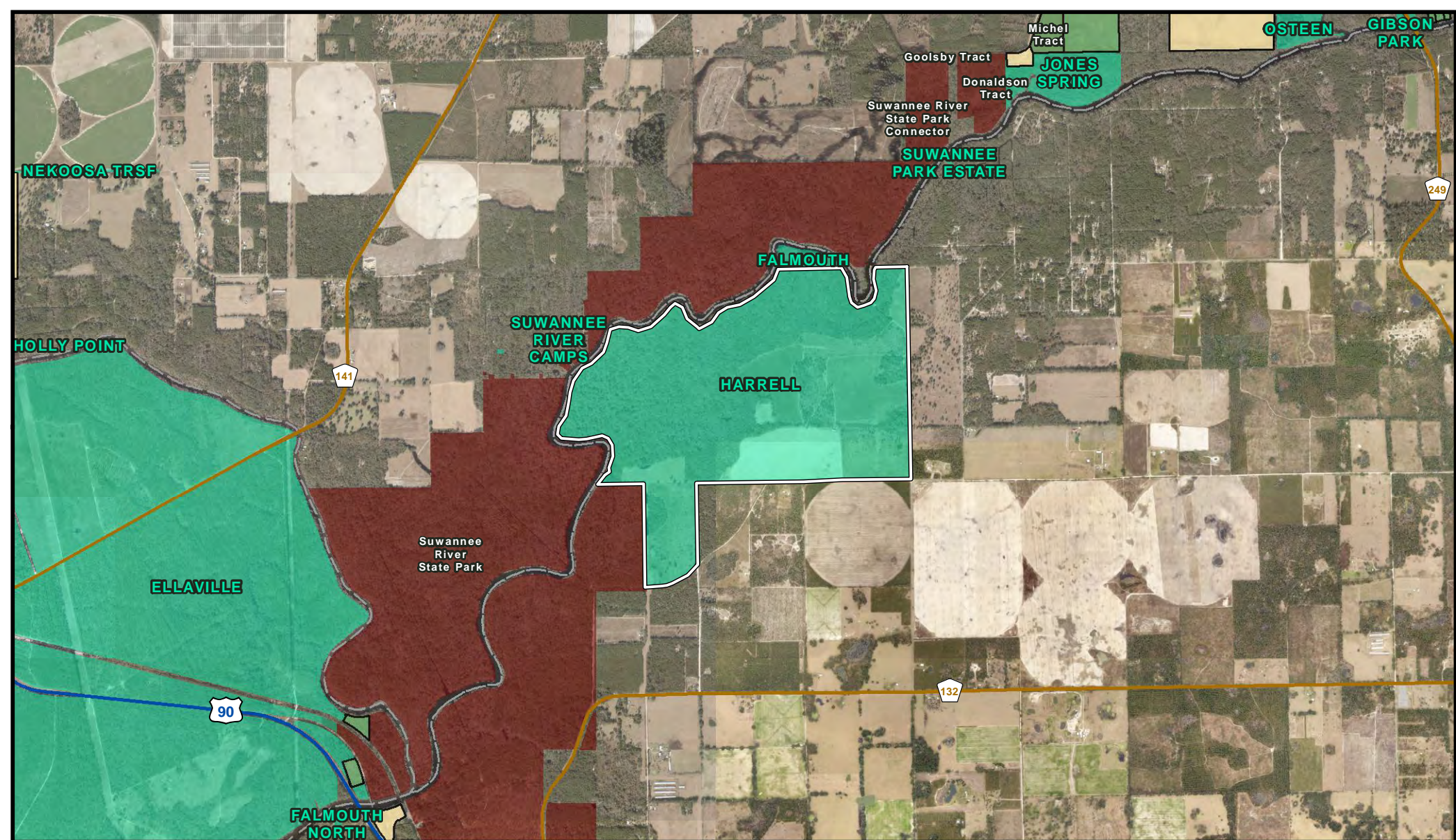
Individuals lobbying the District must be registered as lobbyists (Section 112.3261, Florida Statutes).




Under Florida law, email addresses are public records. If you do not want your email address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.





All E-mail sent to and from this address may be public records. The Suwannee River Water Management District does not allow use of the District E-mail system and other equipment for non-business related purposes.

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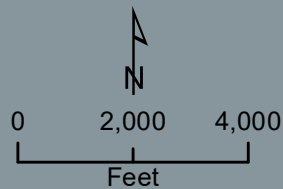
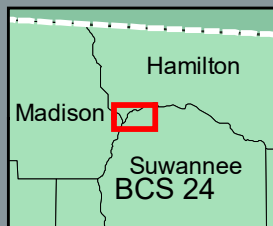


-  Property Boundary
-  SRWMD Ownership
-  Other Public Ownership

Adjacent Parcels Ranking






-  Primary
-  Secondary

Harrell CE
 ± 912 Ac
 Suwannee County

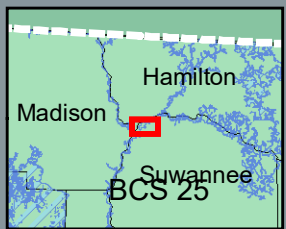


Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee 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 12/17/2020

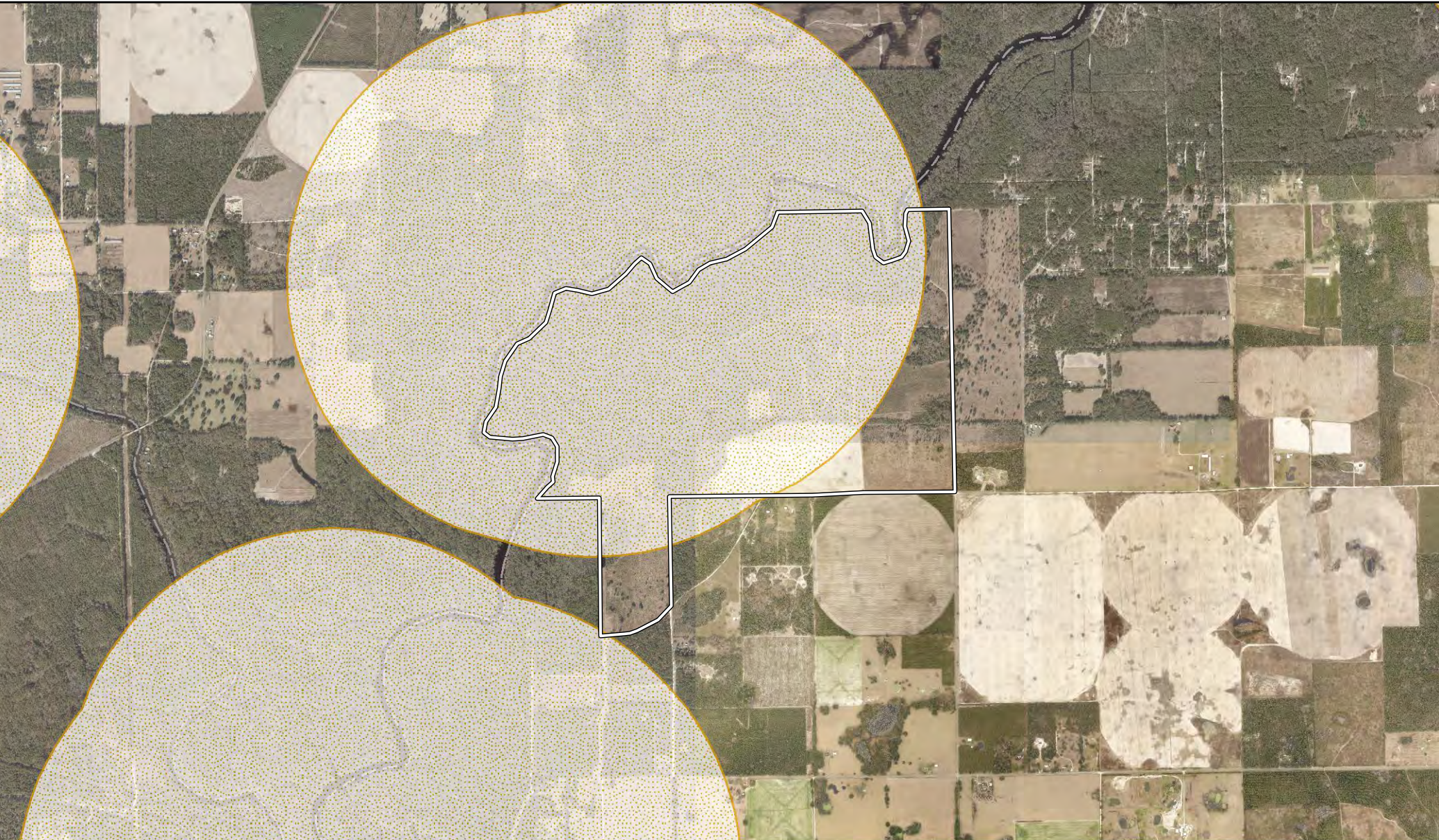


-  Property Boundary
- SRWMD Major Rivers**
-  Priority 1
-  Priority 2
-  Other
-  Surface Waters (Riverine)



Harrell CE Property Offer Surface Water Protection

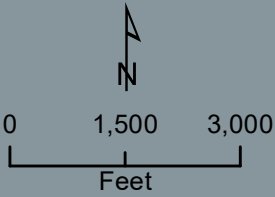


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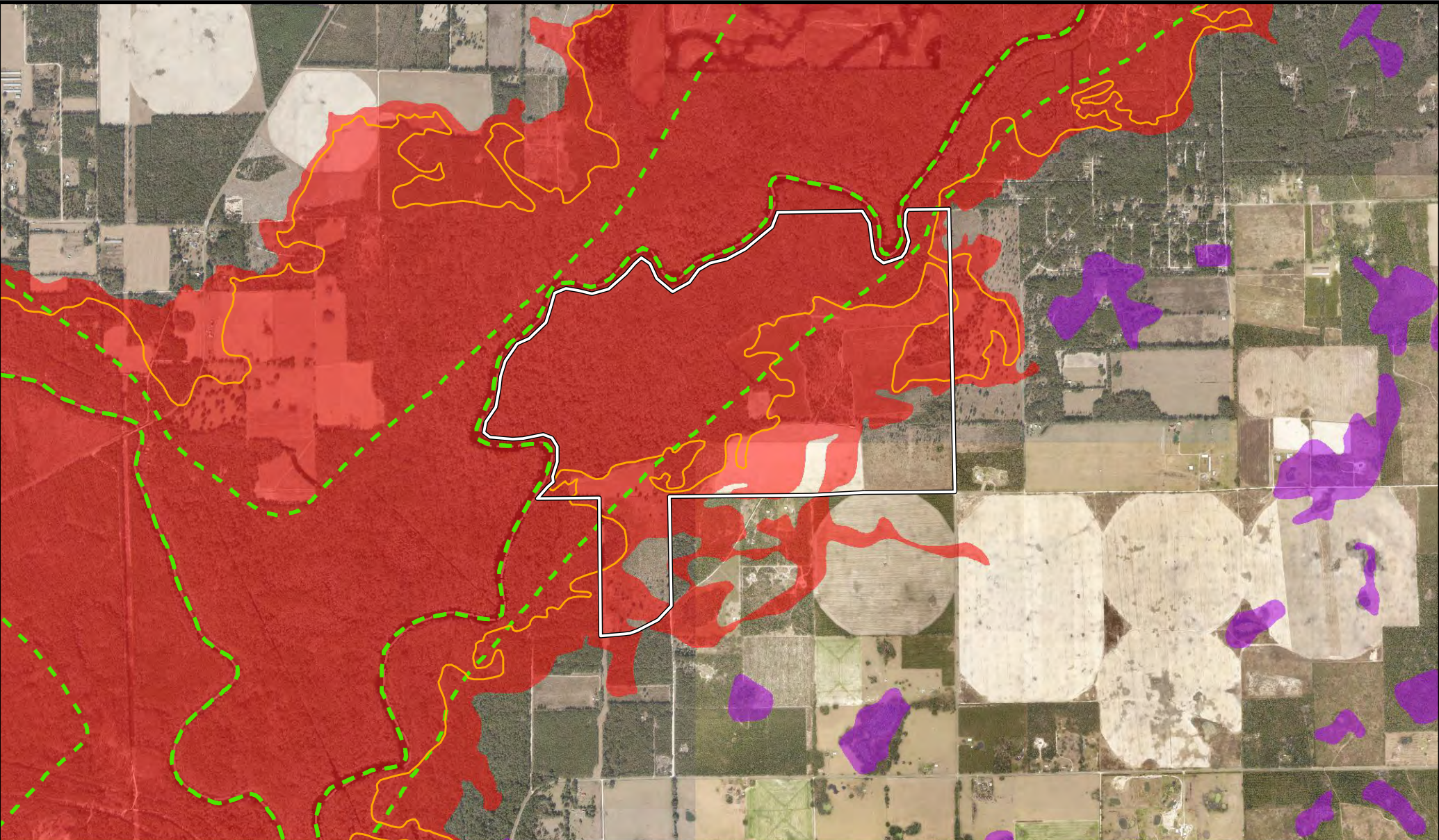


Harrell CE Property Offer Springs Protection

-  Property Boundary
-  Springs Protection

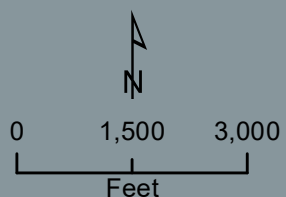
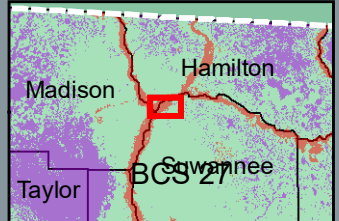


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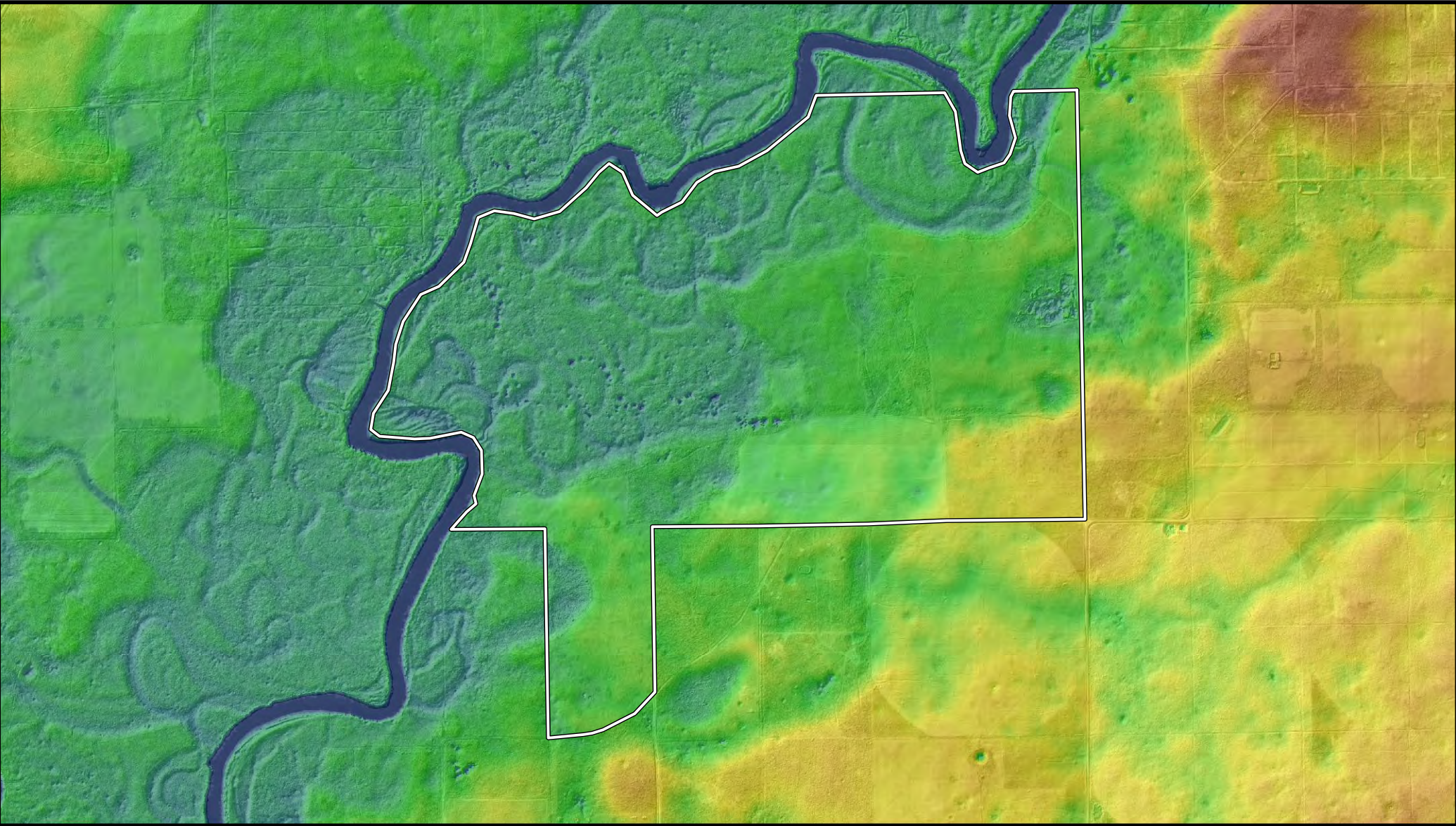


Harrell CE Property Offer Floodplain Protection

-  Property Boundary
-  10 Year Floodplain
-  Floodway
- 100 Year Floodplain**
-  Zone A
-  Zone AE



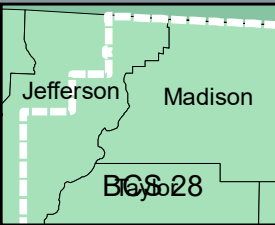
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**Harrell CE
Property Offer
LIDAR**

 Property Boundary

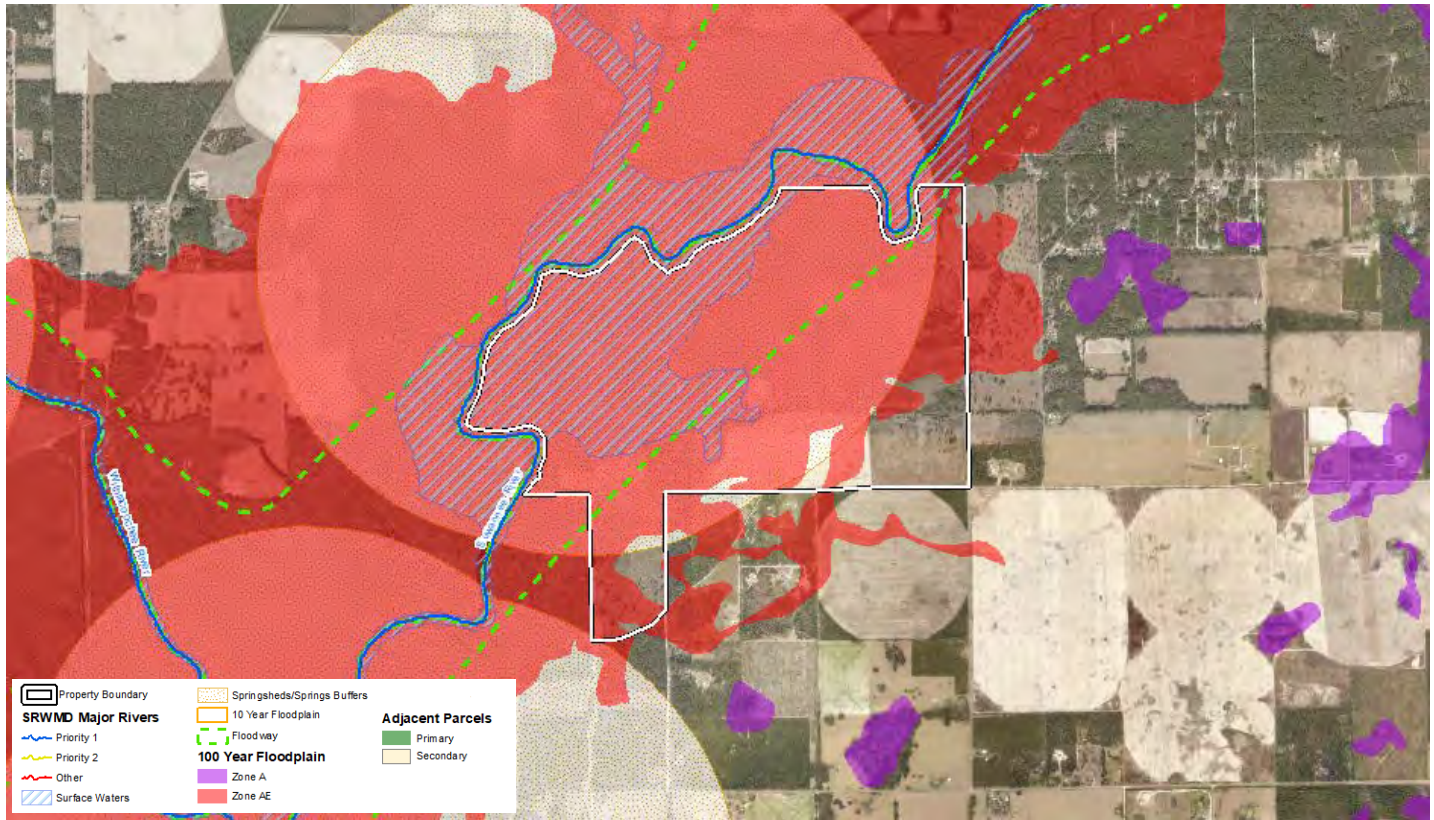
Bare Earth Elevation
 - High : 126.28
 - Low : 27.9



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SUWANNEE TRIAGE ANALYSIS RESULTS



Property Name: Harrell CE

Date: 01/14/2021

Acreage: ± 912 ac

County: Suwannee

Transaction Type: CE Amendment

Florida Forever: No

Surface Water Protection

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

Riverine Surface Waters: (Y) [± 300 ac]

Flood Protection

Floodway: (Y) [± 466 ac]

10 Year Floodplain: (Y) [± 524 ac]

100 Year Floodplain: (Y) [± 811 ac]

Springs Protection

Springshed: (Y) [Springs Buffer] [± 725 ac]

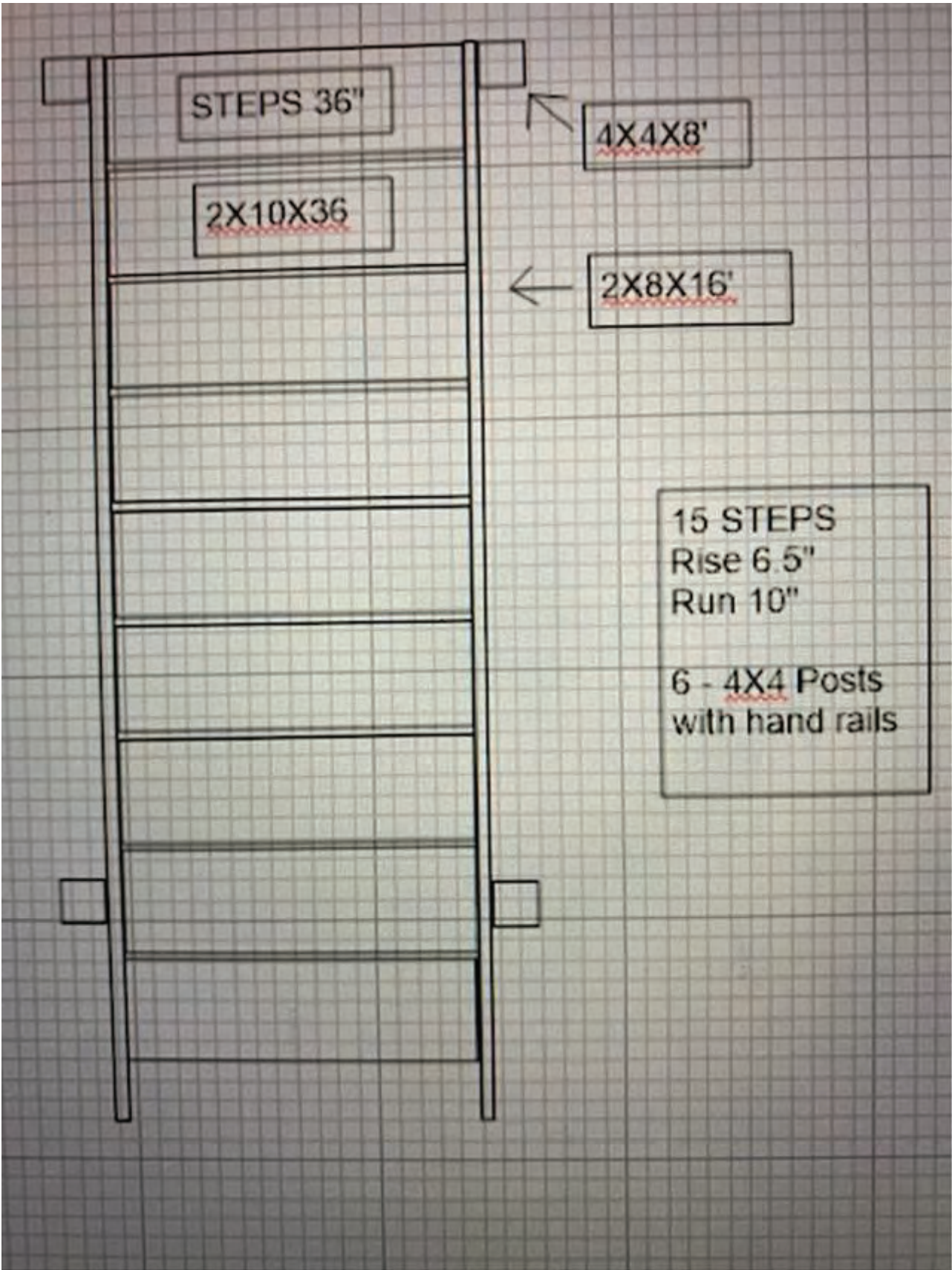
Adjacency: (N)

Miscellaneous

PFA: (Y) [Troy Peacock Lafayette Blue Falmouth]

WSPA: (Y) [Eastern]

BMAP: (Y) [Suwannee]





----- Forwarded message -----

From: **Pearce, Kimberly** <Kimberly.Pearce@floridadep.gov>

Date: Wed, Sep 9, 2020 at 3:13 PM

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Lands Committee

FROM: Stephen Schroeder, Chief, Office of Administration

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

DATE: March 26, 2021

RE: Newberry Wellfield Conveyance, Alachua County

RECOMMENDATION

Authorize staff to declare as surplus a parcel consisting of 58.66 acres +/- located in Alachua County and identified as the City of Newberry Wellfield and convey the parcel to the City of Newberry with the District retaining a conservation easement and including in the conveyance a reversion clause.

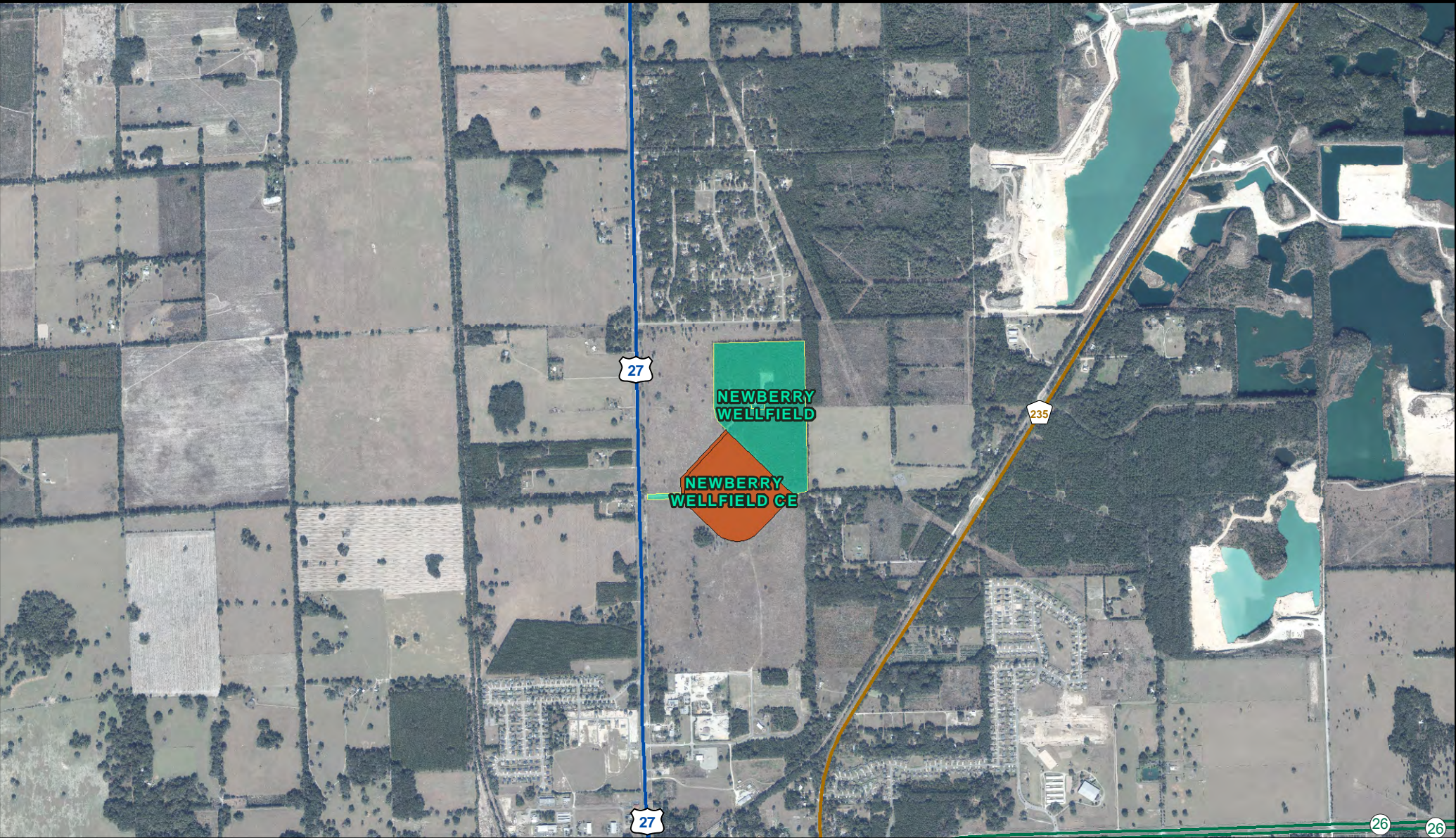
BACKGROUND

In November 2000, by Resolution Number 2000-61, the District acquired the wellfield parcel for the purpose of protecting and recharging the groundwater and protect the future water supply of the City of Newberry. The District and the City of Newberry have been in discussions for several years regarding the request of the City that the District convey the parcel to the city for purposes consistent with the acquisition, including the expansion of the city's water supply system. The city has provided the District with a proposed plan for recreational use of the parcel which includes an archery range and a laser tag field. All recreational activities are being structured so that the city can continue to protect its existing wells and infrastructure and add additional wells and related infrastructure, as necessary. The District will harvest existing timber prior to the conveyance and retain all revenues derived from the harvest.





The conveyance will include a condition on use remaining consistent with the purpose for which the land was originally purchased by the District and will be subject to reversion to the District in the event use by the city is not consistent with the purchase. The District will retain a conservation easement on the parcel which will include the right to implement a future water resource project within the easement.

At the March 9, 2021 meeting, the Lands Committee unanimously approved the staff recommendation. A context map showing the location of the property, the proposed use plan provided by the City of Newberry, and a copy of Resolution 2000-61 are attached.



SCS/tm
Attachments
File #98-006

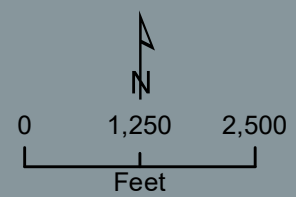


Newberry Wellfield
 ± 58.66 Fee Ac / ± 38.56 CE Ac
 Alachua County

-  CE QUALITY COMM
-  FEE QUALITY COMM
-  SRWMD Ownership
-  Other Public Ownership

Adjacent Parcels Ranking

-  Primary
-  Secondary



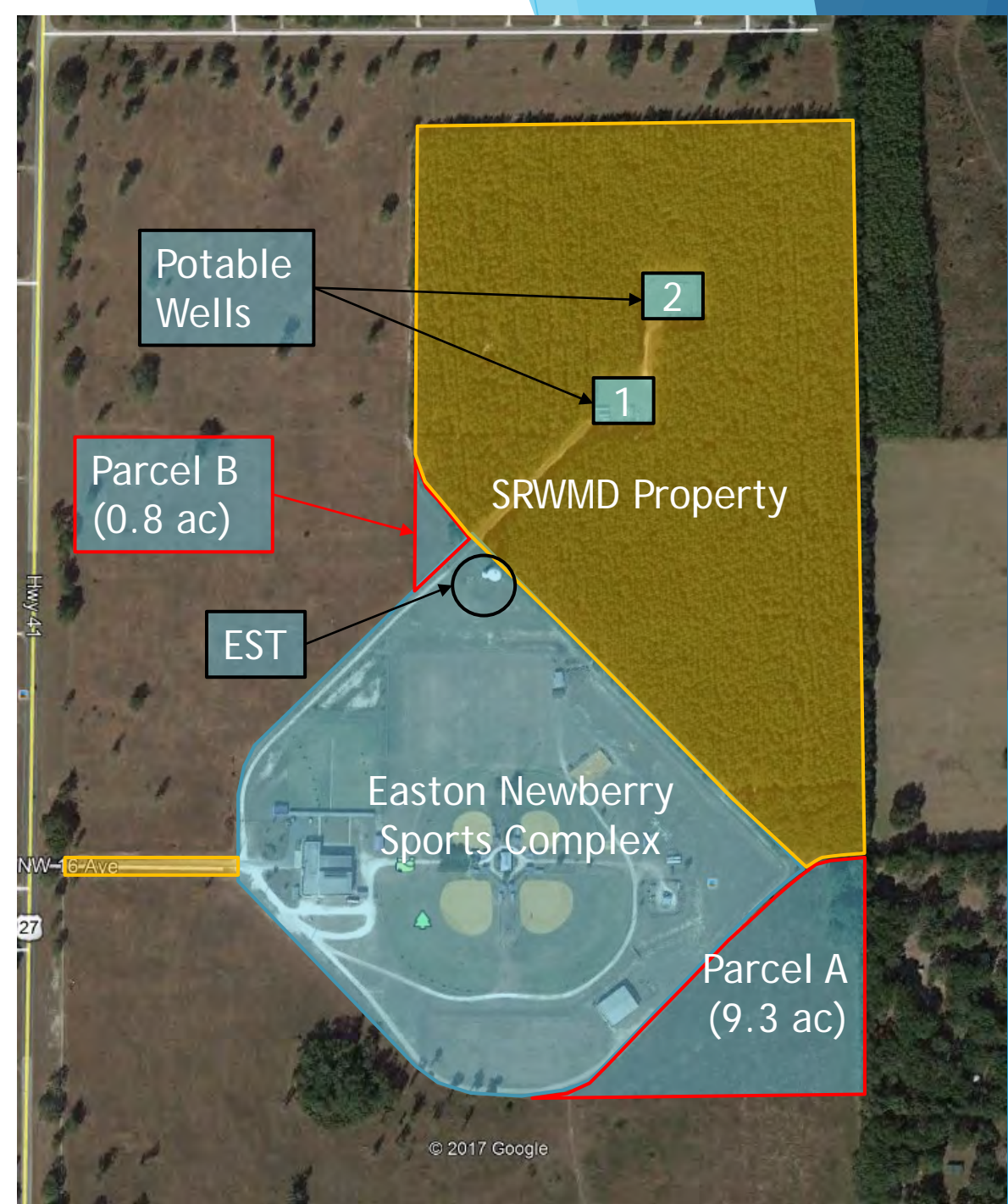
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Newberry Land Acquisition Request

January, 2018

Easton Newberry Sports Complex Site Plan

- ▶ Original site: 40 acre
- ▶ Partner with Easton Foundation to host Olympic training center
- ▶ Primary recreation complex for residents
- ▶ SRWMD owns 61 acre parcel, plus entrance road
- ▶ Newberry leases SRWMD parcel for wellfield and recreation. Lease term is 50 years. Lease in 2006.
- ▶ Newberry constructed 2 domestic water well and treatment facilities on SRWMD parcel
- ▶ Constructed 500,000 gal elevated storage tank (EST)
- ▶ Newberry recently acquired 10 additional acres



Proposed Acquisition

- ▶ Newberry desires to acquire SRWMD property.
- ▶ Newberry has no plans to change property use.
- ▶ Primary use will always be water production.
- ▶ Recreation is secondary.
- ▶ Seeks to protect its infrastructure investment which exceeds \$1M (2 wells & water treatment facility).
- ▶ Seeks to protect future infrastructure investment (~ \$1.5M for water and recreation facilities).
- ▶ In consideration of the value of a conservation easement over the parcel and adjacent parcels.



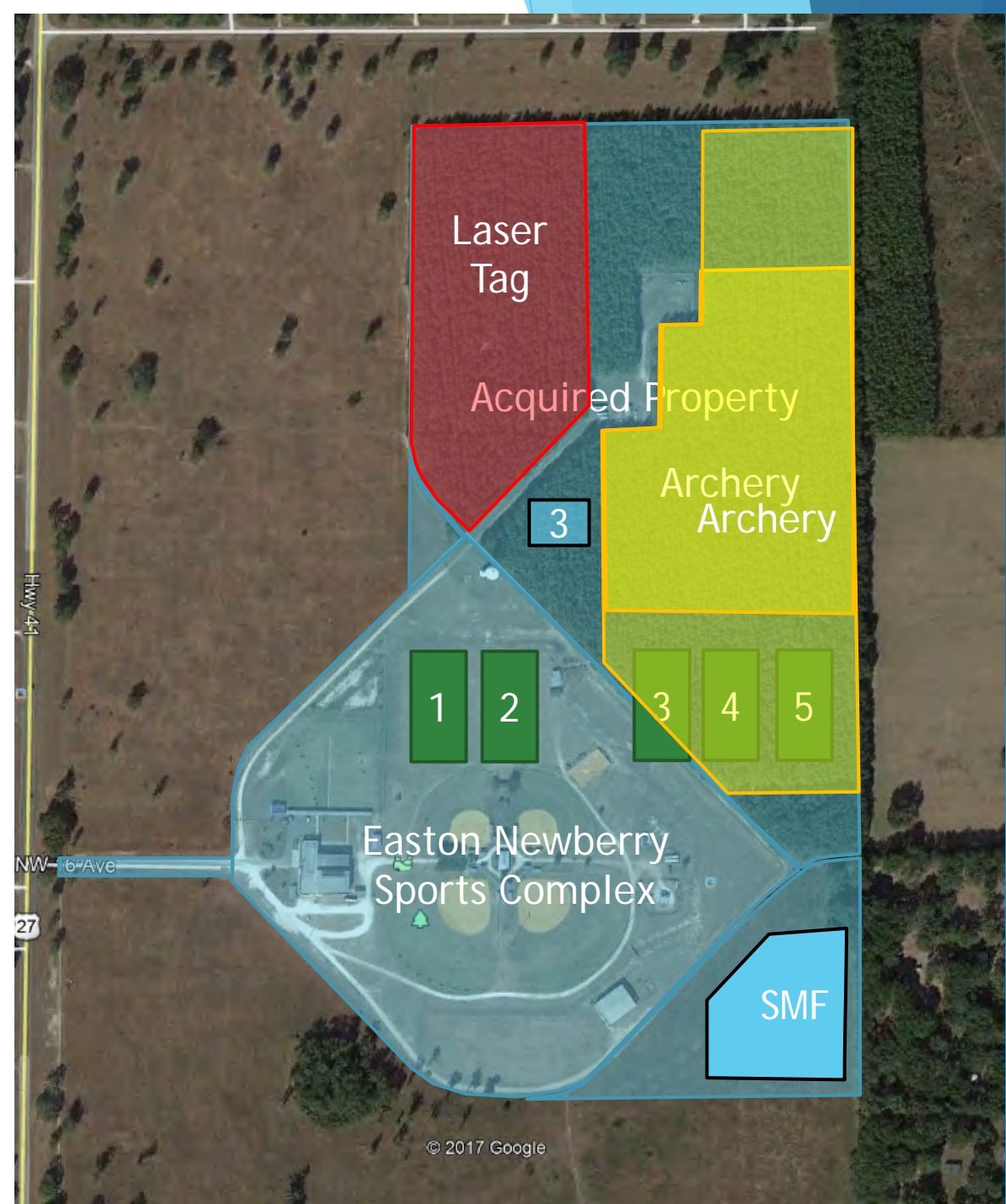
Consideration

- ▶ Lease agreement with Newberry terminates
- ▶ SRWMD property transfers to Newberry
- ▶ Newberry provides a conservation easement over SRWMD parcel plus recently acquired 10 acres
- ▶ Road parcel not covered by conservation easement



Planned Site Enhancements

- ▶ Main Campus: Baseball & Field Sports
 - Multipurpose Fields (football, soccer, lacrosse)
- ▶ SRWMD Property:
 - Laser Tag
 - Field Archery
- ▶ Proposed Enhancements:
 - Multipurpose Fields
 - Stormwater management facility
 - Future potable water well



Questions

?

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Pam Shaw, Chief, Office of Finance

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

DATE: March 26, 2021

RE: February 2021 Financial Report

RECOMMENDATION

Approve the February 2021 Financial Report and confirm the expenditures of the District.

BACKGROUND

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

PS/tm
Attachments

**Suwannee River Water Management District
Cash Report
February 2021**

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	\$31.97	0.00%	\$927,072.32
Special Purpose Investment Account (SPIA)*	<u>\$69,526.39</u>	2.01%	<u>\$44,501,831.74</u>
TOTAL	<u><u>\$69,558.36</u></u>		<u><u>\$45,464,404.06</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 February 28, 2021
(Unaudited)**

	Current Budget	Actuals Through 2/28/2021	Variance (Under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 6,034,682	\$ 5,324,779	\$ (709,903)	88.2%
Intergovernmental Revenues	\$ 39,950,983	\$ 1,338,964	\$ (38,612,019)	3.4%
Interest on Invested Funds	\$ 130,000	\$ 332,716	\$ 202,716	255.9%
License and Permit Fees	\$ 163,000	\$ 107,192	\$ (55,808)	65.8%
Other	\$ 1,000,000	\$ 438,712	\$ (561,288)	43.9%
Fund Balance ¹	\$ 11,789,923	\$ 294,271	\$ (11,495,652)	2.5%
Total Sources	\$ 59,068,588	\$ 7,836,633	\$ (51,231,955)	13.3%

	Current Budget	Expenditures	Encumbrances ²	Available Budget	%Expended	%Obligated ³
Uses						
Water Resources Planning and Monitoring	\$ 11,309,318	\$ 1,711,994	\$ 4,133,082	\$ 5,464,243	15%	52%
Acquisition, Restoration and Public Works	\$ 37,812,028	\$ 1,836,190	\$ 23,589,289	\$ 12,386,549	5%	67%
Operation and Maintenance of Lands and Works	\$ 6,127,699	\$ 953,386	\$ 1,567,511	\$ 3,606,802	16%	41%
Regulation	\$ 1,894,389	\$ 623,146	\$ 62,946	\$ 1,208,297	33%	36%
Outreach	\$ 243,657	\$ 53,689	\$ -	\$ 189,968	22%	22%
Management and Administration	\$ 1,681,497	\$ 596,243	\$ 79,158	\$ 1,006,096	35%	40%
Total Uses	\$ 59,068,588	\$ 5,774,648	\$ 29,431,985	\$ 23,861,955	10%	60%

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 February 28, 2021 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 2/28/2021

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>Report Recap -</u>			
REVENUES			
DISTRICT REVENUES	6,203,398	0	7,327,682
LOCAL REVENUES	0	0	86,480
STATE REVENUES	980,856	0	36,208,503
FEDERAL REVENUES	358,108	0	3,656,000
FUND BALANCE UTILIZATION	294,271	0	11,789,923
TOTAL REVENUES	7,836,633	0	59,068,588
EXPENDITURES			
SALARIES AND BENEFITS	2,416,549	0	6,709,559
CONTRACTUAL SERVICES	1,787,799	10,182,853	22,052,900
OPERATING EXPENDITURES	370,852	82,035	1,810,700
OPERATING CAPITAL OUTLAY	170,409	547,267	410,044
FIXED CAPITAL OUTLAY	18,896	161,744	5,077,000
INTERAGENCY EXPENDITURES	1,010,143	18,458,086	23,008,385
TOTAL EXPENDITURES	5,774,648	29,431,985	59,068,588
EXCESS REVENUES OVER (UNDER) EXPENDITURES	2,061,985	(29,431,985)	0
<u>General Fund -</u>			
REVENUES			
DISTRICT REVENUES	5,666,774	0	4,938,432
LOCAL REVENUES	0	0	86,480
STATE REVENUES	24,556	0	2,740,000
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	0	0	1,866,522
TOTAL REVENUES	5,691,330	0	9,631,434
EXPENDITURES			
SALARIES AND BENEFITS	1,897,323	0	5,181,595
CONTRACTUAL SERVICES	237,209	573,546	2,074,290
OPERATING EXPENDITURES	188,396	35,571	1,016,233
OPERATING CAPITAL OUTLAY	23,215	52,786	253,336
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	198,775	553,430	1,105,980
TOTAL EXPENDITURES	2,544,918	1,215,333	9,631,434
EXCESS REVENUES OVER (UNDER) EXPENDITURES	3,146,412	(1,215,333)	0
<u>Land Management Operations -</u>			
REVENUES			
DISTRICT REVENUES	386,183	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	386,183	0	6,664,699
EXPENDITURES			
SALARIES AND BENEFITS	284,052	0	786,979
CONTRACTUAL SERVICES	459,643	1,270,789	3,328,610
OPERATING EXPENDITURES	181,062	41,025	722,467
OPERATING CAPITAL OUTLAY	3,202	7,280	156,708
FIXED CAPITAL OUTLAY	18,896	161,744	977,000
INTERAGENCY EXPENDITURES	25,682	86,673	692,935
TOTAL EXPENDITURES	972,537	1,567,511	6,664,699
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(586,354)	(1,567,511)	0
	<i>*To be reimbursed by Appropriations</i>		

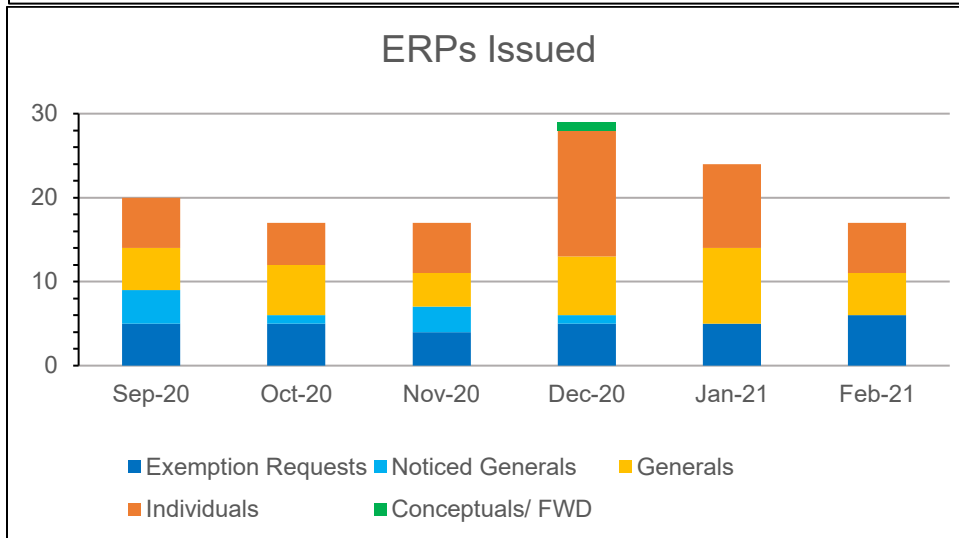
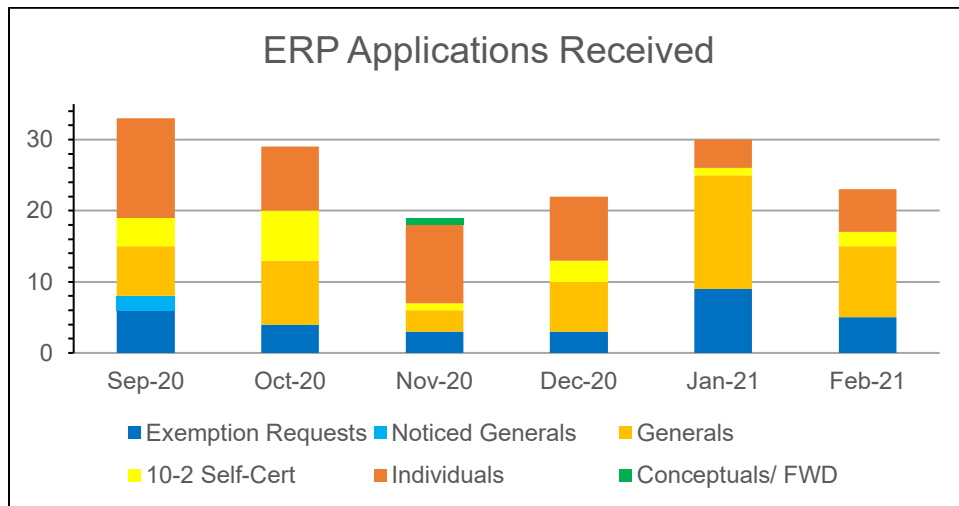
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
FOR 2/28/2021

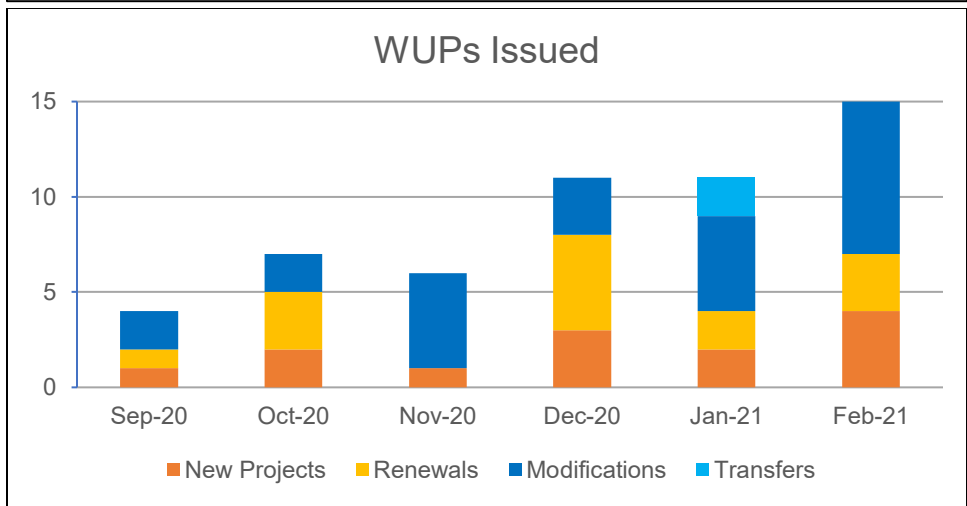
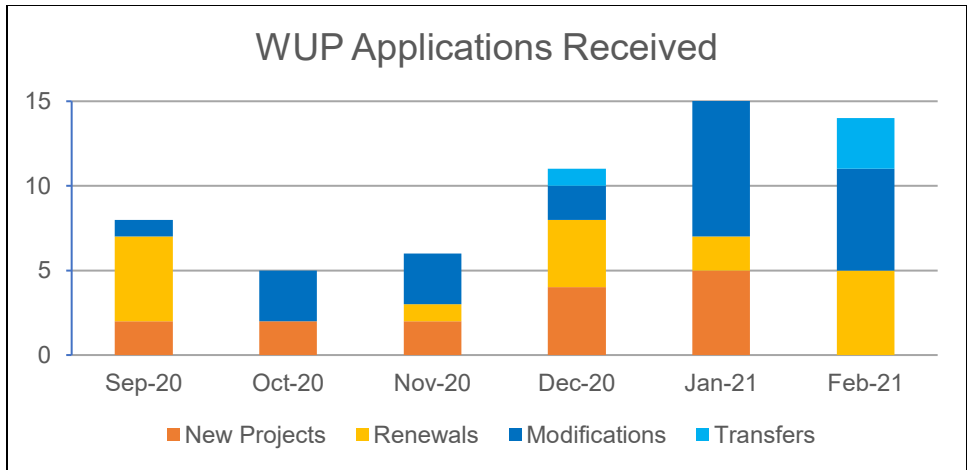
	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>District Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	294,271	0	5,319,470
TOTAL REVENUES	294,271	0	5,319,470
EXPENDITURES			
SALARIES AND BENEFITS	0	0	0
CONTRACTUAL SERVICES	160,471	1,157,931	2,250,000
OPERATING EXPENDITURES	0	0	30,000
OPERATING CAPITAL OUTLAY	15,265	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	118,534	887,597	3,039,470
TOTAL EXPENDITURES	294,270	2,045,528	5,319,470
EXCESS REVENUES OVER (UNDER) EXPENDITURES	1	(2,045,528)	0
<u>State Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	150,442	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	956,300	0	31,178,384
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	0	0	2,583,601
TOTAL REVENUES	1,106,742	0	33,761,985
EXPENDITURES			
SALARIES AND BENEFITS	234,954	0	724,985
CONTRACTUAL SERVICES	534,237	5,528,534	10,749,000
OPERATING EXPENDITURES	1,394	5,440	36,000
OPERATING CAPITAL OUTLAY	128,728	487,202	0
FIXED CAPITAL OUTLAY	0	0	4,100,000
INTERAGENCY EXPENDITURES	667,152	16,930,386	18,152,000
TOTAL EXPENDITURES	1,566,465	22,951,562	33,761,985
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(459,723) *	(22,951,562)	0
	<i>*To be reimbursed by Grants</i>		
<u>Federal Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	75,000
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	358,108	0	3,616,000
FUND BALANCE UTILIZATION	0	0	0
TOTAL REVENUES	358,108	0	3,691,000
EXPENDITURES			
SALARIES AND BENEFITS	219	0	16,000
CONTRACTUAL SERVICES	396,238	1,652,053	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	396,457	1,652,053	3,691,000
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(38,349) *	(1,652,053)	0
	<i>*To be reimbursed by Grants</i>		

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

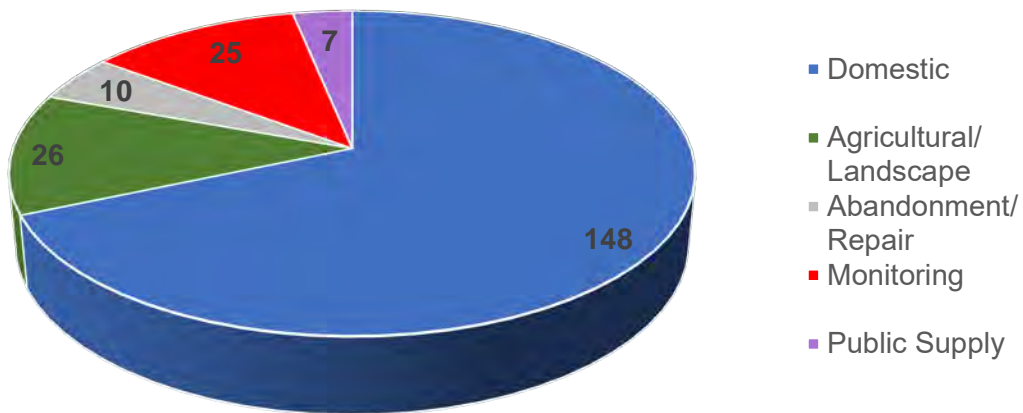
MEMORANDUM

TO: Governing Board
FROM: Warren Zwanka, Director, Division of Resource Management
THRU: Tim Alexander, Deputy Executive Director, Business and Community Services
DATE: March 26, 2021
RE: Permitting Summary Report





Water Well Permits Issued February 2021



40B-400.091 Statewide Stormwater Rules

GB Authorized Rulemaking	12/8/2020
Notice of Rule Development	12/21/2020
Public Workshop	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

40B-1.703 Consideration of Permit Apps

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

40B-1.704 Bond

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

40B-1.706 Fees

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

40B-1.709 Susp., Revoc., Mod. of Permits

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

40B-1.1010 Pt. of Entry into Proceedings

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

Compliance Agreements:

140032 K&L Investments, LLC 0.4 acres of wetland impacts – wetland restoration in lieu of \$1,253.10 penalty/ staff costs

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: March 26, 2021

RE: Task Work Assignment for Contract 20/21-070 with Atkins North America, Inc.

RECOMMENDATION

Authorize the Executive Director to approve a task work assignment for contract 20/21-070 with Atkins North America, Inc. for an amount not to exceed \$672,819 for the Federal Emergency Management Agency Fiscal Year 2020 Risk Mapping and Planning, Project Management Consultant Services.

BACKGROUND

The District has been a Cooperative Technical Partner (CTP) with the Federal Emergency Management Agency (FEMA) for over 20 years. As a CTP, the District receives funding annually from FEMA through the Risk Mapping and Planning (Risk MAP) program to hire engineering firms who help the District administer the program. In August 2020, the District was awarded a \$2,136,750 grant to implement the Fiscal Year 2020 grant (FY 2020) Project Management (PM) and the Community Outreach and Mitigation Strategies (COMS) Scope of Work (SOW), of which \$472,819 was allocated to Atkins for Project Management Consultant (PMC) services and \$200,000 was allocated to the District for outreach. The CTP program directly supports the District's core mission or reducing flood vulnerability.

In January 2020, the Governing Board approved Atkins North America, Inc. as a qualified engineering firm to provide Project Management Consultant (PMC) services for FEMA FY 2019 through FY 2024 Risk Map projects. The primary job of the PMC firm is to assist the District in implementing the PM and COMS SOW. The \$200,000 allocated to the District was for COMS; therefore, Atkins was selected to perform the task, bringing the total for the task work assignment (TWA) to \$672,819. Last month the Board approved \$647,855 to Atkins for the FY19 PM and COMS SOW's. This TWA will bring to total under contract with Atkins to \$1,320,674. The FY 2020 PM and COMS SOW will provide funding for ongoing work in the Santa Fe and Withlacoochee watersheds and the Santa Fe Watershed.

All mapping rates are established and approved by FEMA. Firms invoice the District as they complete the work and FEMA reimburses the District by direct deposit within days of submitting the invoices. Funding for this amendment is included in the FY 2021 Final Budget under account code 56-2586-4-1300-20.

LM/tm
Attachment

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
TASK WORK ASSIGNMENT REGARDING
FEMA FY20 Risk MAP Program Management

Task Work Assignment: 20/21-070-002

Title: FEMA FY20 Risk MAP Program Management

Amount: Not to exceed \$672,819

Funding: FEMA FY20 Grant

Task Work Assignment (TWA) 20/21-070-002

ATKINS Scope of Services for TWA 002 under SRWMD Contract 20/21-070 between Suwannee River Water Management District and Atkins North America, Inc. for Professional Services

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Task 2.1. Atkins Discovery and Independent QA/QC tasks under SRWMD FEMA Mapping Activities Statement 20.17.f

Perform Discovery

Responsible Mapping Partner: Suwannee River Water Management District (SRWMD) and FEMA-approved Contractor

Scope: Discovery begins once a watershed has been prioritized and sequenced. Discovery is the process of evaluating a watershed to determine what components of a Flood Risk Project may be appropriate. A Flood Risk Project may include regulatory and non-regulatory flood hazard identification, risk assessment, Mitigation Planning Technical Assistance, and outreach and communication assistance. The Flood Risk Project may include one of these elements or all of these elements, depending on the need in the watershed. Discovery is divided into six main activities — Watershed Stakeholder Coordination, Data Analysis, Discovery Meeting, Post-Meeting Coordination, Database Updates and Project Refinement.

Numerous templates have been created to aid the CTP during Discovery. Please contact the Region to obtain the templates. These templates can be utilized during Discovery as necessary and appropriate for the project. Mapping Partners may revise or change these Discovery templates as needed, in coordination with the Regional Office.

Stakeholder Coordination

Stakeholder engagement begins with upfront coordination with the PMT to plan the Discovery effort, identify roles and responsibilities, and plan the level of stakeholder engagement. Coordination with this team, including state and FEMA representatives with mapping, risk, and mitigation expertise, should be ongoing throughout Discovery. In addition to collecting data from national and state datasets and mitigation plans, information about communities is collected through two-way information exchange before the Discovery Meeting. All activities leading up to the Discovery Meeting are intended to increase involvement, build partnerships, reduce the potential for conflict, and ensure that more people are engaged in discussing local risks and considering mitigation actions from day one. Some examples of pre-Discovery Meeting activities might include:

Community Understanding Activities – Community understanding activities include developing community profiles to better understand communities throughout the watershed before Discovery begins. A community profile may include information such as where people live and work, their incomes, the hazards they are subject to, frequency and intensity of those hazards impacting the community, and goals and strategies from their mitigation plan.

Development of an engagement plan – To reach the key community stakeholders, such as local officials and community partners, and to develop or enhance relationships with key community stakeholders to increase the reach of messages about risk and to improve the local will and ability to take mitigation actions.

Introductory and Pre-call Screenings – Introductory and pre-call screening activities include conducting a pre-Discovery interview with each of the key influencers to ensure understanding

of FEMA’s involvement with the community, as well as more information on what is important to the influencer.

Data Analysis

Data and information collected during the initial stakeholder engagement phase, along with a robust, thoughtful analysis, is included in a Discovery Report and Map. A draft version of the Discovery Report and Map shall be shared with stakeholders before or during the Discovery Meeting.

Discovery Meeting

All communities and other stakeholders as identified by the PMT are invited to the Discovery Meeting. The Discovery Map will act as a facilitation tool during the meeting to support discussions about RiskMAP, the watershed vision, local flood-related concerns and potential mitigation strategies, regulatory map study needs, risk assessment, and local communication capabilities and responsibilities. Newly identified or improved mitigation strategies should be documented at the meeting, as well as support needed for communities to advance mitigation actions.

Activities may include:

- Develop an engagement plan to reach the key community stakeholders, such as local officials and community partners, during Discovery;
- Develop or enhance relationships with key community stakeholders to increase the reach of messages about risk and to improve the local will and ability to take mitigation actions;
- Drive attendance with outreach to meeting invitees through personalized emails and calls;
- Develop a baseline to inform the creation of a Resilience Activity Roadmap, including identifying real risk and pain points for hazards;
- Track engagement efforts and responses to reflect ongoing work;
- Facilitate meeting and breakout sessions;
- Develop an outreach toolkit (select from materials such as a fact sheet, talking points, social media template, FAQs, brochures, and media engagement);
- Develop a community-specific infographic or dashboard to help local officials visualize complex ideas;
- Create a Discovery Report (20-30 pages);
- Collect Project Charters (if used);
- Conduct a post-meeting review session with the study team and provide a future recommendations report (1-2 pages);
- Create a post-meeting outreach plan with a public awareness toolkit and coordination with community officials to identify available resources to promote flood risk education;
- Provide mitigation assistance to the community to increase their ability to act.

Post Meeting Coordination

After the Discovery Meeting, the Mapping Partner shall provide meeting notes, outreach materials, and updated contacts to the attendees and stakeholders. The Mapping Partner shall collect Project Charters (if used). The Mapping Partner will update the Discovery Map and Report to reflect the meeting discussions and include recommendations for a Flood Risk Project. A final Discovery Map,

Report, and appropriate data are provided to stakeholders. A list of all actions discussed with the communities will be provided to FEMA within two weeks after Meetings are held.

Database Updates

After the Discovery Meeting, four sources must be updated:

- The Coordinated Needs Management Strategy (CNMS) Regional File Geodatabase shall be updated to reflect information gathered during Discovery, for needs and/or requests as appropriate.
 - Updated, cleaned, linework reflecting any new validation that has changed as a result of evaluation or determination of study during Discovery.
 - Supporting documentation for new validation.
 - An updated requests layer containing all requests made as part of Discovery.
 - A self-Certified CNMS spatial database using the CNMS QC tool.
 - CNMS database will be updated to reflect the status of all streams within the watershed, whether scoped or not.
- The P4 and MIP should be updated per the Geospatial Data Coordination (GDC) Guidance to reflect data collected.
- The final Discovery Report, Map, and appropriate data must be uploaded to the MIP.

Standards: All Discovery process work shall be performed in accordance with the standards specified in Section 5 – Standards.

Deliverables: The CTP shall produce deliverables listed in the Discovery Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6. The deliverables shall also include:

- CNMS Regional File Geodatabase reflected with updated request area(s) and/or existing inventory in study extents and attributes as evaluated during the Discovery process. The updated CNMS database shall be delivered to the respective FEMA Region or its designee within 15 days of completion of Discovery.

Total Fees for Discovery (See Figure 1 for details):

Aucilla Watershed Discovery	\$49,480
Alapaha Watershed Discovery	\$38,520
Total Fees for Discovery	\$88,000

Perform Independent QA/QC: Topographic Elevation Data

Responsible Mapping Partner: Suwannee River Water Management District (SRWMD) and Study Contractor.

Scope: The Independent QA/QC Mapping Partner shall perform an impartial review of the mapping data defined in Table 1.5 under Develop Topographic Data to ensure that these data are consistent with FEMA standards and standard engineering practice and are sufficient to prepare the FIRM. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer.

Please note FEMA will also be performing periodic audits and overall study/project management to ensure study quality. The CTP will be responsible for addressing any and all comments resulting from independent QC, including resubmittal of deliverables as needed to pass technical review.

Standards: All Topographic Elevation Data tasks shall be reviewed in accordance with the standards specified in Section 5 – Standards.

Deliverables: The responsible Mapping Partner(s) shall produce items listed in the New or Existing Topographic Data Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6.

Perform Independent QA/QC: Base Map

Responsible Mapping Partner: Suwannee River Water Management District (SRWMD) and Study Contractor.

Scope: The Independent QA/QC Mapping Partner shall perform an impartial review of the base map obtained and prepared by the CTP to ensure it includes data consistent with FEMA standards and sufficient to include on the FIRM. Any needed edits should be made to the product to comply with FEMA standards.

Please note FEMA will also be performing periodic audits and overall study/project management to ensure study quality. The CTP will be responsible for addressing any and all reasonable comments resulting from independent QC of the base map, including resubmittal of deliverables as needed to pass technical review.

Standards: All Independent QA/QC work shall be performed in accordance with the standards specified in Section 5 – Standards.

Deliverables: The responsible Mapping Partner(s) shall produce items listed in the Base Map Data Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6.

Perform Independent QA/QC: Hydrologic Data

Responsible Mapping Partner: Suwannee River Water Management District (SRWMD) and Study Contractor.

Scope: The Independent QA/QC Mapping Partner shall perform an impartial review of the technical, scientific, and other information submitted by the CTP specific to the hydrologic analyses to ensure that the data and modeling are consistent with FEMA standards and standard engineering practice and are sufficient to prepare the FIRM. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. This work shall include, at a minimum, the activities listed below. Please note FEMA will also be performing periodic audits and overall study/project management to ensure study quality. Where paper documentation is required by state law for professional certifications, the CTP may submit the paper in addition to a scanned version of the paper for the digital record. Please coordinate with the regional and/or state representative to verify state reporting requirements.

- Review the submittal for technical and regulatory adequacy, completeness of required information, and supporting data and documentation. The technical review is to focus on the following:
 - Use of acceptable models;
 - Use of appropriate methodology(ies);
 - Correctly applied methodology(ies)/model(s), including QC of input parameters;
 - Comparison with gage data and/or regression equations, if appropriate;
 - Comparison with discharges for contiguous reaches or flooding sources throughout the watershed.
- Verify that the data was submitted under the applicable folders on the MIP as described in the “Technical Reference: Data Capture” and “Guidance: Data Capture” documents.
- Maintain records of all contacts, reviews, recommendations, and actions and make the data readily available to FEMA.
- The reviewing Mapping Partner must document the results of the review in a memorandum or letter, send it to the Mapping Partner that performed the hydrologic analysis, and post it to the MIP through the Independent QA/QC of Hydrologic Analyses task. The review document must present specific comments and may include any new calculations or model runs in support of the review.

Standards: All Independent QA/QC work shall be performed in accordance with the standards specified in Section 5 – Standards.

Deliverables: The responsible Mapping Partner(s) shall produce items listed in the Hydrology Data Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6. Additionally, the TSDN must be delivered in accordance with Section 2 – Technical and Administrative Support Data Submittal.

This submittal will occur in accordance with the schedule outlined in Section 6 – Schedule.

- A Summary Report that documents the findings of the independent QA/QC review.

- Recommendations to resolve any problems that are identified during the independent QA/QC review.

Perform Independent QA/QC: Hydraulic Data

Responsible Mapping Partner: Suwannee River Water Management District (SRWMD) and Study Contractor.

Scope: The Independent QA/QC Mapping Partner shall perform an impartial review of the technical, scientific, and other information submitted by the CTP under Hydraulic Analysis to ensure that the data and modeling are consistent with FEMA standards, guidance, and standard engineering practice and are sufficient to revise the FIRM. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. This work shall include, at a minimum, the activities listed below.

Please note FEMA will also be performing periodic audits and overall study/project management to ensure study quality. The CTP will be responsible for addressing any and all comments resulting from independent QC, including resubmittal of deliverables as needed to pass technical review.

- Review the submittal for technical and regulatory adequacy, completeness of required information, and supporting data and documentation. The technical review is to focus on the following:
 - Use of acceptable model(s)
 - Use of appropriate methodology(ies)
 - Starting water-surface elevations
 - Cross-section geometry
 - Manning’s “n” values and expansion/contraction coefficients
 - Bridge and culvert modeling
 - Ineffective and non-conveyance areas
 - Flood discharges
 - Regulatory floodway computation methods
 - Tie-in to upstream and downstream non-revised Flood Profiles and floodways
 - Agreement between the model, spatial data, work maps, Flood Profiles and Floodway Data Tables
 - Calibration of model(s), where high-water marks are available
 - Floodplain and floodway boundaries for the 1% and 0.2% annual chance events
- Verify that the data was submitted under the applicable GEOGRAPHIC FOOTPRINT folders in the MIP.
- Use the CHECK-2 or CHECK-RAS program, as appropriate, to flag potential problems and focus review efforts.
- Maintain records of all contacts, reviews, recommendations, and actions and make the data readily available to FEMA.
- Maintain an archive of all data submitted for hydraulic modeling review. (All supporting data must be retained for three years from the date a funding recipient submits its final expenditure report to FEMA, and once the study is effective all associated data should be submitted to the FEMA library).
- The reviewing Mapping Partner must document the results of the review in a memorandum or letter, send it to the Mapping Partner that performed the hydraulic analysis and post it to the MIP

through the Independent QA/QC of Hydraulic Analyses task. The review document must present specific comments and may include any new calculations or model runs in support of the review.

Standards: All Independent QA/QC work shall be performed in accordance with the standards specified in Section 5 – Standards.

Deliverables: shall produce items listed in the Hydraulics Data Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6. Where paper documentation is required by state law for professional certifications, the CTP may submit the paper in addition to a scanned version of the paper for the digital record. Please coordinate with the regional and/or state representative to verify state reporting requirements.

- A Summary Report that describes the findings of the independent QA/QC review;
- Recommendations to resolve any problems that are identified during the independent QA/QC review.

Perform Independent QA/QC: Floodplain Mapping

Responsible Mapping Partner: Suwannee River Water Management District (SRWMD) and Study Contractor.

Scope: The Independent QA/QC Mapping Partner shall perform impartial review of the floodplain mapping submitted by the CTP under Floodplain Mapping to ensure that the results of the analyses performed are accurately represented, the redelineation of existing data on new, updated topography is appropriate, and to ensure that the new FIRM panels accurately represent the information shown on the effective FIRMs and FBFMs for the unrevised areas that are mapped. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. This work shall include, at a minimum, the activities listed below.

Please note FEMA will also be performing periodic audits and overall study/project management to ensure study quality. The CTP will be responsible for addressing any and all comments resulting from independent QC, including resubmittal of deliverables as needed to pass technical review.

- Review the cross sections for proper location and orientation on the work map and agreement with the Floodway Data Table and Flood Profiles.
- Review the BFEs and coastal flood zones (both Zones VE and Zones AE) shown on the work map for proper location and agreement with the results of the coastal modeling.
- Review the regulatory floodway widths for agreement with the widths shown in the Floodway Data Table.
- For non-revised floodplain areas, the 1 percent and 0.2 percent annual chance floodplain boundaries agree with the floodplain boundaries shown on the FIRM, the contour lines, other topographic information, and planimetric information shown on the FIRM base.
- Road and floodplain relationships are maintained for all unrevised areas.
- Review the flood insurance risk zones as shown on the work maps to ensure the data are labeled properly.

- Review the FIRM mapping files to ensure the data were prepared in accordance with FEMA standards.
- Review the metadata files to ensure the data includes all required information shown in the NFIP Metadata Profiles Specification.
- Review that effective LOMCs for all affected communities on the FIRM were accounted for.
- Verify that the data was submitted under the applicable GEOGRAPHIC FOOTPRINT folders.

Standards: All Independent QA/QC work shall be performed in accordance with the standards specified in Section 5 – Standards.

Deliverables: The responsible Mapping Partner(s) shall produce items listed in the Floodplain Mapping Data Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6.

- A Summary Report that describes the findings of the QA/QC review, noting any deficiencies in or agreeing with the mapping results.
- Recommendations to resolve any problems that are identified during the independent QA/QC review.
- An annotated work map with all questions and/or concerns indicated, if necessary.
- If data changed during review, then updated deliverables for previous tasks will be submitted at this time.

Perform Independent QA/QC: Produce Preliminary Map Products

Responsible Mapping Partner: Suwannee River Water Management District (SRWMD) and Study Contractor.

Scope: Upon completion of the floodplain mapping and re-delineation activities, the Independent QA/QC Mapping Partner shall perform an impartial review of the FIRM spatial database to determine if it meets current FEMA database specifications. In addition, the Independent QA/QC Mapping Partner shall review the FIRM to ensure it meets current FEMA graphic specifications. The CTP shall coordinate with other entities, as necessary, to resolve any problems identified during this QA/QC review. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer.

Please note FEMA will also be performing periodic audits and overall study/project management to ensure study quality. The CTP will be responsible for addressing any and all comments resulting from independent QC, including resubmittal of deliverables as needed to pass technical review.

This work shall ensure that the requirements below are met.

- All required FIRM features are accurately and legibly labeled and following the examples shown in the FEMA FIRM specifications. This includes all flood insurance risk zones, BFEs, gutters, cross sections, transects, studied streams and shorelines, mapped political entities, and all roads within and adjacent to the 1 percent annual chance floodplains.
- All FIRM features are correctly symbolized with the appropriate symbol, line pattern, or area shading and follow FEMA standards.

- All map collar information is complete, correct, and follows FEMA standards.
- Preliminary FIRM database is in a GIS file and database format as specified in FEMA standards, and conform to those specifications for content and attribution.
- FIRM database files are in one of the database formats specified in FEMA standards, and conform to those specifications for content and attribution.
- Assess risk assessment products for compliance with FEMA standards if applicable.
- Review and affirm that Preliminary SOMAs were accurately created for applicable communities.
- Perform any needed updates to the CNMS database for the project area of interest.
- Updated, cleaned, linework reflecting any change in status or attribution as a result of scope change during the production period and updated to “Being Studied” where applicable.
- Supporting documentation for new validation.
- An updated requests layer containing all requests made as part of production related to items discovered as part of the study process.

Standards: All FIRM Database Development work shall be performed in accordance with the standards specified in Section 5 – Standards.

Deliverables: The responsible Mapping Partner(s) shall produce items listed in the Produce Preliminary Products Data Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6.

Independent QA/QC of Flood Risk Products

Responsible Mapping Partner: FEMA (or contractor with Region approval)

Scope: Independent QC review activities may be performed by the CTP and its Program Management Consultant or FEMA’s contractor at the discretion of FEMA. If the CTP and its Program Management Consultant will be utilizing its staff and/or contractors to do the QC review, this will be identified during project planning and Discovery. The CTP and its Program Management Consultant will be responsible for addressing all comments resulting from independent QC, including resubmittal of deliverables as needed to pass technical review.

Standards: All RiskMAP work shall be performed in accordance with the standards specified in Section 5 – Standards.

Deliverables: SRWMD and its contractors shall produce items listed in the Flood Risk Products Data Capture section within the most currently dated “Technical Reference: Data Capture” document, located at <https://www.fema.gov/media-library/assets/documents/34519>, made available to FEMA by uploading the digital data to the MIP in accordance with the schedule outlined in Section 6. The current MIP Guidance document includes a section for data upload methods and limitations. The guidance also explains how performance will be tracked for Flood Risk Products.

Deliverables should be submitted through to the Regional office with coordination of the RSC. SRWMD and its contractors are responsible for confirming and/or obtaining any revised or updated guidance from the region or RSC lead.

Data from flood hazard assessment will be coordinated with your Regional POC and submitted 60 days prior to release of this data to the general public. Data to be submitted to FEMA for this review may include:

- Narrative of assumptions made and approaches taken for analysis.
- The Hazus system files (.hpr files).
- Global summary report.
- Direct damage and contents data used to populate tables in Flood Risk Report.
- Updated local parcel/building information, topographic data, etc. used in analysis.
- Description of data used that were not part of the default Hazus data sets.

Total Fees for Independent QA/QC of Withlacoochee Watershed (\$32,650); plus, additional Santa Fe Watershed QA/QC tasks under MAS 20.17.f (\$81,169): \$113,819 (See Figure 1, pg. 18 for details)

Mapping Activities Statement 20.17.f SECTION 5 – STANDARDS

The standards relevant to this MAS are presented in FEMA Policy 204-078-1 [Standards for Flood Risk Analysis and Mapping](http://www.fema.gov/media-library/assets/documents/35313), Revision 8, dated February 2019, located at <http://www.fema.gov/media-library/assets/documents/35313>. This Policy supersedes all previous standards included in the *Guidelines and Specifications for Flood Hazard Mapping Partners*, including all related appendices and Procedure Memorandums (PMs). Additional information and links to FEMA Technical References, , guidance documents, templates and other resources may be accessed and downloaded at <http://www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping>. Revisions to the Policy memo are on a regular basis. Some changes / updates are considered low impact, not requiring any scope, financial, process or technology changes to implement. CTPs should always check for the latest version of the Policy memo to evaluate potential standards updates.

To facilitate the use of standards and related documents, users can access the FEMA *Guidelines and Standards Master Index* located here: www.fema.gov/media-library/assets/documents/94095. This index provides a cross-reference of documentation available for Flood Risk Projects, Letters of Map Change and related RiskMAP activities. The cross-referenced relationships are organized and accessible through linkages for standards, guidance, technical references and templates. The master index is updated in coordination with the FEMA Policy Memo noted above.

CTPs and their sub-awardees must comply with FEMA's Federal Regulations in Chapter 44 of the Code of Federal Regulations (CFR), specifically CFR Parts 65, 66 and 67, the Document Control Procedures Manual (available here: www.fema.gov/media-library/assets/documents/6859), and the appropriate year CTP Notice of Funding Opportunity and Agreement Articles. CTPs shall also coordinate with their Regional office to determine additional standards that should be met.

SCHEDULE

To accurately document RiskMAP activities, there are two tools available for identifying mapping activities as they align to the Mapping Information Platform (MIP). The activities documented in the MAS shall be completed in accordance with either Table 6.1 Project Activities Schedule or the

Mapping Information Platform (MIP) MAS/SOW Workbook.1

Atkins will work with SRWMD, Region IV, and study consultants performing the work for which Atkins provides independent QA/QC to assist in submitting the MIP MAS/SOW Workbook or any other form that is representative of the schedule information required.

Total of Atkins Fees for Discovery (\$88,000) and QA/QC (\$113,819) as described above under Mapping Activities Statement No. 20.17.f: (See Figure 1 for details): \$201,819

¹ You must sign into the CTP Collaboration Center to access this form. If you are not a registered user, please visit: <https://www.surveymonkey.com/r/CTPCollaborationCenterRegistration>

Task 2.2. Atkins Program Management Tasks in accordance with Suwannee River Water Management District (SRWMD) COOPERATING TECHNICAL PARTNERS (CTP) PROGRAM MANAGEMENT (PM) STATEMENT OF WORK (SOW) No. 20.17.p

Atkins is responsible for the activities in the PM SOW 20.17.p. All tasks as shown in the attached SOW, except for revised schedule reflecting new start date as shown in PM SOW Table 5.1 below:

Table 5.1 Program Management Task Deliverables Schedule (revised)

MAS Activities	Deliverable	Deliverable Due Date	Submitted To
SRWMD FEMA Business Plan	<i>Business Plan Document</i>	<i>Draft July 2022 Final September 2022</i>	<i>SRWMD for FEMA PO</i>
Global Program Management (required)	<i>Program Management Plan</i>	<i>Ongoing through life of project</i>	<i>SRWMD</i>
CNMS Updates	<i>Updates to Expiring Miles</i>	<i>12 months from contract date</i>	<i>FEMA Region IV</i>

Total of Atkins Fees Not to Exceed for tasks under PM SOW 20.17.p: \$76,000

Task 2.3. Atkins Community Engagement Tasks in accordance with SRWMD COOPERATING TECHNICAL PARTNERS (CTP) COMMUNITY OUTREACH AND MITIGATION STRATEGIES (COMS) STATEMENT OF WORK (SOW) No. 20.17.c

Atkins is responsible for the activities in the COMS SOW 20.17.c (attached). All tasks as shown in the attached SOW, except for revised schedule reflecting new start date as shown in COMS Table 5.1 below:

Table 5.1: COMS Task Deliverables Schedule (revised)

Task and Activity			
SOW Task	Deliverable	Deliverable Due Date	Submitted To
COMS Engagement Plan (required; combined with PM SOW 20.17.p Strategic Business Plan	COMS Engagement Plan as part of PMSOW20.17.p Strategic Business Plan	January 31, 2022	FEMA PO
Strategic Planning for Community Engagement	1) Relationship Management Plan 2) Communication and Outreach Strategy	8 months from award date (for both)	FEMA PO
Strategic Planning for Community Engagement	New or updated Community Profile	Within 30 days of FEMA request or identification	FEMA PO
Training and Community Development	Workshop based on needs identified – develop and deliver training	Video training updates September 2021	Community (FEMA PO)
Training and Community Development	Community Planning Online Seminar – develop and deliver training (provide final attendee list and completed participant pre/post surveys)	Spring target: June 2022 Fall target: Nov 2022	Community (FEMA PO)

Task and Activity			
SOW Task	Deliverable	Deliverable Due Date	Submitted To
Pilot Project 1 Outreach Public Relations Campaign	Discovery, research, planning and decision-making report	Within 8 weeks of contracting with consultant	SRWMD
	Pre-assessment, communication strategy, creative concepts, themes and branding plan	Within 6 months of contracting with consultant	SRWMD
	Advertising runs, outreach activities report	Within 2 years of contracting	SRWMD
	Post-assessment, final report, presentation of findings, engagement analytics assessment	Within 26 months of contracting with consultant	SRWMD and FEMA
Pilot Project 2 Website enhancements for expanded public engagement	Updates on activity and Table 7.1 Performance metrics	Annual over life of grant	SRWMD and FEMA

Total of Atkins Fees Not to Exceed for tasks under COMS SOW 20.17.c: \$395,000

[Atkins Total Compensation for TWA 20/21-070-002 under SRWMD Contract 20/21-070](#)

Total of Atkins Fees under TWA 20/21-070-002 Not to Exceed \$672,819. Funded under FY20 FEMA RiskMAP Grant, and detailed in the following: the SRWMD Mapping Activities Statement MAS 20.17.f (Discovery and QA/QC tasks only, as described in MAS 20.17.f excerpts inserted above); all tasks in the PM SOW 20.17.p (attached), all tasks in the COMS SOW20.17.c (attached).

The breakdown of fee totals is outlined in Figure 1 below.

Figure 1. SRWMD FEMA FY20 RiskMAP Grant : Atkins Summary Scope and Fees

PM SOW			
	Hrs	Avg hrly	Totals
Business Plans (merged with COMS)	36	\$167	\$6,000
Global Program Management (required)	413	\$167	\$69,000
Coordinated Needs Management Strategy (CNMS)	8	\$125.00	\$1,000
PM SOW Total			\$ 76,000
COMS SOW			
Strategic Business Plan (combined)			
Strategic Planning for Community Engagement	100	\$160	\$16,000
Meetings and Process Facilitation	85	\$154	\$13,100
Communication and Outreach to Communities	40	\$149	\$6,000
Training and Community Capability Development	176	\$142	\$25,000
Staffing	45	\$110	\$5,000
COMS Special Project 1, Multi-yr Public Relations Campaign:			
Discovery, research, planning and decision making	205	\$190	\$38,950
Pre-assessment, communication strategy, creative concepts, themes and branding – completed within six months of engagement	300	\$175	\$52,500
Advertising runs, outreach activities - completed within 24 months of engagement	240	\$175	\$42,000
Close-out meeting, Post-assessment, final report, presentation of findings, engagement analytics assessment, lessons learned	150	\$190	\$28,500
Ongoing maintenance and enhancement of products and processes over remaining life of grant	252	\$151	\$38,050
Special Project 1 Total	1147	\$174	\$200,000
COMS Special Project 2, Website enhancements for expanded public engagement			
Ongoing data and updates to web services	100	\$135	\$13,500
Ongoing enhancements to flood risk report	120	\$150	\$18,000
Ongoing packaging of models for online download	80	\$130	\$10,400
Initiate processes to support 3D flood risk visualization and risk rating 2.0, including automated FFE pilot	600	\$155	\$93,000
Special Project 2 Total	900	\$150	\$134,900
COMS Total			\$ 400,000
Atkins Total from COMS (-\$5,000 for District Staff to attend training and conferences)			\$ 395,000
SRWMD FY20 FLOOD RISK MAS			
1. Withlacoochee Flood Risk Study QC Cost Estimate	Task	Cost	
Survey & Independent QA/QC	Survey QC	\$1,000	
One, including Independent QA/QC	Base Map QC	\$1,000	
Prepare Existing LiDAR DEM & Independent QC	Topo QC	\$1,000	
8 HUC10 Watersheds (Full HUC-8) & Independent QC	Hydrology 2D Approximate QC	\$5,200	
All Unverified: Zone A (331 miles), AE (25 miles) & QA/QC	2D Approx Hydraulics/Flood Map QC	\$6,600	
Two Counties & Independent QA/QC	DFIRM DB QC	\$900	
55 Panels, 1 index, FIS & Independent QA/QC	Prelim Products QC	\$12,750	
Region IV Standard & Independent QA/QC	Non-Regulatory Products QC	\$4,200	
Withlacoochee Flood Risk Study QA/QC Total		\$32,650	

Figure 1. SRWMD FEMA FY20 RiskMAP Grant : Atkins Summary Scope and Fees (continued)

SRWMD FY20 FLOOD RISK MAS (continued)			
2. Santa Fe (QC of additional Detail, 2D Approx, and Panels to cover unverified NVUE and watershed)	Task	Cost	
Zone A, AE & Leveraged AE additional 341 NVUE miles) QC	Additional Hydrology QC	\$20,783	
Zone A, AE & Leveraged AE (Additional 341 NVUE miles) QC	Hydraulics & Floodplain MappingQC	\$24,213	
7 Counties using new specifications	Additional DFIRM DB QC	\$490	
111 additional panels, new specs, covering 7 Counties	Additional Prelim Products QC	\$25,502	
Region IV Standard Risk Products	Non-Regulatory Products and QC	\$10,181	
Santa Fe Flood Risk Study QA/QC Total		\$81,169	
Total Atkins QA/QC under MAS 20.17.f		\$113,819	
3. Aucilla and Alapaha Discovery	Hrs	Avg hrly	Totals
Aucilla Discovery			
Stakeholder Engagement/Community Interviews	80	120	\$9,600
Data Analysis	100	120	\$12,000
Discovery Meetings and Reports	88	140	\$12,320
Follow-up and Scoping	88	155	\$13,640
Data Updates/CNMS	16	120	\$1,920
Aucilla Discovery Total			\$49,480
Alapaha Discovery			
Stakeholder Engagement/Community Interviews	44	120	\$5,280
Data Analysis	62	120	\$7,440
Discovery Meetings and Reports	82	140	\$11,480
Follow-up and Scoping	80	155	\$12,400
Data Updates/CNMS	16	120	\$1,920
Alapaha Discovery Total			\$38,520
Total Atkins Discovery under MAS 20.17.f			\$88,000
PM, CNMS & COMS Total		\$ 471,000	
FLOOD RISK MAS 20.17.f Total (Withlacoochee Watershed QA/QC , Santa Fe Watershed QA/QC for additional mileage and panels, Discovery in Alapaha and Aucilla Watersheds)		\$ 201,819	
ATKINS TOTAL For TWA 20/21-070-002 UNDER FY20 FEMA GRANT		\$ 672,819	

Attachments:

SRWMD CTP PM SOW No. 20.17.p

SRWMD CTP COMS SOW No. 20.17.c

Signature Page for ATKINS Task Work Assignment 20/21-070-002
FEMA Risk MAP FY20 Program Management Services

Signed this _____ day of _____, 2021, by CONSULTANT.

Atkins North America, Inc.

By: _____

Charlotte Maddox, P.E.

As its Vice President

Signed this _____ day of _____, 2021, by DISTRICT.

SUWANNEE RIVER WATER
MANAGEMENT DISTRICT

By: _____

Hugh Thomas

As its Executive Director

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
MEMORANDUM

TO: Governing Board

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

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

DATE: March 26, 2021

RE: Task Work Assignment for Contract 20/21-069 with AECOM, Inc.

RECOMMENDATION

Authorize the Executive Director to approve a task work assignment for contract 20/21-066 with AECOM for an amount not to exceed \$420,393 for Federal Emergency Management Agency Fiscal Year 2019 Risk Mapping and Planning Product Production Consultant Services.

BACKGROUND

The District has been a Cooperative Technical Partner (CTP) with FEMA for over almost 20 years. As a CTP, the District receives funding annually from FEMA through the Risk MAP program to hire engineering firms to update and improve the floodplain maps and help local governments increase the public's flood hazard awareness. In September 2019, the District was awarded a grant in the amount of \$1,873,150 to implement the Fiscal Year 2019 (FY 2019) priorities, of which \$420,393 is allocated to AECOM for Product Production Consultant (PPC) services. The CTP program directly supports the District's core mission of reducing flood vulnerability.

In January 2020, the Governing Board approved AECOM as a qualified engineering firm to provide PPC services for FEMA FY 2019 through FY 2024 Risk Map projects. The primary task of the PPC firm is to develop the hydrology and hydraulic models needed to create or update maps. Firms are selected each fiscal year based on their previous work experience, knowledge of a particular geographical region, and workload.

The FY2019 Mapping Activity Statement provides funding to complete the hydrology and hydraulic model revisions for the Upper and Lower Suwannee River watersheds. Previously the Board has approved \$1,342,423 to begin this work, which brings the total amount allocated to AECOM to complete the Suwannee River Watershed updates and revisions to \$1,762,816. All mapping rates are established and approved by FEMA. Firms invoice the District as they complete the work and FEMA reimburses the District by direct deposit.

Funds are included in the District's FY 2020-2021 Final Budget under code 56-0-2586-0-1300-19.

LM/tm
Attachment

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
TASK WORK ASSIGNMENT REGARDING
UPPER AND LOWER SUWANNEE RIVER WATERSHEDS FEMA FY19 Risk MAP UPDATES

Task Work Assignment: 20/21-066-003

Title: FEMA FY19 Risk MAP Services for the Upper and Lower Suwannee River Watersheds

Amount: Not to exceed \$420,393

Funding: FEMA FY19 Grant MAS No. 18.15.f

Attachment B

**Scope of Services, Standards, Deliverables, Anticipated Schedule, and Fee
For the Upper Suwannee Watershed (03110201) and the Lower Suwannee Watershed
(03110205) as Identified in FEMA Mapping Activity Statement Number 19.16.f**

SCOPE OF SERVICES

The objective of the Flood Risk Project documented in this scope of services is to develop and/or support flood hazard data through completing technical risk analysis and mapping activities. These activities will result in new or updated Flood Insurance Rate Maps (FIRMs), Flood Insurance Study (FIS) report(s) as well as Non-Regulatory products for one or more communities within the project area.

The watersheds and jurisdictions in which Flood Risk Projects will be performed, as well as their applicable project activities, are summarized in Table 1.1: Flood Risk Project Watersheds and Jurisdictions. Watershed Reports will be created and distributed to counties and communities identified in Discovery.

Table 1.1 Flood Risk Project Watersheds and Jurisdictions

Watershed	Counties Included in Project	Project Activities
Upper Suwannee (03110201)	FL-Portions of Baker, Columbia, Hamilton and Suwannee Counties	Task 1 & 11 listed below.
Lower Suwannee (03110205)	FL-Portions of Columbia, Dixie, Gilchrist, Lafayette, Levy, Madison, Suwannee and Taylor Counties	Tasks 1, 8 - 9 & 11 listed below.

AECOM will develop new and/or updated flood hazard data for the Upper Suwannee Watershed as summarized in Table 1.2: Total Stream Mile Counts by Type of Study. The FIRM and FIS report for the watersheds and areas identified in Table 1.2 will be produced in the North American Vertical Datum of 1988 (NAVD88).

Table 1.2 Total Stream Mile Counts by Type of Study for the Upper Suwannee Watershed

Type of Study	Miles	Hydraulic Analysis Option	1D or 2D
Effective Flood Insurance Study (no update)	504	415 Zone A 86 Zone AE 3 Zone X	1D
Updated Effective Zone AE or Equivalent Studies	77		1D
Updated Effective Zone A Studies	355		2D
New Zone AE or Equivalent Studies Identified			38
New Zone A Studies Identified			370

AECOM will develop new and/or updated flood hazard data for the Lower Suwannee Watershed as summarized in Table 1.3: Total Stream Mile Counts by Type of Study. The FIRM and FIS report for the watersheds and areas identified in Table 1.3 will be produced in the North American Vertical Datum of 1988 (NAVD88).

Table 1.3 Total Stream Mile Counts by Type of Study for the Lower Suwannee Watershed

Type of Study	Miles	Hydraulic Analysis Option	1D or 2D
Effective Flood Insurance Study (no update)	493	255 Zone A 229 Zone AE 9 Zone X	1D
Updated Effective Zone AE or Equivalent Studies	114		1D
Updated Effective Zone A Studies	148		2D
New Zone AE or Equivalent Studies Identified			56
New Zone A Studies Identified			148

Metadata is required for certain activities. Current Data Capture Standards (DCS) will be adhered to as part of this scope of services. AECOM will upload deliverables complying with this guidance at major production data capture points in the Mapping Information Platform (MIP) workflow and any additional updates to the MIP as required by FEMA. Major production

data capture points include scoping, base map, terrain, survey, hydrologic analysis, hydraulic analysis, floodplain mapping for redelineation and digital conversion, and post-preliminary data for studies. National Flood Insurance Program (NFIP) metadata are required for orthoimagery, terrain, survey, hydrology, hydraulics, alluvial fans, coastal, and floodplain mapping. Certification of submitted data for FEMA-funded studies is required. Although certification requirements are included for each workflow step, AECOM need only to complete and submit one product certification when their work on a project is complete, in accordance with FEMA guidelines.

AECOM will respond to comments, by FEMA representatives, their contractors, SRWMD staff or their contractors, and generated as a result of the mandatory FEMA quality control checks by the FEMA Production and Technical Services (PTS) contractor.

Task 1. Project Management

Project Management is the active process of planning, organizing, and managing resources toward the successful accomplishment of predefined project goals and objectives. AECOM will coordinate with the SRWMD project manager and/or the SRWMD’s project management consultant with respect to Project Management activities and technical mapping activities.

Task 1.1 - Earned Value Data Entry

Earned Value data entry involves updating cost, schedule and performance (physical percent complete) in the MIP. Once the baseline has been established in the MIP, either by AECOM or others, AECOM shall input the performance and actual cost to date for identified tasks. This will be completed at a minimum once every 30 days and at the completion of the task. AECOM will also populate the MIP with appropriate leverage information and the amount of data used by the Flood Risk Project. AECOM will maintain a Schedule Performance Index (SPI) and Cost Performance Index (CPI) of at least 0.92. Special Problem Reports (SPR) explaining any variance must be submitted in a timely manner as required or requested by SRWMD staff, SRWMD’s authorized contractor, FEMA or FEMA’s authorized contractors.

Task 1.2 - Project Risk Identification and Mitigation

Threats to the planned completion of a project may come from various sources. AECOM will identify potential project risks during the planning phase and monitored throughout the project, so that potential impact can be assessed, and solution strategies developed and implemented as needed. The following potential project risks were identified in MAS 19.16.f.

Table 1.4 Project Risks Identified in MAS 19.16.f

Project Risk	Potential Impact	Solution Strategy
Improved mapping might place significant number of homes and businesses into special flood hazard areas, resulting in community CEO’s rejecting or obstructing maps.	Project delays, additional expenses, loss of community support for map updates despite more accurate depiction of flood risk.	SRWMD may provide newsletters to stakeholders, will keep open channels for communication and will maintain cordial relations during the process. Also, SRWMD mapping memo is referenced to map broad shallow flooding areas < 1 foot as Zone X Shaded, consistent with FEMA policy. Study contractors and CTP will visit community reps before project initiation and during project to build positive relationships. The outcome of these meetings will be conveyed to the FEMA Region IV Project Officer.
Federal Register Delays	Project delays, additional expenses, and increased outreach needs.	AECOM will identify a range of acceptable Federal Register publication dates and align project schedules to minimize risk of delays.

Project Coordination Delays	Project timeline is delayed due to outside products such as leverage data or models not being available when anticipated.	Maintain contact with all outside sources and stay up to date with any anticipated delays in order to enter them into the project timeline and planning with as much warning as possible. Helps to align resources when needed and avoid un-planned downtime.
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Task 1.3 – Project Status Calls

AECOM will participate in routine conference calls with FEMA, SRWMD, and other contractors working for FEMA and SRWMD.

Task 2. Perform Community Engagement and Project Outreach

The activities listed below are intended to support on-going project efforts that foster working relationships between Federal, state and local governments with private and public interests to reduce the impact of natural disasters where a community’s interaction with a natural hazard may be altered or averted. AECOM will work with SRWMD staff and the FEMA Regional Office during the initiation of this activity to develop the Project Outreach and Communication Plan (POCP) to support the implementation of the mapping project. The FEMA Regional Office will have access to many customizable outreach tools that have been developed for this process to support each touchpoint that the PMT has with the community.

It is expected that including these approaches will assist in increased risk awareness and the development of actionable measures to reduce risk within the Flood Risk Project footprints. These activities will be implemented to:

- Increase the understanding of natural hazard risk within a community.
- Support local efforts to reduce natural hazard risk within a community or watershed area.
- Increase the effectiveness of meetings and engagement opportunities with communities throughout the Risk MAP life cycle.

Task 2.1 - Project Initiation Meeting and 30-Day Review of Proposed Models

This meeting will serve to discuss the project scope and timeline, set expectations for communities with regard to risk communication, share methods and data to be used in the mapping efforts if included in the project, and answer local questions about the project. If regulatory product updates are included, this meeting can also serve as the required coordination with communities regarding the expected results (increasing/decreasing flood hazard areas/depths, etc.). AECOM will facilitate this virtual or in-person meeting.

In addition, per FEMA requirements, before the data development tasks supporting a Flood Risk Project that includes a FIRM update begin, the communities affected by the flood insurance study update must be notified of the planned model or models to be used. The affected communities will be provided with a 30-day period beginning upon notification to consult with FEMA, SRWMD, and AECOM regarding the appropriateness of the mapping model or models to be used. The results of the consultation do not necessarily guarantee that a change will be made. AECOM will provide the initial notification of communities as a lead-up to the project initiation meeting, facilitate coordination throughout the 30-day review, and document decisions for SRMWD and FEMA.

Task 2.2 – Flood Risk Review Meeting and 30-Day Review of Completed Models, Work Maps, and Database

AECOM will develop an engagement plan to reach the key community stakeholders, such as local officials and community partners, during the Flood Risk Review period. The Flood Risk Review Meeting will serve to provide communities with engineering data and drafts of Flood Risk products, collect feedback, and revise as needed. It will also provide the opportunity to show how the datasets and outreach tools can help communities become more resilient by understanding risk data, communicating about risk, prioritizing mitigation actions and improving mitigation plans, especially risk assessments and mitigation strategies. AECOM will perform the planning, presenting, and facilitating discussions of data inputs and engineering models used for flood studies with community officials. In addition, draft work maps showing initial study results will be presented during the meeting. This meeting will also be used to kick off the 30-day review of materials at the workmap stage (workmap, associated models, etc.) required.

Per FEMA requirements, when a Flood Risk Project will include new or updated FIRM panels, the communities must be provided with access to the draft FIRM database and other contributing data, as requested, by the conclusion of Quality Review 1. The communities must also be provided with a 30-day period during which they may provide data to FEMA, SRWMD, and AECOM that can be used to supplement or modify the existing data. AECOM will provide the initial notification of the 30-day review period and will incorporate community-submitted data into the project, as appropriate.

All community-submitted data or information submitted will be evaluated by AECOM and reviewed with the SRWMD for inclusion. While data can be submitted in any format data, it is preferred that the data submitted be consistent with prevailing engineering principles or demonstrate scientific incorrectness by one or more of the following:

- Identifying and providing documentation of the methods or assumptions purported to be scientifically incorrect.
- Providing supporting data as to why the methods or assumptions used are not appropriate.
- Providing new or alternative analysis and mapping data utilizing methods consistent with prevailing engineering principles and meeting FEMA's Standards.
- Providing technical information or data indicating why the provided new or updated analysis and mapping should be accepted as more correct.

Task 2.3 - Public Outreach Meeting Prior to Preliminary Map Release.

This meeting will serve to provide communities with drafts of Preliminary Flood Risk products, collect feedback, and uncover/investigate any issues prior to submitting Preliminary Maps. It will also provide another opportunity to show how the datasets and outreach tools can help communities become more resilient by understanding risk data, communicating about risk, prioritizing mitigation actions and improving mitigation plans, especially risk assessments and mitigation strategies. AECOM will perform the planning, presenting, and facilitating discussions of the proposed preliminary maps with the public; build acceptance of the map revisions, and identify and address potential problems prior to entering formal preliminary map release and comment periods.

Task 2.4 - Television, Radio and Social Media Outreach

SID 622 requires that the Project Team, in coordination with the appropriate staff in the Regional Office of External Affairs, other FEMA staff, and community officials, engage with local radio, television and social media outlets in an effort to further educate property owners about flood map revisions and appeals processes. AECOM will work with SRWMD staff to develop two public service announcements, one at the onset of the appeals period and one at the onset of the community compliance period, in order to meet the requirement. AECOM will provide information under direction of SRWMD staff for any additional television, radio and/or social media outlet outreach efforts.

Task 2.5 - Resilience Meeting

The meeting will provide a comprehensive view of mitigation planning, mitigation options available to communities, sharing of success stories, and potential mitigation actions that communities can initiate. AECOM will perform the planning, presenting and facilitation of community discussions related to mitigation plan status, community risks and hazards, local mitigation action opportunities and best mitigation practices. Mitigation strategies that communities have implemented or progressed on since Discovery should be documented at, or before, this meeting. In addition, discussions about a community's outreach plans during this meeting help enable local officials to begin or strengthen local risk communication. AECOM will prepare for and facilitate this meeting by performing the following tasks:

- Conduct listening sessions with community stakeholders to understand their mitigation priorities and inform the Resilience Meeting agenda.
- Foster relationships between community stakeholders and Federal and State partners to improve the local ability to take mitigation action.
- Reach out to meeting invitees through personalized follow-up emails and calls.
- Stand up a Resilience Team composed of SRWMD staff, FEMA Regional staff and Subject Matter Experts to prepare for the Resilience Meeting and support the community.
- Brief local elected officials to promote understanding about the importance of community-wide resilience and the community's flood risk.
- Facilitate meeting.
- Provide community-specific applications/ explanations of Flood Risk Products to educate community officials on how to leverage the products to achieve or inform mitigation projects.
- Coordinate with other key stakeholders, such as government agencies and non-profits, who will work with the community towards resilience in a "Resilience Marketplace".

- Provide the community with a media relations strategy template and sample tools (e.g., media advisory, talking points) to promote community understanding of flood risk and further the discussion of important community mitigation projects.
- Create a Resilience Report and dataset.
- Update the Mitigation Action Tracker with identified and/or advanced community mitigation activities.

Task 2.6 - Final Consultation and Coordination Officer (CCO) Meeting and Public Meeting Support

These meetings will provide local officials an opportunity to verify the appropriate revisions have been made to previously demonstrated information, take ownership of the products, and deliver the results of the project to the local citizenry. AECOM will perform the planning, presenting and facilitating of discussions with community officials for awareness and acceptance of regulatory products.

The purpose of the CCO meeting will be review data inputs to a flood study, preview changes to preliminary FIRM data and maps, discuss newly identified flood risk and community actions to reduce risk, and provide information about the appeals period, map adoption, and insurance impacts. AECOM will perform the following tasks:

- Develop or enhance relationships with key community stakeholders to increase the reach of messages about risk and to improve the local will and ability to take mitigation actions.
- Drive attendance: Reach out to meeting invitees through personalized follow-up emails and calls.
- Facilitate meeting.

AECOM will also support SRWMD staff and the local officials at the Public Meetings for a total of 40 manhours.

Task 2.7 - Status Reports

In addition to Risk MAP meetings, to facilitate information sharing and a continuing dialogue between the PMT and the community, AECOM will provide communities with regular status reports outlining the current project status, key accomplishments to date, identified risks, if any, and next steps including estimated next meeting date and meeting content (template to be provided from FEMA or can be created by Mapping Partner). These status reports will be provided to SRWMD and FEMA for review before electronic distribution. Project update status reports will be distributed to communities at mid-points between the meetings above, and between the Final Meeting and effective date, to help introduce and prepare the communities for upcoming discussions.

Task 3. Develop Flood Risk Products

Risk assessment data and analyses are defined as processes for 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. AECOM will develop Flood Risk Products for study areas as listed in Table 1.5.

Table 1.5 Flood Risk Products

	Flood Risk Product / Data Set	New Flood Hazard Analysis Conducted	No New Flood Hazard Analysis Conducted
Flood Risk Dataset	Flood Risk Database	Required per MAS 19.16.f	Required per MAS 19.16.f
	Changes Since Last Firm	Required per MAS 19.16.f	Not Applicable
	Water Surface Elevation Grids	Required per MAS 19.16.f	Optional per MAS 19.16.f
	Flood Depth Grids	Required per MAS 19.16.f	Optional per MAS 19.16.f
	Percent Annual Chance & Percent 30-year Chance Grids	Required per MAS 19.16.f	Optional per MAS 19.16.f
	Flood Risk Assessment	Required per MAS 19.16.f	Required per MAS 19.16.f
	Areas of Mitigation Interest	Required per MAS 19.16.f	Required per MAS 19.16.f
	Flood Risk Map	Optional per MAS 19.16.f	Optional per MAS 19.16.f
	Flood Risk Report	Optional per MAS 19.16.f	Optional per MAS 19.16.f

Task 4. Perform Field Survey

AECOM shall conduct a detailed field reconnaissance of the specific study area to determine conditions along the floodplain(s), types and numbers of hydraulic and/or flood-control structures, apparent maintenance or lack thereof of existing hydraulic structures, locations of cross sections to be surveyed, and other parameters needed for the hydrologic and hydraulic analyses.

AECOM shall conduct field surveys, including obtaining channel and floodplain cross sections, identifying or establishing temporary or permanent benchmarks, and obtaining the physical dimensions of hydraulic and flood-control structures.

Task 5. Develop Topographic Elevation Data

AECOM shall obtain topographic data for the floodplain areas to be studied including overbank areas. These data will be used for hydrologic analysis, hydraulic analysis, coastal analysis, floodplain boundary delineation and/or testing of floodplain boundary standard compliance. AECOM shall gather availability, currency, and accuracy information for existing topographic data covering the affected communities in this project. AECOM shall use topographic data for work in this project only if it is better quality than that of the original study or effective studies. AECOM will ensure that the FEMA Geospatial Data Coordination Policy and Implementation Guide is followed, and the data obtained or to be produced are documented properly as per those policies and guidelines. AECOM shall utilize the data collected under this task and via field surveys to create a best available digital elevation model for the subject flooding sources.

AECOM shall use existing topographic data for the areas so described in the Table 1.6 Summary of Topographic Data table.

In addition, AECOM shall address the concerns or questions regarding the topographic data development that are raised during the Independent QA/QC review.

Table 1.6 Summary of Topographic Elevation Data

Beginning and End Points of Topo Data Collection	Data Type and Post Spacing	Accuracy and Year Acquired	Source/Data Vendor	Contact Information	Use Restrictions
Upper Suwannee Watershed	DEM 5-ft pixels based on LiDAR collected per FEMA/USGS standards	RMSE +/- 0.6 ft bare earth Collected in 2009-2017	SRWMD	Paul Buchanan SRWMD	None
Lower Suwannee Watershed	DEM 5-ft pixels based on LiDAR collected per FEMA/USGS standards	RMSE +/- 0.6 ft bare earth Collected in 2009-2017	SRWMD	Paul Buchanan SRWMD	None

Task 6. Prepare Base Map

AECOM shall prepare and provide the digital base map, including:

- Obtain digital files of the base map. In coordination with the partner who performed Project Discovery, ensure that the FEMA Geospatial Data Coordination (GDC) Policy and Implementation Guide are followed.
- Secure necessary permissions from the base map source to allow FEMA’s use and distribution of hardcopy and digital map products using the digital base map, free of charge.
- Review and supplement the content of the acquired base map to comply with FEMA standards.
- For the base map components that have a mandatory data structure, convert the base map data to the format required in FEMA standards.
- Certify that the digital data meets the minimum standards and specifications that FEMA requires for FIRM production.

In addition, AECOM shall address concerns or questions regarding the base map that are raised during the Independent QC review, or during the MIP Validate Content Submission Process. Orthophotos, hydrography, PLSS lines, and corporate boundaries will be acquired from SRWMD and verified to be accurate and acceptable for use in FEMA projects.

Task 7. Develop Hydrologic Data

AECOM shall perform hydrologic analyses for the flooding source(s) identified in Table 1.7: Summary of Hydrologic Analyses. AECOM will perform the determination of peak flood discharges, using rainfall-runoff models, regression equations, gage analysis, and hydrograph development to support the level of detail required for the project. AECOM shall calculate peak flood discharges and/or flood hydrographs for the 50%,10%, 4%, 2%, 1%, "1% plus" and 0.2% annual chance events using the analysis method listed in Table 1.7. The "1-percent-plus", or "1%+", annual chance flood elevation will be modeled and included on the flood profile. While not used for regulatory or insurance purposes, this flood event will be calculated to help illustrate the variability range that exists between the regulatory 1-percent-annual-chance flood elevation and a 1-percent-annual-chance elevation that has taken into account an additional amount of uncertainty in the flood discharges (thus, the 1% "plus"). For flooding sources whose discharges are estimated using regression equations, the 1%+ flood elevations will be derived by taking the 1-percent-annual-chance flood discharges and increasing the modelled discharges by a percentage equal to the average predictive error for the regression equation. For flooding sources with gage- or rainfall-runoff-based discharge estimates, the upper 84-percent confidence limit of the discharges will be used to compute the 1%+ flood elevations.

These seven flood discharges will be the basis for subsequent Hydraulic Analyses performed under this project. In addition, AECOM will be responsible for addressing comments resulting from the independent QC, including resubmittal of deliverables as needed to pass the technical review.

AECOM shall document automated data processing and modeling algorithms and provide the data to FEMA to ensure these are consistent with FEMA standards. Digital datasets (such as elevation, basin, or land use data) are to be documented and provided to FEMA for approval before performing the hydrologic analyses to ensure the datasets meet minimum requirements.

AECOM will compare the calculated, or computed, discharge with discharge determined from reliable gage data provided by the SRWMD, if any. This comparison will only be done at locations where the two discharge values are considered representative of the same flooding source. Results of this comparison will be used in making a professional judgment for determining the discharge to be used for the hydraulic analysis.

Table 1.7 Summary of Hydrologic Analyses

Study Area / Flooding Source	Method	Square Miles of Leveraged Hydrology	Square Miles of New Hydrology
N/A			

Task 8. Perform Hydraulic Analyses

AECOM shall perform hydraulic analyses as described in Table 1.8: Summary of Hydraulic Analyses. AECOM will establish and review regulatory floodways and flood elevations for the 50%,10%, 4%, 2%, 1%, "1% plus" and 0.2% annual chance events based on flood discharge rates computed under Develop Hydrologic Data.

The hydraulic methods used for this analysis may include base level and/or enhanced level hydraulic modeling. The base level will use an automated hydraulic model and use the best available elevation data to model the 50%,10%, 4%, 2%, 1%, "1% plus" and 0.2% annual chance events. It may not include field surveys, floodways, or mapped Base Flood Elevations (BFEs) but will include mapped A or AE zones per Table 1.8. The enhanced level may include field surveys, floodways, and the 50%,10%, 4%, 2%, 1%, 1% plus and 0.2% annual chance events, using methods described in Table 1.8. AECOM, at a minimum, must delineate the floodplain and floodway, if applicable, boundaries of the base flood. AECOM must also delineate the floodplain boundaries associated with the 0.2-percent-annual-chance flood, if it is calculated.

AECOM shall use the cross-section and field data collected during Perform Field Survey and the topographic data collected during the Develop Topographic Data, when appropriate, to perform the hydraulic analyses. The hydraulic analyses will be used to establish flood water surface elevations, floodplain extents, and regulatory floodways for the listed study area or flooding sources.

If applicable, AECOM shall use the FEMA CHECK-2 or cHECK-RAS checking program to verify the reasonableness of the hydraulic analyses. To facilitate the independent QA/QC review, AECOM shall provide explanations for unresolved messages from the CHECK-2 or cHECK-RAS program, as appropriate. In addition, the CTP shall address concerns or questions regarding

the hydraulic analyses that are raised during the independent QA/QC review including resubmittal of deliverables as needed to pass the technical review.

Table 1.8 Summary of Hydraulic Analyses

Study Area / Flooding Source	Hydraulic Analysis Option	Total Miles of New Base Level or Enhanced Level Hydraulics	Description of Level of Study- i.e., AE with BFE or A Zone mapping
N/A			

Task 9. Perform Floodplain Mapping

AECOM shall perform floodplain mapping for the flooding sources studied within Tasks 7 and 8. AECOM will perform mapping of the 1% and 0.2% annual chance event floodplains and regulatory floodways based upon updated topographic data.

Table 1.10 Summary of Floodplain Mapping

Study Area / Flooding Source	Method	Mapping Type (A/AE)	Miles	Topographic Data Source
N/A				

AECOM shall incorporate the results of effective Letters of Map Change (LOMC) for affected communities on the FIRM and provide to the appropriate PTS the required submittals for incorporation into the National Flood Hazard Layer (NFHL). Also, the CTP shall address concerns or questions regarding Floodplain Mapping that are raised during the independent QA/QC review.

Task 10. Develop FIRM Database

AECOM shall prepare the database in accordance FEMA standards and guidance, including relevant Technical Reference documents, for upload to the MIP. AECOM is responsible for confirming and/or obtaining revised or updated guidance from the region. AECOM shall coordinate with the RSC to complete and submit the Key Decision Point (KDP) 2 form prior to Quality Review (QR) 1.

Task 11. Produce and Distribute Preliminary Map Products

AECOM shall apply the final FEMA FIRM graphic and database specifications to the FIRM files produced under Floodplain Mapping for the panels identified in Table 1.11. This work shall include adding the required annotation, line pattern, area shading, and map collar information (e.g., map borders, title blocks, legends, and notes to user).

Task 11.1 – Preparation of Preliminary SOMA

AECOM shall prepare a Preliminary Summary of Map Actions (SOMA) for the affected communities, if appropriate.

Task 11.2 – Update CNMS Regional File Geodatabase

The CNMS Regional File Geodatabase is to reflect changes to the existing inventory applicable to scoped studies, study extents and attributes.

Table 1.11 FIRM Panel Summary

Watershed / Area of Study	County / Communities	Number of Revised Panels
Upper Suwannee Watershed (03110201)	FL – Portions of Baker, Columbia, Hamilton and Suwannee Counties	122
Lower Suwannee Watershed (03110205)	FL – Portions of Dixie, Gilchrist, Lafayette, Levy, Madison and Suwannee Counties	194

The Distribute Preliminary Map Products task consists of the final preparation, review, and distribution of the Preliminary copies of the FIRM and FIS report and the Preliminary SOMA and Risk Assessment products to community officials and the

general public for review and comment. AECOM shall prepare and submit the KDP3 required documentation to be reviewed and approved at both the FEMA Regional and Headquarters level. Preliminary distribution cannot begin until this process is approved at all levels.

Task 11.3 - Preliminary Transmittal Letter Preparation

AECOM shall prepare letters and transmit the Preliminary copies of the FIRM and FIS report and related enclosures to the affected communities, other Project Team members, the State NFIP Coordinator, the FEMA Regional Office, the SRWMD, and others as directed by FEMA or SRWMD staff. This letter may be prepared using the national or regional template with FEMA letterhead/logo and with FEMA signature only, or (when pre-approved by the FEMA Regional Office) on FEMA and SRWMD joint letterhead for signature by FEMA and the SRWMD staff.

Task 11.4 - Distribution of Preliminary Package

AECOM shall distribute the Preliminary copies of the FIRM and FIS report, Preliminary SOMA (as applicable) and Risk Assessment products (as applicable) to the affected communities, all other Project Team members, the State NFIP Coordinator, the FEMA Regional Office, SRWMD and others as directed by FEMA and SRWMD staff.

Task 12. Post-Preliminary Map Production

The Post-Preliminary activity consists of completing the statutory, regulatory and administrative activities required to finalize the FIRM and FIS report after the Preliminary copies of the FIRM and FIS report have been issued to community officials and the public for review and comment. FEMA may audit or assist in these activities as necessary. The activities to be performed are summarized below. In addition, additional Stakeholder Engagement tasks and the Final (CCO) Meeting and Public Meeting are held during this time, as described in the Risk MAP Meetings Section of the Perform Community Engagement and Project Outreach task.

Task 12.1 - News Release Preparation

AECOM shall use the MIP in accordance with FEMA standards to create Expanded Appeals Process (EAP) notices and/or news releases for studies that result in new or modified BFEs or base flood depths and/or new or modified flood hazard information. This includes additions or modifications of any SFHA boundary, SFHA zone designation, or regulatory floodway within a community in coordination with SRWMD staff. FEMA, or FEMA's designee, shall perform QA/QC reviews of the FHD information for accuracy and compliance with FEMA format requirements.

Task 12.2 - Initiation of Statutory 90-Day Appeal Period

When required, upon completion of a 30-day community comment period and/or final coordination meeting with the affected communities, the following activities are completed in accordance with the current version of the FEMA standards, appropriate guidance, and Document Control Procedures Manual:

- AECOM shall prepare and submit the KDP4 required documentation to be reviewed and approved at both the FEMA Regional and Headquarters level. FHD notice publication cannot begin until this process is approved at all levels.
- AECOM shall meet with the FEMA Regional Office of External Affairs, other FEMA staff, SRWMD staff community officials, to discuss the mapping project and at a minimum provide a local PSA statement to local radio and television as well as social media outlets to further educate property owners about appeals processes.
- AECOM shall prepare and deliver to FEMA, or its designee, the appropriate flood hazard determination notice(s) to be published in the Federal Register. FEMA standards and guidance shall be followed.
- AECOM shall send proposed Flood Hazard Determination notification letters and verify confirmation of receipt to meet FEMA standards and guidance, using the Appeal Start template to the community CEOs, SRWMD staff and floodplain administrators.
- AECOM shall coordinate with SRWMD staff to ensure that news release notifications of Proposed Flood Hazard Determination changes are published in prominent newspapers with local circulation in accordance with 44 CFR Part 67.4.

FEMA, or its designee, shall perform QA/QC reviews of the Federal Register notice, community notification letters and news release notifications for accuracy and compliance with FEMA format requirements.

Task 12.3 - Resolution of Appeals and Comments

AECOM shall review and resolve appeals and comments received during the 90-day appeal period in accordance with FEMA standards. For each appeal and comment, the following activities shall be conducted as appropriate:

- Prepare and mail acknowledgment letter on FEMA letterhead with FEMA signature, copying SRWMD staff, following FEMA concurrence.
- Perform technical review of submitted information.
- Prepare interim communication letter(s) requesting additional supporting data, copying SRWMD staff, as needed.
- Perform revised analyses, if necessary, upon FEMA direction.
- Prepare a draft resolution letter for appeals and comments, on FEMA letterhead for FEMA signature, and (as necessary) revised FIRM and FIS report materials for FEMA review.
- Mail resolution letter(s) upon FEMA concurrence, copying SRWMD staff.
- Update CNMS as appropriate when resolving appeals/comments.
- Update the Risk Assessment Suite as needed (and directed by FEMA) for appeal resolutions.

Task 12.4 - Preparation of Special Correspondence

AECOM shall, at the request of FEMA, respond to comments not received within the 90-day appeal period and before the maps are effective (referred to as "special correspondence") including drafting responses for FEMA review and finalizing responses for signature. AECOM shall mail the final correspondence (and enclosures, if appropriate) and distribute appropriate copies (one of which shall be SRWMD staff) of the correspondence and enclosures upon authorization from FEMA. AECOM shall prepare all associated correspondence using FEMA letterhead and mail upon authorization by FEMA. When approved by FEMA, correspondence may be on joint FEMA-SRWMD letterhead and co-signed by FEMA and AECOM.

Task 12.5 - Revision and Finalization of FIRM and FIS Report

If necessary, AECOM shall coordinate with FEMA and SRWMD staff to determine the appropriate level of effort to revise the FIRM and FIS report and shall distribute revised Preliminary copies of the FIRM and FIS report to the CEO and floodplain administrator of each affected community, all other Project Team members, the State NFIP Coordinator, the FEMA Regional Office, SRWMD staff and others as directed by FEMA. AECOM shall finalize the FIRM and FIS, including incorporating effective Letters of Map Revision, in accordance with FEMA standards and guidance, and upload final products to the MIP for automated and visual National QRs (Quality Review 5 and Quality Review 7) in accordance with FEMA standards. All work must pass appropriate QRs prior to issuance of the Letter of Final Determination.

Task 12.6 - Processing of Letter of Final Determination

AECOM shall prepare and submit the KDP5 required documentation to be reviewed and approved at both the regional and headquarters level. QRs 5, 6, 7 and processing of the Letter of Final Determination (LFD) cannot begin until this process is approved at all levels. AECOM should follow the regional submittal guidelines on all KDP5 packages as each region has their own processes set up to review this documentation. AECOM shall work with SRWMD and FEMA to establish the effective date for the FIRM and FIS report and shall prepare LFDs for affected communities. AECOM shall submit the LFD Package for Quality Review 6 per FEMA standards, in coordination with the Region and its designated contractor. FEMA, or its designated contractor, shall mail the final signed LFDs and enclosures and distribute appropriate copies of the signed LFDs. All work must pass the automated and visual National QRs (Quality Review 5 and Quality Review 7) and QR of the LFD package (Quality Review 6) prior to the distribution of the LFD letters.

Task 12.7 - Final SOMA Preparation

AECOM shall prepare Final SOMAs for the affected communities with assistance from FEMA, or its designee, as appropriate.

Task 12.8 - Final Flood Hazard Determination Notice

Typically, the Final Flood Hazard Determination Notice to be published in the Federal Register is generated from the Proposed Notice. In the event that updates or corrections are needed prior to publication of the final notice, AECOM shall prepare the appropriate notices and deliver those notices to FEMA, or its designee, for review and publication.

Task 12.9 - Processing of Final FIRM and FIS Report for Printing

AECOM shall prepare final reproduction materials for the FIRM and FIS report and provide these materials to FEMA, or its designee, in accordance with FEMA standards and guidance for printing by the Map Service Center (MSC); please refer to the Data Capture Technical Reference. AECOM shall also prepare the appropriate paperwork to accompany the FIRM and FIS report and transmittal letters to the community CEOs. AECOM will submit these products for Quality Review 7 (QR7) and Quality Review 8 in accordance with FEMA standards and guidance. The products must pass QR7 prior to issuance of the LFD letters.

Task 12.10 - Revalidation Letter Processing

AECOM shall prepare and distribute letters for FEMA signature to the community CEOs and floodplain administrators, coping SRWMD staff, to notify the affected communities about Letters of Map Change for which determinations will remain in effect after the FIRM and FIS report become effective. AECOM shall update the MIP SOMA tool as necessary to prepare and submit the Revalidation Letters and Revalidation Docket to FEMA, or its designee, for review and approval prior to distributing the letters to communities. The Revalidation Docket and Letters must be submitted for review 4–5 weeks prior to the effective date and mailed to communities 2 to 4 weeks before the effective date. After distribution of the revalidation letters, AECOM shall send copies of the official dated letters to SRWMD and FEMA, or its designee, for submittal to the LOMC subscription service.

Task 12.11 - Archiving Data

AECOM shall ensure that technical and administrative support data are packaged in the FEMA required format and stored properly in the library archives until transmitted to the FEMA Engineering Study Data Package Facility. In addition, AECOM will maintain copies of all data for a period of no less than three years from the submission of the Final Report for award management.

STANDARDS

The standards relevant to this project are presented in FEMA Policy 204-078-1 Standards for Flood Risk Analysis and Mapping, Revision 8, dated February 2019, located at <https://www.fema.gov/flood-maps/guidance-reports/guidelines-standards>. This Policy supersedes all previous standards included in the *Guidelines and Specifications for Flood Hazard Mapping Partners*, including all related appendices and Procedure Memorandums (PMs). Additional information and links to FEMA Technical References, Procedure Manuals, guidance documents, templates and other resources may be accessed and downloaded at <http://www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping>. Revisions to the Policy memo are on a regular basis. Some changes / updates are considered low impact, not requiring any scope, financial, process or technology changes to implement. CTPs should always check for the latest version of the Policy memo to evaluate potential standards updates.

To facilitate the use of standards and related documents, users can access the FEMA Guidelines and Standards Master Index located here: <https://www.fema.gov/media-library/assets/documents/94095>. This index provides a cross-reference of documentation available for Flood Risk Projects, Letters of map Change and related RiskMAP activities. The cross-referenced relationships are organized and accessible through linkages for standards, guidance, technical references and templates. The maser index is updated in coordination with the FEMA Policy Memo noted above.

CTPs and their sub-awardees must comply with FEMA's Federal Regulation in Chapter 44 of the Code of Federal Regulations (CFR), specifically Parts 65, 66 and 67, the Document Control Procedures Manual (available here: www.fema.gov/media-library/assets/documents/6859), and the appropriate year CTP Notice of Funding Opportunity and Agreement Articles. CTPs shall also coordinate with their Regional office to determine additional standards that should be met.

DELIVERABLES

AECOM will make the following products available to SRWMD by uploading the digital data to the MIP in accordance with the current Data Capture Technical Reference and Technical Support Data Notebook (TSDN) requirements where applicable.

Task 1. Project Management

- Monthly Earned Value data reporting through the MIP with variance explanations to support management of technical mapping activities within specified time frame, for both Regulatory and Flood Risk Products.
- Management of SPI/CPI performance for an organization.
- Overall project Quality Management Plan including QA/QC maintenance information, such as maintaining a QA/QC log and providing a QA/QC approach to FEMA for review and approval.
- Management of adherence to scope of work and quality of work for an organization.

Task 2. Community Engagement and Project Outreach

- A Project Communication Plan detailing outreach and coordination activities
- AECOM will upload relevant data to MIP Outreach tasks per the Standards above.
- Watershed/Community Assessment outputs, including logs of telephone discussions (if applicable)
- Meeting invitation, agenda, presentation slides (as requested), and meeting notes for FEMA review

- Action Identification and Advancement Plan
- Project update status reports for project communities
- AECOM will provide documentation of adherence with the requirements for the community 30-day review of proposed models and 30-day review of work maps, completed models, and associated information.

Task 3. Develop Flood Risk Products

- Narrative of assumptions made and approaches taken for analysis.
- The Hazus system files (.hpr files).
- Global summary report.
- Direct damage and contents data used to populate tables in Flood Risk Report.
- Updated local parcel/building information, topographic data, etc. used in analysis.
- Description of data used that were not part of the default Hazus data sets.

Task 4. Perform Field Survey

- A report summarizing the findings of the field reconnaissance
- Digital photographs of cross section locations and structures
- Digital sketches of cross section and structure data
- Documentation of the horizontal and vertical datum
- National Geodetic Survey data sheets for Network Control Points used to control topographic data acquisition and ground surveys
- Digital versions of draft text for inclusion in the FIS report
- Digital survey data consistent with the Data Capture Technical Reference
- Metadata file complying with the NFIP Metadata Profiles Specifications
- Support documentation
- Certification of Work
- TSDN Narrative
- FIRM Database files
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken as outlined in the approved QA/QC Plan.

Task 5. Develop Topographic Elevation Data

- Bare Earth DEM
- Metadata file complying with the NFIP Metadata Profiles Specifications
- Support documentation and Certification of Work

Task 6. Prepare Base Map

- Metadata file complying with the NFIP Metadata Profiles Specifications;
- Digital base map files that comply with FEMA Standards;
- Written certification that the digital data meet the minimum standards and specifications;
- Digital versions of draft text for inclusion in the FIS report;
- Documentation that FEMA can use the digital base map;
- Documentation of the Horizontal and Vertical Datums as part of Base Map Project Narrative;
- Additional base map acquisition correspondence;

Task 7. Develop Hydrologic Data

- Digital copies of hydrologic modeling (input and output) files for the 50%, 10%, 4%, 2%, 1%, "1% plus" and 0.2% annual chance events.
- Digital hydrologic data consistent with the Data Capture Standards as described in the latest Technical Reference: Data Capture.
- FIRM Database files as described in the FIRM Database Technical Reference, Table 2.
- Metadata file complying with the latest Technical Reference: Metadata Profiles for Hydrology.
- Digital Summary of Discharges Tables presenting discharge data for the flooding sources for which hydrologic analyses were performed (for flooding sources to be mapped as Zone AE on the FIRM).
- Digital versions of draft text for inclusion in the FIS report.
- Digital versions of all backup data used in the analysis, including GIS data layers.

- A Hydrology Report summarizing the approach and results of the hydrologic analysis for each study area in Table 1.7.
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the hydrologic analysis as outlined in the approved QA/QC Plan.
- Written certification that the digital data meet the minimum standards and specifications.
- Written response to any comments resulting from the independent QA/QC review.
- If data is changed following the independent QA/QC review, then updated deliverables for the Develop Hydrologic Data task must be submitted to the MIP.

Task 8. Develop Hydraulic Data

- Digital copies of all hydraulic modeling (input and output) files for the 50%, 10%, 4%, 2%, 1%, "1% plus" and 0.2% annual chance events.
- Digital hydraulic data consistent with the Data Capture Standards as described in the latest Technical Reference: Data Capture.
- FIRM Database files as described in the FIRM Database Technical Reference, Table 2.
- Metadata file complying with the latest Technical Reference: Metadata Profiles for Hydraulics.
- Digital versions of draft text for inclusion in Section 5.2 Hydraulic Analyses of the FIS report.
- Digital Floodway Data Tables for each flooding source studied by detailed methods that is compatible with the FIRM database.
- Digital profiles of the 50%, 10%, 4%, 2%, 1%, "1% plus" and 0.2% annual chance events, representing existing conditions using the FEMA RASPLLOT program or similar software (for flooding sources studied by detailed methods).
- Digital versions of all backup data used in the analysis, including high water mark data for model calibration, GIS data layers, and any additional hydraulics data collected for use in the preparation of this Flood Risk Project.
- Complete set of digital work maps to be used at the Flood Engineering Review meeting. Work maps will include all appropriate GIS layers and be PDF files depicting effective and revised flooding, cross sections, streams and roads on an aerial base map.
- A Hydraulic Report summarizing the approach and results of the hydraulic analysis for each study area in Table 1.8.
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the hydraulic analyses as outlined in the approved QA/QC Plan.
- Written certification that the digital data meet the minimum standards and specifications.
- Where paper documentation is required by state law for professional certifications, the CTP may submit the paper in addition to a scanned version of the paper for the digital record. Please coordinate with the regional and/or state representative to verify state reporting requirements.
- Explanations for unresolved messages from the CHECK-2 or cHECK-RAS program, as appropriate.
- Written response to any comments resulting from the independent QA/QC review.
- If data is changed following the independent QA/QC review, then updated deliverables for the Develop Hydraulic Data task must be submitted to the MIP.
- Appropriate leverage information, including who paid for the data and the amount of data used by the Flood Risk Project.
- Demonstrated compliance with the Floodplain Boundary Standard, including a signed self- certification form.

Task 9. Perform Floodplain Mapping

- Digital floodplain mapping data consistent with the Data Capture Standards as described in the latest Technical Reference: Data Capture.
- A metadata file complying with the latest Technical Reference: Metadata Profile for floodplain Mapping.
- Support documentation and Certification of Work.
- FIRM database files as described in the FIRM Database Technical Reference, Table 2.
- Digital versions of input and output for any computer programs that were used consistent with the Data Capture Technical Reference and guidance (see draft language and coordinate with the Region regarding its appropriate usage). Digital versions of input and output for any computer programs that were used consistent with the Data Capture Technical Reference and guidance (see draft language and coordinate with the Region regarding its appropriate usage).
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the preparation of the FIRM as outlined in the approved QA/QC Plan.

- Any backup or supplemental information including supporting calculations and assumptions used in the mapping required for the independent QA/QC review of Floodplain Mapping consistent with the DCS (see draft language and coordinate with the region regarding its appropriate usage).
- Demonstrated compliance with the Floodplain Boundary Standard, including a signed self- certification form.
- An explanation for the use of existing topography for the studied reaches, if appropriate.
- Written summary of the analysis methodologies.
- Digital versions of draft text for inclusion in Section 6.3 Floodplain and Floodway Delineation of the FIS Report, Floodway Data Tables and updated Flood Profiles including all profiles and tables converted to the appropriate datum.
- If automated GIS-based models are applied, all input data, output data, intermediate data processing products, and GIS data layers shall be submitted consistent with the DCS (see draft language and coordinate with the region regarding its appropriate usage).
- Where paper documentation is required by state law for professional certifications, the CTP may submit the paper in addition to a scanned version of the paper for the digital record. Please coordinate with the regional and/or state representative to verify state reporting requirements.
- Provide updated products to SRWMD or SRWMD contractor to populate the Flood Mapper portal with the 50%, 10%, 1% and 0.2% chance events products needed to generate the reports.
- Updated CNMS data layer documenting flooding sources no longer deemed valid as a result of redelineation efforts.

Task 10. Develop FIRM Database

- FIRM database files, prepared in accordance with FEMA standards and in the required format(s);
- A metadata file complying with the FEMA NFIP Metadata Profile Specifications;
- Project Narrative;
- Certificate of Completion.

Task 11. Produce and Distribute Preliminary Map Products

- Preliminary FIRM database prepared in accordance with FEMA standards;
- Metadata file;
- FIS Report;
- Preliminary SOMA(s) prepared using the SOMA Tool on the MIP;
- Complete set of Preliminary FIRM panels showing all detailed flood hazard information at a suitable scale;
- Passing Quality Review report for:
 - QUALITY REVIEW 2: Auto Validation of Preliminary FIRM Database
 - QUALITY REVIEW 3: Visual Review of Preliminary Map Panels and FIS.
- Preliminary transmittal letters
- A preliminary copy of the FIRM and FIS report
- A self-certification document outlining the funded scope and comments per Region discretion.

Task 12. Post-Preliminary Processing

- Documentation that the appropriate Federal Register notices (Proposed and Final Flood Hazard Determinations) were published in accordance with FEMA requirements.
- Documentation that the news releases were published in accordance with FEMA requirements.
- Final community notification letters for starting the appeal period.
- Draft and final Special Correspondence (and all associated enclosures, backup data, and other related information) for FEMA review and signature, as appropriate.
- Draft and final Appeal and Comment acknowledgment, additional data, and resolution letters (and all associated enclosures, backup data, and other related information) for FEMA review and signature, as appropriate.
- Draft of the KDP 5 form for the Regions concurrence and submittal
- Draft and final LFDs (and all associated enclosures, backup data, and other related information) for FEMA review and signature.
- Passing Quality Review report for:
 - QUALITY REVIEW 4: Validate Proposed Flood Hazard Determination (FHD) Notice and CEO Letters
 - QUALITY REVIEW 5: Validate Final FIRM Database and FIRM Panels
 - QUALITY REVIEW 6: Check LFD Before Distribution
 - QUALITY REVIEW 7: Validate MSC Deliverables

- QUALITY REVIEW 8: MSC Review of Final Deliverables
- FIRM digital files and final FIS report materials including all updated data tables and Flood Profiles.
- Metadata file.
- Provide one hard copy and digital FIRM products to the community.
- Paperwork for the final FIRM and FIS report materials.
- Transmittal letters for the printed FIRM and FIS report.
- LOMC Revalidation Letters, if appropriate.
- Completed, organized, and archived technical and administrative support data.
- Completed, organized, and archived case files and flood elevation determination docket (FEDD files).
- CNMS Regional File Geodatabase to reflect changes to the existing inventory in scoped studies, study extents and attributes delivered to the respective FEMA Region or its designee within 15 days of LFD Issuance. A self-certification document outlining the funded scope and comments per Region discretion.

ANTICIPATED SCHEDULE AND FEE

Due to the size of this project, the number of communities, and the number of potentially affected members of the public, appropriate time needs to be added for adequate community outreach. District staff will be reaching out to the Counties, Communities, and the public at every step. Every effort shall be made to ensure that the activities documented in this proposal are completed in accordance with the estimated start and end dates. The scope is funded under 3 grant years, including the subject FY19 grant funds documented in Table 2.1. The portions of the scope not covered under FY19 are shown in Table 2.2. Although all three grant years are shown in table 2.2, this task work assignment only covers FY19.

Table 2.1 assumes that AECOM has received Notice to Proceed on or before April 13th, 2021. Should AECOM receive Notice to Proceed after April 13th, 2021, changes to this schedule will be required as well. If changes to this schedule are required, AECOM shall coordinate with FEMA, SRWMD, and the other mapping partners in a timely manner.

Table 2.1 – Project Activities Schedule and Fee

Activities	Estimated Start Date	Estimated End Date	Estimated Fee
Upper Suwannee Watershed Risk MAP Task 1 & 11 listed above	April 2021	February 2025	\$71,349
Lower Suwannee Watershed Risk MAP Tasks 1, 8 - 9&11 listed above	April 2021	February 2025	temp\$349,004
Total Not-to-Exceed Cost of Proposal			\$420,393

Table 2.2 Scoped Tasks by Grant Year Funding

Upper Suwannee	FY17	FY18	FY19	TOTAL
Task	Production			
Topo	\$10,000			\$10,000
Basemap	\$10,000			\$10,000
Survey	\$14,600			\$14,600
Hydrology	\$100,000			\$100,000
Hydraulics				
Zone A	\$70,986			\$70,986
Zone AE	\$165,549	\$41,497		\$207,046
Redelin				\$0
DFIRM		\$6,000		\$6,000
Prelim		\$69,573	\$71,349	\$140,922
FRP				
Grids		\$23,760		\$23,760
CSLF		\$2,592		\$2,592
HAZUS		\$10,000		\$10,000
AOMI		\$2,500		\$2,500
PPP		\$103,700		\$103,700
Outreach		\$48,000		\$48,000
	\$371,135	\$307,622	\$71,349	\$750,106

**Table 2.2 Scoped Tasks by Grant Year Funding
(cont'd)**

Lower Suwannee	FY17	FY18	FY19	TOTAL
Task	Production			
Topo	\$10,000			\$10,000
Basemap	\$10,000			\$10,000
Survey	\$17,000			\$17,000
Hydrology	\$152,000			\$152,000
Hydraulics				
Zone A	\$34,609			\$34,609
Zone AE	\$139,264	\$41,497	\$103,544	\$284,305
Redelin				\$0
DFIRM		\$12,000		\$12,000
Prelim			\$245,500	\$245,500
FRP				
Grids		\$14,396		\$14,396
CSLF		\$5,000		\$5,000
HAZUS		\$10,000		\$10,000
AOMI		\$5,000		\$5,000
PPP		\$164,900		\$164,900
Outreach		\$48,000		\$48,000
	\$362,873	\$300,793	\$349,044	\$1,012,710
Grand Total	\$734,008	\$608,415	\$420,393	\$1,762,816

Signature Page for AECOM. Task Work Assignment 20/21-066.003 FEMA FY19 Risk MAP services for Upper Suwannee Watershed (03110201) and the Lower Suwannee Watershed (03110205) as Identified in FEMA Mapping Activity Statement Number 19.16.f.

Signed this _____ day of _____, 2021, by CONSULTANT,
AECOM Technical Services, Inc.

By: _____
C. Scott Lee,
As its Vice President

Signed this _____ day of _____, 2021, by DISTRICT.

SUWANNEE RIVER WATER MANAGEMENT
DISTRICT

By: _____
Hugh Thomas
As its Executive Director

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: March 26, 2021

RE: Springs Funding Applications

RECOMMENDATION

Authorize the Executive Director to submit eight Springs Grant project applications to the Florida Department of Environmental Protection for Springs Restoration Funding.

BACKGROUND

On March 19, 2019, the Florida Department of Environmental Protection (FDEP) issued a memorandum regarding and formalizing the project selection process for Springs Funding. The District conducted a transparent and public process to select Springs Project proposals. This selection process consisted of outreach on the District website and through email notifications. The District met with potential applicants to discuss projects prior to the submittal deadline. The District received 23 applications which have been posted on the District's website.

In order to identify Springs Projects that restore and protect unique natural resources, the District solicited applications up to December 15, 2020 for the 2021 Springs Funding cycle.

Staff recommend submittal of five capital improvement projects at a cost of just over \$8.80 million and three land acquisition projects at a cost of approximately \$3.83 million to FDEP for review and approval. Staff project recommendations are consistent with the FDEP guidance on Springs Project Funding.

Attached is the District staff proposed projects recommendation list, a map that shows the project locations, and the FDEP Springs Project submittal spreadsheet which is available on the [District website](#).

PW/tm
Attachments

FY 2021-2022 SPRINGS

FY 2021-2022 - LAND ACQUISITION PROJECTS

Project Name	Total Cost	Fund Amount (for multi-yr only 1st year shown)	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi- year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per K gal supplied	Acres to be Acquired	Cost per Acre
Recommendation Favorable - Project meets the FDEP Guidelines and is recommended for submission to FDEP for funding consideration.													
Category Land Acquisition													
Rembert Property Conservation Easement Acquisition - Santa Fe River Basin Management Action Plan	\$2,000,000.00	\$1,000,000.00	\$1,000,000.00		26	\$26.75		0	1	0.0445		718	\$1,392.76
Entity Alachua County, Environmental Protection Department / Office of Land Conservation and Management	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5						
Conservation easement to protect 718 acres near Mill Creek Sink. Located in Santa Fe BMAP, Columbia-Hornsby-Treehouse Priority Focus Area, Outstanding Florida springshed and the Eastern Water Supply Planning Region.											Running Total Year 1	\$1,000,000.00	
											Running Total	\$1,000,000.00	
Telford Springs Land Acquisition	\$1,135,000.00	\$879,625.00	\$255,375.00					0				94	\$9,259.00
Entity Suwannee River Water Management District	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5						
Acquire 94 acres of land for conservation and provide public access to second magnitude spring. Located in the Suwannee BMAP, Troy Falmouth Peacock PFA , an Outstanding Florida Springshed and the Eastern Water Resource Planning Region.											Running Total Year 1	\$1,879,625.00	
											Running Total	\$1,879,625.00	
Adams Springs Acquisition and Restoration	\$1,990,178.00	\$1,950,000.00	\$2,600.00	33482				0				231	\$8,438.00
Entity Tall Timbers, Inc.	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5						
Land use change and acquisition to prevent further development in the Wacissa BMAP area, an Outstanding Florida Springshed. Parcel has eight springs. Impoundments will be removed to restore natural flow.											Running Total Year 1	\$3,829,625.00	
											Running Total	\$3,829,625.00	

FY 2021-2022 SPRINGS

FY 2021-2022 - CONSTRUCTION PROJECTS

Project Name	TotalCost	Fund Amount (for multi-yr only 1st year shown)	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi- year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per K gal supplied	Acres to be Acquired	Cost per Acre
Recommendation Favorable - Project meets the FDEP Guidelines and is recommended for submission to FDEP for funding consideration.													
Category Water Quality													
Newberry Enhanced Wetland Treatment Project	\$4,175,000.00	\$700,000.00	\$225,000.00		5,175	\$38.16		0 0	0.0425		\$12.73	55	
Entity City of Newberry	Is this a multi-year project?	Yes	Year 1	\$700,000	Year 2	\$3,100,000	Year 3	\$50,000	Year 4	\$50,000	Year 5	\$50,000	
Upgrade existing WWTF to reduce nutrients in the Santa Fe BMAP and Devil's Ear PFA and provide reclaimed water for recharge in the Eastern Water Supply Planning Region .											Running Total Year 1	\$4,529,625.00	
												Running Total	\$7,779,625.00
High Springs SRWMD WWTF Expansion	\$6,736,500.00	\$2,582,400.00	\$290,000.00	\$3,864,100	4,278	\$15.09		0	0.23				
Entity City of High Springs	Is this a multi-year project?	No	Year 1		Year 2		Year 3		Year 4		Year 5		
Added funds to expand the WWTF capacity , reduce nutrients and provide recharge with reclaimed water in the Santa Fe BMAP and Eastern Water Resource Planning Region.											Running Total Year 1	\$7,112,025.00	
												Running Total	\$10,362,025.00
WW Sys. Ext., Phase VII, Lancaster Correctional Facility and Aquifer Recharge	\$2,900,000.00	\$2,900,000.00			3,010	\$24.09		0	0.028		\$14.19		
Entity Nature Coast Regional Water Authority (NCRWA)	Is this a multi-year project?	No	Year 1		Year 2		Year 3		Year 4		Year 5		
Extend force main from Lancaster to Fanning's WWTF to improve nutrient reduction in the Suwannee BMAP, Fanning Manatee PFA and provide recharge in the Eastern Water Supply Planning Region.											Running Total Year 1	\$10,012,025.00	
												Running Total	\$13,262,025.00
BBWA 2021-2022 Septic to Sewer Project	\$2,624,100.00	\$2,624,095.00			1,129	\$77.48		0					
Entity Big Bend Water Authority	Is this a multi-year project?	No	Year 1		Year 2		Year 3		Year 4		Year 5		
Central sewer connection to remove 145 septic systems to reduce nutrients.											Running Total Year 1	\$12,636,120.00	
												Running Total	\$15,886,120.00

FY 2021-2022 SPRINGS

FY 2021-2022 - CONSTRUCTION PROJECTS

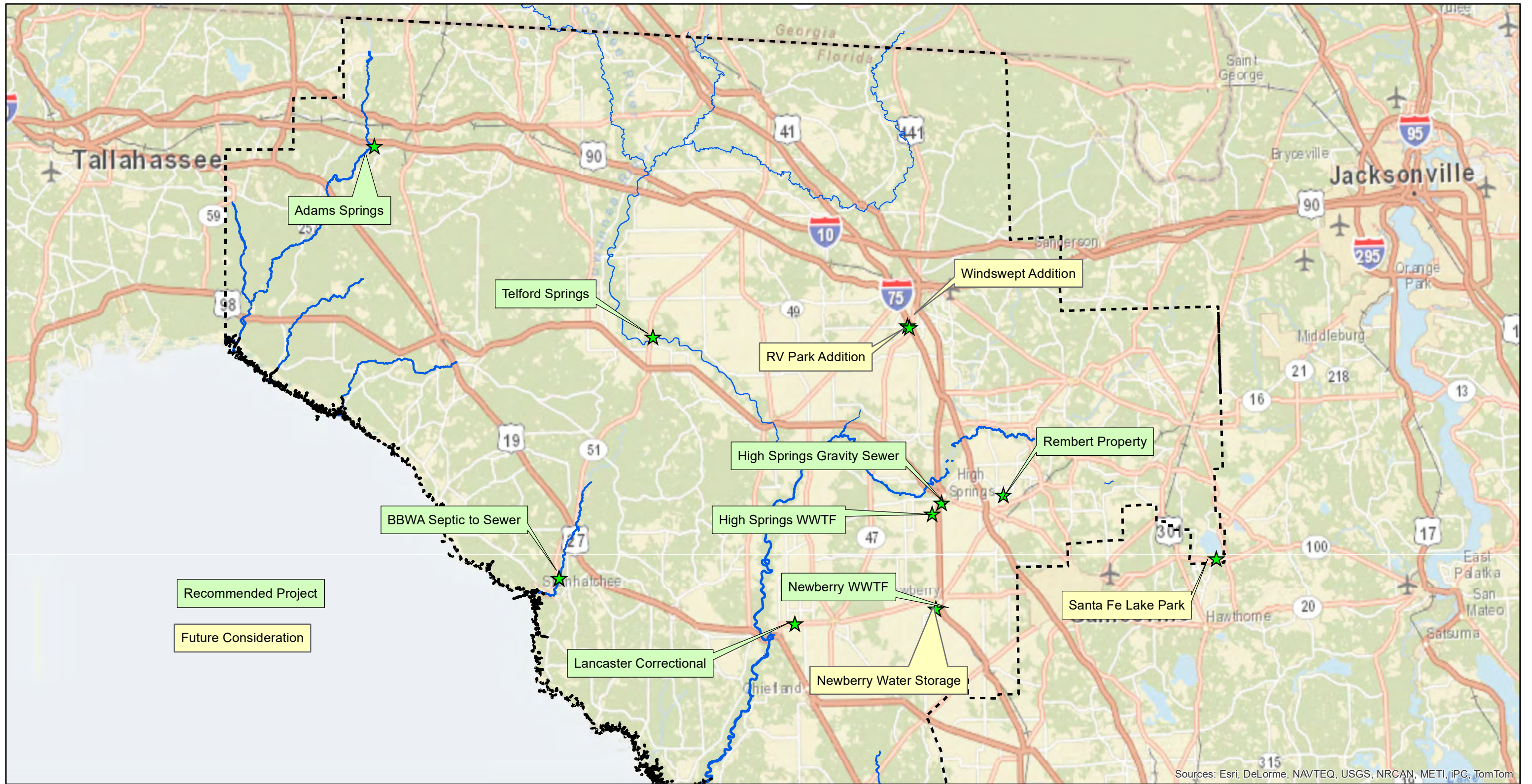
Project Name	Total Cost	Fund Amount (for multi-yr only 1st year shown)	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi- year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per K gal supplied	Acres to be Acquired	Cost per Acre
Recommendation Favorable - Project meets the FDEP Guidelines and is recommended for submission to FDEP for funding consideration.													
Category Water Quality													
High Springs SRWMD Gravity Sewer Expansion	\$3,400,000.00	\$0.00	\$290,000.00		1,258	\$95.39		0					
Entity City of High Springs	Is this a multi-year project?	Yes	Year 1	Year 2	Year 3	\$2,400,000	Year 4	Year 5					
Extend central sewer to remove 125 OSTDS to reduce nutrients in the Santa Fe BMAP area. Project to follow completion of the WWTF and wetland project.											Running Total Year 1	\$12,636,120.00	
											Running Total	\$18,286,120.00	
Recommendation Future Consideration - Project may be considered for future funding, due to but not limited to, availability of funding or other funding sources, project priority by cooperator, project readiness, and/or District priorities.													
Category Water Quality													
SR 47/I-75 WQIP Phase 2 - Windswept Addition	\$553,000.00	\$253,000.00			232	\$59.54		0	0.0046		\$16.47		
Entity City of Lake City	Is this a multi-year project?	Yes	Year 1	\$253,000	Year 2	\$300,000	Year 3	Year 4	Year 5				
Extend central sewer for future connections to reduce nutrients in the Ichetucknee PFA. Effluent will be used for recharge or reclaimed offset in the Eastern Water Supply Planning Region.											Running Total Year 1	\$12,889,120.00	
											Running Total	\$18,839,120.00	
Recommendation Needs More Development - The project proposal requires further clarification, research, and development prior to submitting to the FDEP for consideration or does not meet SPRINGS Review Guidelines.													
Category Water Quantity													
Newberry Potable Water Storage Facility	\$1,784,270.00	\$892,135.00	\$892,135.00					0				1	
Entity City of Newberry	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5						
Add a new water storage tank to the existing facility to increase capacity.											Running Total Year 1	\$13,781,255.00	
											Running Total	\$19,731,255.00	

FY 2021-2022 SPRINGS

FY 2021-2022 - CONSTRUCTION PROJECTS

Project Name	TotalCost	Fund Amount (for multi-yr only 1st year shown)	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi- year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per K gal supplied	Acres to be Acquired	Cost per Acre							
Recommendation Funded - The Project has been accepted or is being considered for Multi-year funding or other funding																				
Category Water Quality																				
SR 47/I-75 WQIP Phase 2 - RV Park and Campground Connection	\$360,000.00	\$100,000.00			232	\$40.35		0	0.0044		\$10.72									
Entity City of Lake City	Is this a multi-year project?	Yes	Year 1	\$100,000	Year 2	\$260,000	Year 3	Year 4	Year 5											
Extend central sewer and remove 18 OSTDS to reduce nutrients in the Ichetucknee PFA. Effluent will be used for recharge or reclaimed offset in the Eastern Water Supply Planning Region.											Running Total Year 1	\$13,881,255.00								
											Running Total	\$20,091,255.00								
Lake Santa Fe Park	\$236,000.00	\$36,000.00	\$200,000.00		23	\$78.26		0	0.001	\$3.28	\$0.00		\$0.00							
Entity Alachua County	Is this a multi-year project?	No	Year 1		Year 2		Year 3	Year 4	Year 5											
Upgrade septic system to reduce nutrients in the Santa Fe BMAP area.											Running Total Year 1	\$13,917,255.00								
											Running Total	\$20,127,255.00								
BBWA 2021-2022 Septic to Sewer Project Hookups	\$2,624,100.00	\$1,142,095.00	\$1,482,005.00		1,129	\$33.72		0												
Entity Big Bend Water Authority	Is this a multi-year project?	No	Year 1		Year 2		Year 3	Year 4	Year 5											
Extend central sewer to remove 145 septic systems to reduce nutrients with SRF funding match.											Running Total Year 1	\$15,059,350.00								
											Running Total	\$21,269,350.00								
Grand Total												\$30,518,148.00	\$21,269,350.00	\$4,637,115.00		16,492		0.355		1,099

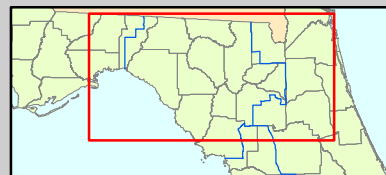
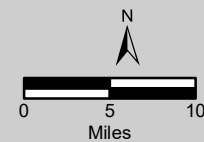
Ac - Acres
 AWT - Advanced Wastewater Treatment
 AWTF - Advance Wastewater Treatment Facility
 BMAP - Basin Management Action Plan
 BMP - Best Management Practices
 CDBG - Community Development Block Grant
 EPA - Environmental Protection Agency
 FDEP - Florida Department of Environmental Protection
 FWC - Florida Fish and Wildlife
 Kgal - 1000 gallons
 LF - Linear Feet
 lbs./yr - pounds per year
 MGD - Million Gallons per Day
 N - Nitrogen
 OSTDS - On Site Treatment and Disposal System
 PFA - Priority Focus Area
 Ph - Phase
 TCWSD - Taylor Coastal Water and Sewer District
 TN - Total Nitrogen
 USDA - United States Department of Agriculture
 WW - Wastewater
 WWTF - Wastewater Treatment Facility



FY 21 22 Springs Submittals



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 1/26/2021



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: March 26, 2021

RE: Alternative Water Supply Funding Applications

RECOMMENDATION

Authorize the Executive Director to submit five project applications to the Florida Department of Environmental Protection for Alternative Water Supply Funding.

BACKGROUND

On June of 2020, the Florida Department of Environmental Protection (FDEP) issued a memorandum regarding and formalizing the project selection process for Alternative Water Supply (AWS) Funding. The District conducted a transparent and public process to select AWS project proposals. This selection process consisted of sending out emails and posting the AWS Program on our District website, including the FDEP AWS Review Guidance Document. The District offered several dates for potential applicants to meet one on one with the District Review Team (Team) to discuss their projects prior to the submittal deadline. The District received 23 applications which have been posted on the District website.

In order to identify AWS projects that restore and protect these unique natural resources, the District solicited applications for consideration located on the District website up to December 15, 2020 for the 2021 AWS funding cycle. Staff recommendation is to submit four capital improvement projects at a cost of over \$4.42 million and one land acquisition project at \$0.9 million to FDEP for review and approval. Staff project recommendations are consistent with the FDEP guidance on AWS Project Funding.

Attached is the District staff proposed projects recommendation list, a map that shows the project locations, and the FDEP AWS Project submittal spreadsheet which is available on the [District website](#).

PW/tm
Attachments

FY 2021-2022 AWS (Alternative Water Supply) Projects

FY 2021-2022 - LAND ACQUISITION PROJECTS

Project Name	Type	TotalCost	Fund Amount for multi-yr only 1st year shown	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi-year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per Kgal reclaimed	Acres to be Acquired	Cost per Acre
Recommendation		Favorable - Project meets the FDEP Guidelines and is recommended for submission to FDEP for funding consideration.												
Graham Farm Land Acquisition Project		\$1,681,700.00	\$900,000.00	\$163,000.00	\$781,700	8,230	\$4.37		0 0	0.28994	\$0.34	\$0.00	441	\$2,040.00
Entity	Alachua Conservation Trust	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5						
Change in land use to reduce nutrients in the Santa Fe BMAP and reduce water use in the Eastern Water Supply Planning Region.												Running Total Year 1	\$900,000.00	
Category	Land Acquisition												Running Total	\$900,000.00

Ac - Acres
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 BMAP - Basin Management Action Plan
 BMP - Best Management Practices

CDBG - Community Development Block Grant
 EPA - Environmental Protection Agency
 FDEP - Florida Department of Environmental Protection
 FWC - Florida Fish and Wildlife
 Kgal - 1000 gallons

LF - Linear Feet
 lbs./yr - pounds per year
 MGD - Million Gallons per Day
 N - Nitrogen
 OSTDS - On Site Treatment and Disposal System

PFA - Priority Focus Area
 Ph - Phase
 TCWSD - Taylor Coastal Water and Sewer District
 TN - Total Nitrogen
 USDA - United States Department of Agriculture

WW - Wastewater
 WWTF - Wastewater Treatment Facility
 Thursday, March 25, 2021

FY 2021-2022 AWS (Alternative Water Supply) Projects

FY 2021-2022 - CONSTRUCTION PROJECTS

Project Name	Type	TotalCost	Fund Amount for multi-yr only 1st year shown	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi-year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per K gal reclaimed	Acres to be Acquired	Cost per Acre	
Recommendation Favorable - Project meets the FDEP Guidelines and is recommended for submission to FDEP for funding consideration.															
Pivot Retrofits		\$555,555.55	\$500,000.00		\$55,556				0	1.1	\$0.25				
Entity	Suwannee River Water Management District	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5							
Provide cost share to retrofit pivots to decrease water use in the Eastern Water Resource Planning Region and support the MFLs in the Lower Santa Fe Ichetucknee Rivers												Running Total Year 1	\$1,400,000.00		
Category	Water Quantity													Running Total	\$1,400,000.00
Water Main Replacements Lawtey		\$1,809,600.00	\$1,809,600.00						0	0.012	\$10.33				
Entity	City of Lawtey	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5							
Replace aged water main system to reduce leakage and repairs to conserve water in the Eastern Water Supply Planning Region.												Running Total Year 1	\$3,209,600.00		
Category	Water Quantity													Running Total	\$3,209,600.00
Greenville Water Distribution System Improvements		\$3,310,646.25	\$1,711,881.25						0	0.0847	\$2.68				
Entity	Town of Greenville	Is this a multi-year project?	Yes	Year 1	\$1,711,881	Year 2	\$1,598,765	Year 3	Year 4	Year 5					
Replace aged water main system to reduce leakage and increase fire protection.												Running Total Year 1	\$4,921,481.25		
Category	Water Quantity													Running Total	\$6,520,246.25
NFMIP Wastewater Treatment Plant - Phase 2 - Upgrade and PAR		\$2,960,000.00	\$400,000.00	\$60,000.00		5,551	\$10.67		0	0.5		\$5,920.00	0		
Entity	Columbia County BOCC	Is this a multi-year project?	Yes	Year 1	\$400,000	Year 2	\$2,500,000	Year 3	Year 4	Year 5					
Retrofit proposed secondary 0.5 mgd WWTF to 0.5 mgd AWT. Estimated start date of 2024 with completion in 2026. Project includes Class I DIW UIC as backup for effluent disposal. Cost based on 50 yr. service life and reuse mgd at 100% plant capacity.												Running Total Year 1	\$5,321,481.25		
Category	Water Quality													Running Total	\$9,020,246.25

FY 2021-2022 AWS (Alternative Water Supply) Projects

FY 2021-2022 - CONSTRUCTION PROJECTS

Project Name	Type	Total Cost	Fund Amount for multi-yr only 1st year shown	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi-year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per K gal reclaimed	Acres to be Acquired	Cost per Acre	
Recommendation		Future Consideration - Project may be considered for future funding, due to but not limited to, availability of funding or other funding sources, project priority by cooperator, project readiness, and/or District priorities.													
City of Live Oak Wastewater Expansion		\$1,214,730.00	\$1,162,035.00	\$52,695.00		144	\$268.99		0	0	\$0.00	\$0.00		\$0.00	
Entity	City of Live Oak	Is this a multi-year project?	No	Year 1		Year 2	Year 3		Year 4		Year 5				
Extend central sewer to two areas of Live Oak to reduce nutrients in a BMAP area. Remove 23 OSTDS in the Suwannee BMAP.												Running Total Year 1	\$6,483,516.25		
Category	Water Quality													Running Total	\$10,182,281.25
Water System Improvements Phase I TCWSD wells		\$1,102,555.00	\$1,002,555.00						0	0.008	\$14.29				
Entity	Taylor Coastal Water and Sewer District	Is this a multi-year project?	No	Year 1		Year 2	Year 3		Year 4		Year 5				
Replacement of existing well to mitigate iron bacteria and reduce flushing to conserve water.												Running Total Year 1	\$7,486,071.25		
Category	Water Quantity													Running Total	\$11,184,836.25
Recommendation		Needs More Development - The project proposal requires further clarification, research, and development prior to submitting to the FDEP for consideration or does not meet AWS Review Guidelines.													
Trenton SRWMD WWTF Improvements		\$5,922,500.00	\$1,185,000.00			4,562	\$32.46		0						
Entity	City of Trenton	Is this a multi-year project?	Yes	Year 1	\$1,185,000	Year 2	\$4,000,000	Year 3	\$737,500	Year 4		Year 5			
Upgrade existing WWTF to AWT to reduce nutrients in the Suwannee BMAP and Fanning Manatee PFA. May be considered for a Feasibility Study.												Running Total Year 1	\$8,671,071.25		
Category	Water Quality													Running Total	\$17,107,336.25
Madison Septic To Sewer		\$6,273,679.10	\$3,240,046.00			1,643	\$127.26		0	0					
Entity	City of Madison	Is this a multi-year project?	Yes	Year 1	\$3,240,046	Year 2	\$3,033,633	Year 3	\$0	Year 4	\$0	Year 5	\$0		
Extend central sewer and remove 180 septic systems to reduce nutrients												Running Total Year 1	\$11,911,117.25		
Category	Water Quality													Running Total	\$23,381,015.35

FY 2021-2022 AWS (Alternative Water Supply) Projects

FY 2021-2022 - CONSTRUCTION PROJECTS

Project Name	Type	Total Cost	Fund Amount for multi-yr only 1st year shown	Local Match	Third Party Match	lbs/yr TN	Cost per lb of TN	Final TN for Multi-year	lbs/yr Sediment	MGD Water Available	Cost per Kgal conserved	Cost per Kgal reclaimed	Acres to be Acquired	Cost per Acre
Recommendation		Needs More Development - The project proposal requires further clarification, research, and development prior to submitting to the FDEP for consideration or does not meet AWS Review Guidelines.												
Archer Woods	Water Main	\$620,200.00	\$620,200.00						0	0.003	\$14.16			0
Entity	City of Archer	Is this a multi-year project?	No	Year 1	Year 2	Year 3	Year 4	Year 5						
Replace aged water main to reduce leakage and breaks in the Eastern Water Resource Planning Region.												Running Total Year 1	\$12,531,317.25	
Category	Water Quantity												Running Total	\$24,001,215.35
Grand Total		\$25,451,165.90	\$24,001,215.35	\$275,695.00		20,130				1.99764			441	
		Project Cost	DEP Funds	Local Match		TN Reduction				Water Conserved MGD			Acres	

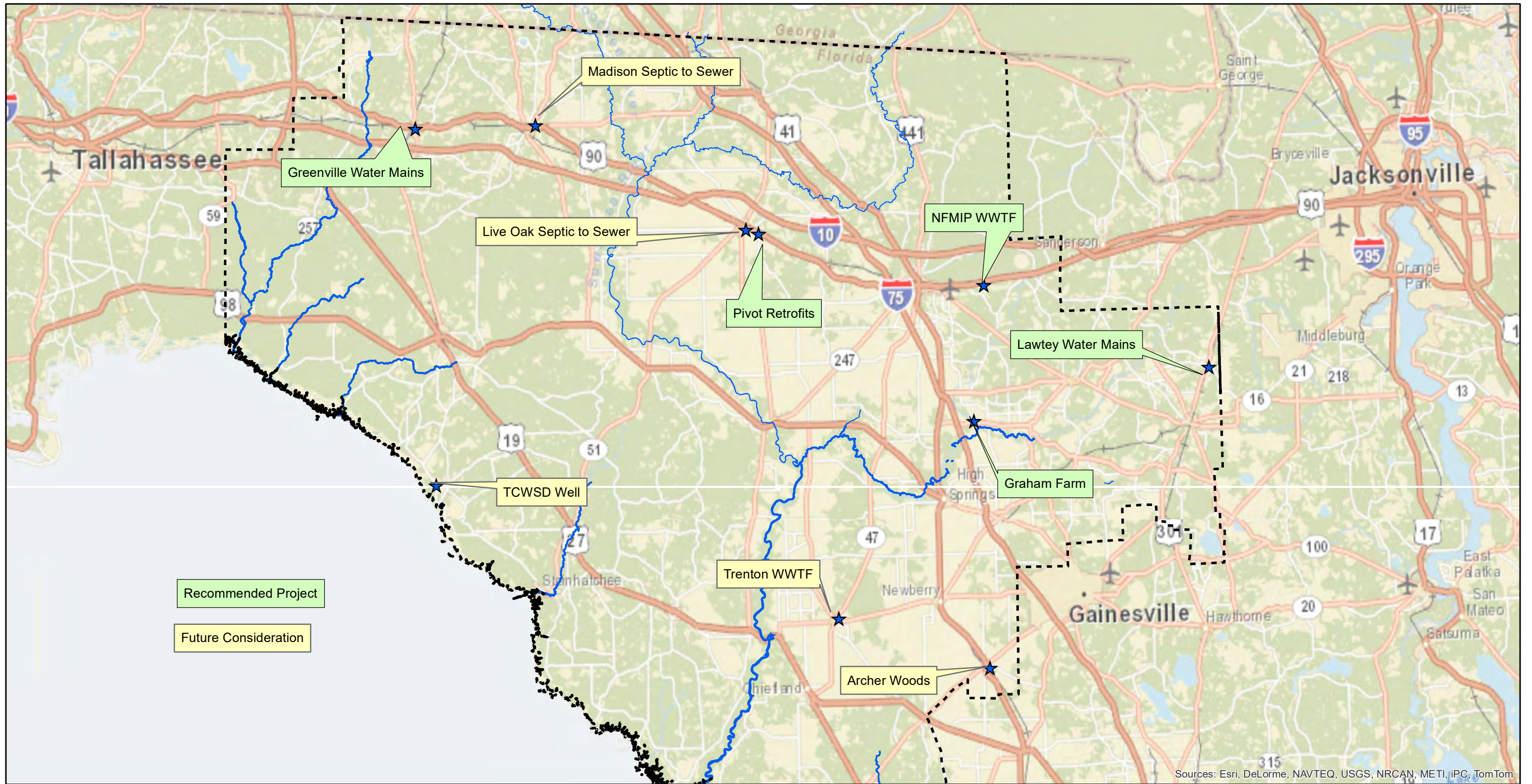
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CDBG - Community Development Block Grant
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 lbs./yr - pounds per year
 MGD - Million Gallons per Day
 N - Nitrogen
 OSTDS - On Site Treatment and Disposal System

PFA - Priority Focus Area
 Ph - Phase
 TCWSD - Taylor Coastal Water and Sewer District
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 USDA - United States Department of Agriculture

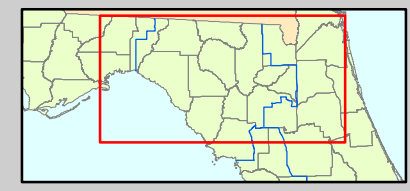
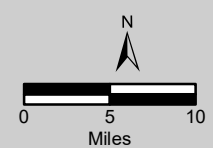
WW - Wastewater
 WWTF - Wastewater Treatment Facility
 Thursday, March 25, 2021



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

FY 21 22 Alternative Water Supply Submittals

- AWS Project
- District_24k_Poly
- Major Rivers Line (USGS)
- Major_Rivers_from_Lidar
- Major Rivers Polygon (USGS)
- World Street Map



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SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Libby Schmidt, Project Manager, Office of Agriculture and Environmental Projects

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

DATE: March 26, 2021

RE: Cost-Share Funding to Riley Putnal, Suwannee and Lafayette Counties

RECOMMENDATION

Authorize Executive Director to enter into contract with Riley Putnal in the amount not to exceed \$142,000.00.

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 \$6 million dollars to the program. Since FY 2012, approximately 71% of District funds have been spent and obligated through contracts with agricultural producers. In conjunction with agricultural related FDEP Springs Grants this has resulted in 13.47 million gallons per day of water conserved and 775,680 pounds of nitrogen reduced.

This cost share project is with Riley Putnal located in Suwannee and Lafayette counties on approximately 6,000 acres of peanuts, corn, and watermelons. The producer proposes to purchase 59 soil moisture probes and 4 stationary fertigation tanks. The probes will allow the producer to monitor soil moisture, temperature, and electric conductivity remotely through software. The service agreement covers the annual data plan, access to online software, and education and training. This will allow producers an in-depth look into the soil profile to ensure efficient irrigation. The stationary fertigation tanks will allow the producer to apply fertilizer more efficiently through a center pivot irrigation system, significantly reducing the amount of nitrogen applied.

The soil moisture probes are expected to reduce water use by approximately 1.875 million gallons per day at a cost to the District of \$0.16 per thousand gallons over the life of the equipment. The stationary fertigation tanks are expected to reduce nitrogen loading by 38,400 pounds at a cost of \$0.13 per pound of nitrogen reduced over the life of the project. This project is located within the Suwannee River Basin Management Action Plan area, the Western Water Supply Planning Area, and the Troy Peacock Lafayette Blue Falmouth Priority Focus Area.

The total project cost for the soil moisture sensors is estimated to be \$131,111.11. The District will contribute \$118,000 or approximately 90% of the items' cost. The applicant's portion for these items will be \$13,111.11 or 10% of the equipment cost. The total project cost for the stationary fertigation tanks is estimated at \$32,000. The District will contribute \$24,000 or approximately 75%

of the items cost. The applicant's portion for these items will be \$8,000. Exhibit A includes a list of the cost share items, funding amount, and water conservation tools. Funding for this project is included in the FY 2021 Final Budget under account code 51-2586-7-2400-06-07 and 06-2586-7-2400-07-05.

LMS/tm
Attachment

Exhibit A – Itemized List

Producer	Item	Maximum Cost-Share	Quantity	SRWMD Total	Producer Share
Riley Putnal	Soil Moisture Probes	\$2,000	59	\$118,000.00	\$13,111.11
Riley Putnal	Stationary Fertigation Tanks	\$6,000	4	\$24,000.00	\$8,000.00
Project Total:				\$142,000.00	\$21,111.11

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Libby Schmidt, Project Manager, Office of Agriculture and Environmental Projects

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

DATE: March 26, 2020

RE: Cost-Share Funding to Sidney Koon, Lafayette County

RECOMMENDATION

Authorize Executive Director to enter into contract with Sidney Koon in the amount not to exceed \$163,200.00.

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 \$6 million dollars to the program. Since FY 2012, approximately 71% of District funds have been spent and obligated through contracts with agricultural producers. In conjunction with Agricultural related FDEP Springs Grants this has resulted in not less than 13.47 million gallons per day of water conserved and 775,680 pounds of nitrogen reduced.

At the November 2019 Governing Board meeting, the Board authorized the Executive Director to execute an agreement with the Florida Department of Environmental Protection (FDEP) for pivot retrofits to improve irrigation efficiency and reduce groundwater pumping for an amount totaling \$500,400.

This cost share project is with Sidney Koon located in Lafayette County on approximately 1,000 acres of peanuts, corn, peas, and winter rye. The producer proposes to retrofit ten pivots, upgrade six panels, install six remote controls, and purchase four stationary fertigation tanks. This will increase the producer's management of irrigation events and nutrient applications and increase the efficiency of the producer's center pivot system.

The upgrades to these irrigation systems are expected to reduce water use by approximately 0.119 million gallons per day at a cost to the District of \$0.35 per thousand gallons over the estimated life of the equipment. The fertigation equipment is expected to prevent 60,000 pounds of nitrogen from being leached at a cost to the District of \$0.08 per pound over the estimated life of the equipment. This project is located within the Suwannee River Basin Management Action Plan Area, the Western Water Supply Planning Area, and the Troy Peacock Lafayette Blue Falmouth Priority Focus Area.

The total project cost is estimated to be \$195,600. The District will contribute \$163,200 and the applicant will contribute \$32,400. Exhibit A is a list of the proposed cost share items, proposed funding amount, and water conservation tools. Funding for this project is included in the FY 2021 Final Budget under account code 51-2586-7-2400-06-07, 03-2586-7-2201-37, and 06-2586-7-2400-07-05.

LS/tm
Attachment

Exhibit A – Itemized List

Producer	Item	Maximum Cost-Share	Quantity	SRWMD Total	Producer Share
Sidney Koon	Irrigation Retrofits	\$9,900	10	\$99,000	\$11,000
	Control Panels	\$4,500	6	\$27,000	\$9,000
	Remote Controls	\$2,200	6	\$13,200	\$4,400
	Stationary Fertigation Tanks	\$6,000	4	\$24,000	\$8,000
Project Total:				\$163,200	\$32,400

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: March 31, 2021

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

BACKGROUND

Timber harvesting on the Twin Rivers State Forest (TRSF) Ellaville #19 Sale is ongoing but nearly complete. This is the final harvest of a 176-acre, 40-year-old, planted loblolly pine stand.

The site prep clearings of an 88.6-acre clear-cut on the Westwood West Tract and a 35-acre clear-cut on the Ellaville Tract of TRSF were completed.

The annual timber resource inventory project on TRSF is ongoing. This month's completed plots include seedling survival checks on over 500 acres on the Mill Creek North and South tracts. The results one year after planting are as follows: 283 acres planted slash pine and 225 acres planted longleaf pines.

The maps featured on the three-panel kiosk located at the Ellaville Check Station were replaced. The kiosk at the Ellaville Loop Road entrance is being outfitted with new plexiglass and a new map.

TRSF boundary maintenance, including new paint and signage, is ongoing on the Black Tract.

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

Conservation Easement Monitoring: Four conservation easements were inspected and completed for term compliance: Cedar Hammock, Sheppard, Deep Creek, and Carter Estate.

Vegetation Management Projects: During the reporting period, 155 additional acres of woods mowing, and 94 acres of upland roller chopping were completed.

Vegetation management work is being conducted for fuel reduction, natural community restoration, and wildfire mitigation purposes.

Vegetation Management (10/01/2020 – 03/04/2021)

ACTIVITY	ACRES		MILES	
	Planned	Complete	Planned	Complete
Herbicide	300	79	0	0
Roller Chop Uplands	248	207	0	0
Roller Chop (Mallory Swamp)	1000	0	0	0
Woods Mowing	2000	286	0	0
Ditch Mowing	0	0	25	20.6

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

Invasive Plant Treatments (10/01/2020 – 03/04/2021)

ACTIVITY	INFESTATIONS	
	Planned	Complete
Invasive Plant	153	72

Rare Plant Monitoring Program: During the reporting period, 19 rare plant occurrences were monitored.

Rare Plant Monitoring (10/01/2020 – 03/04/2021)

ACTIVITY	OCCURRENCES	
	Planned	Complete
Rare Plant Species Monitoring	140	19

Prescribed Fire Program:

- Contractors conducting prescribed burns on District lands 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 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, 1003 additional acres were burned.

Prescribed Fire Summary Table (10/1/2020 – 03/04/2021)

	2021 TARGET ACRES	ACRES COMPLETED
SRWMD	7000	2,407
FFS TRSF	2000	417
TOTAL	9000	2,824

Prescribed Fire (10/01/2020 – 03/04/2021)

TRACT	COUNTY	B&B	WS	SRS	FFS COOP	FFS TRSF	TOTAL SRWMD ACRES	TOTAL TRSF ACRES	TOTAL WILDFIRE ACRES
Cuba Bay	Madison	158.1	0.0	0.0	0.0	0.0	158.1	0.0	0.0
Natural Well Branch	Taylor	353.8	91.0	0.0	0.0	0.0	353.8	0.0	0.0
Grady	Lafayette	0.0	70.3	0.0	0.0	0.0	70.3	0.0	0.0
Chitty Bend West	Madison	0.0	0.0	0.0	0.0	257.0	0.0	120.0	0.0
Sub Total for Period		511.9	70.3	0.0	0.0	257.0	582.2	257.0	0.0
Previous Acres Burned		1471.9	353.3	0.0	0.0	160.0	1825.2	160.0	0.0
Total Acres		1983.8	423.6	0.0	0.0	417.0	2407.4	417.0	0.0

Timber Sales: Open and Recently Completed Timber Sales

Open Timber Sales

SALE NAME	COUNTY	ACRES	HARVEST TYPE
Wolf Creek #1	Jefferson	72	Thinning
Cuba Bay	Madison	315	Thinning
Steinhatchee Springs #19	Lafayette	330	Thinning
Steinhatchee Springs #20	Lafayette	208	Thinning
Steinhatchee Springs #21	Lafayette	366	Thinning
Ellaville #19	Madison	176	Clear-cut
Ellaville #20	Madison	276	Thinning
Nature Coast Wellfield #2	Levy	110	Clear-cut
Seven Bridges #1	Jefferson	224	Thinning
Sandlin Bay #6	Columbia	192	Thinning
Sandlin Bay #7	Columbia	219	Thinning
Sandlin Bay #8	Columbia	233	Thinning
High Springs Wellfield #1	Alachua	239	Thinning

Recently Completed Timber Sales

SALE NAME	COUNTY	ACRES	HARVEST TYPE	REVENUE
Westwood West #4	Madison	89	Clear-cut	\$133,107.77
Natural Well Branch #1	Taylor	240	Thinning	\$236,996.71

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Bill McKinstry, Chief, Office of Land Management
THRU: Tom Mirti, Deputy Executive Director, Division of Water and Land Resources
DATE: March 31, 2021
RE: Contract 19/20-245 with Balfour Timber Company

RECOMMENDATION

Authorize the Executive Director to renew Contract 19/20-245 with Balfour Timber Company for herbicide application services for an amount not to exceed \$80,000.

BACKGROUND

The application of herbicide on District lands is a beneficial tool needed to achieve goals identified in the District's Land Management Plan. Under this contract, the herbicide will be applied on District lands to release existing pine trees from competition, facilitate the use of prescribed fire, and prepare sites for reforestation. Herbicide may be applied using equipment such as backpack sprayers, spot-guns, and tractor/skidder mounted sprayers. The herbicide will be applied at the lowest rate possible to achieve project objectives.

In May 2020, the following six firms responded to the District's Request for Proposals (RFP) 19/20-021 WLR for herbicide application services:

Request for Proposals 19/20-021 WLR Respondents

NAME OF FIRM	FIRM'S LOCATION
Balfour Timber Company	Thomasville, Georgia
Ground Level Inc.	Bowling Green, Florida
Schmidt Reforestation Services	Perry, Florida
Crosby Farms LLC.	Trenton, Florida
Greentrust Environmental Inc.	Wellborn, Florida
DeAngelo Brothers LLC.	Jacksonville, Florida

After reviewing these responses, all six firms were approved to conduct herbicide application services on District lands based on their qualifications. In June 2020, contracts were developed with the approved firms with possible renewal for two one-year periods. In Fiscal Year 2019-2020, Balfour Timber Company successfully treated 924 acres. Staff plans to conduct similar herbicide applications for the current fiscal year in different locations.

Funding for this contract is included in the Fiscal Year 2020-2021 Final Budget under codes 13-2-586-3-3100-04-01 and 13-6-930-3-3100-08-02.

SG/pf

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: March 31, 2021

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 February 8, 2021, the District has permitted 1,796 (250.8 MGD) irrigation wells which include a water use monitoring condition, of which 1,423 (213.8 MGD) wells are active, i.e., the wells have been drilled already. The District is monitoring 1,391 (210.1 MGD) of the 1,423 active wells. The remaining 32 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 700 (132.5 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 263 (45.7 MGD) telemetry systems installed by the District for this purpose.

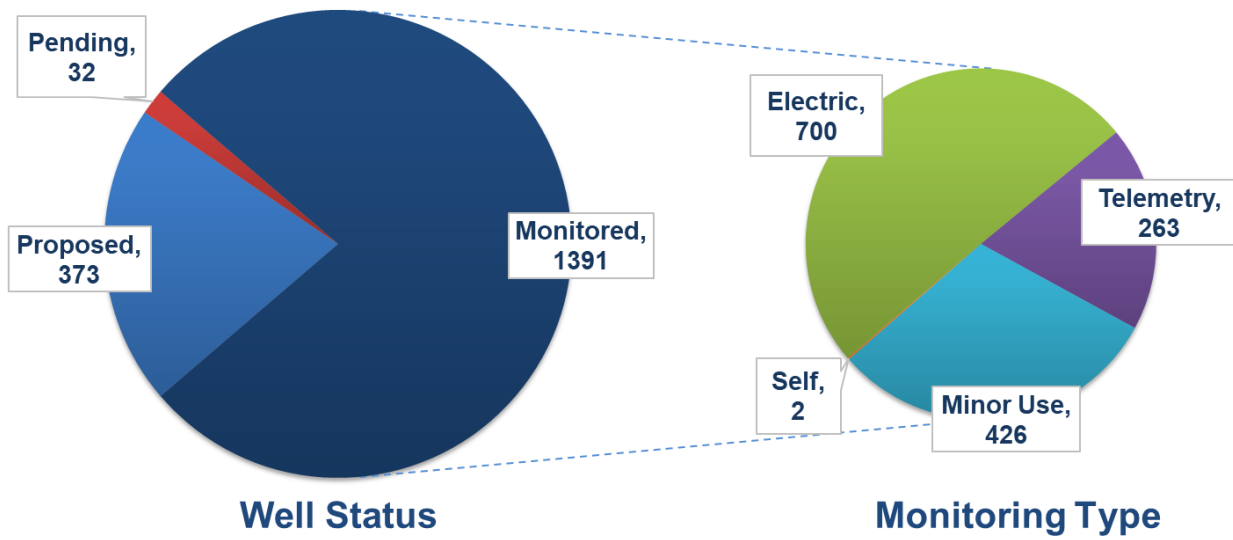
Some withdrawal points have very limited use (< 0.05 MGD each) and are monitored for status changes by individual site visits. There are currently 426 (31.6 MGD) limited use monitoring points in the District. Some users monitor their own water use and report that data to the District. There are currently two (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 97.8% of existing active wells (98.3% 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: Darlene Velez, Chief, Office of Water Resources

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

DATE: March 31, 2021

RE: Task Work Assignment for Contract 20/21-100 with Dewberry Engineers, Inc.

RECOMMENDATION

Authorize the Executive Director to approve a task work assignment 19/20-082.002 with Dewberry Engineers, Inc. to geo-reference and mosaic historical imagery in Bradford and Union counties for an amount not to exceed \$32,000.00.

BACKGROUND

The District has requested historical imagery to be geo-referenced and mosaiced (stitched together) in Bradford and Union counties. The aerial imagery was collected in 1938 and 1939. Processing this dataset as described will allow change analysis of watershed delineation, ditching changes, land-use changes, and tree density changes among other analyses for the eventual purpose of estimating potential environmental service project benefits in the Santa Fe River Basin.

Dewberry Engineers, Inc. will use GIS software to geo-reference the aerial imagery using visually identified tie points. The image collars will be removed, color-balanced, and the images will be mosaiced. Due to the age and lack of fiducial marking and information for these aerial photographs, there will be no accuracy requirements, but it would be reasonable to expect the National Map Accuracy Standards for 1:24,000ft scale at ~40ft to be a guide. The geo-referencing process will use tie points identified in the imagery and recent Florida Department of Revenue imagery supplied by the District. The imagery will be color balanced as best as possible considering the age of the imagery.

The funding for this agreement is included in the Fiscal Year 2020-2021 Final Budget under codes 01-2-586-2-1200-00-06 and 09-2-586-2-1200-33-12.

TM/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: March 31, 2021

RE: Task Work Assignment for Contract 19/20-082 with Intera, Inc.

RECOMMENDATION

Authorize the Executive Director to approve task work assignment 19/20-082.002 with Intera, Inc., to develop a Statement of Estimated Regulatory Costs (SERC) for the updated Prevention and Recovery Strategy for the Lower Santa Fe and Ichetucknee Rivers and Priority Springs for an amount not to exceed \$60,000.00.

BACKGROUND

The requested Task Work Assignment (TWA) supports the implementation of an updated minimum flows and minimum water levels (MFLs) prevention and recovery strategy for the Lower Santa Fe and Ichetucknee Rivers and associated priority springs (LSFI). The MFL for these rivers was developed in 2013, and a recovery strategy was implemented in 2015.

In 2021, a re-evaluation of the MFLs was completed and the status assessment indicated that the Ichetucknee River is not meeting its MFL, and the Lower Santa Fe River will not meet its MFL within 20 years based on current water use projections. An updated prevention and recovery strategy is being developed that will include additional projects and regulatory provisions to improve and maintain river flows for these systems per MFL requirements.

This TWA intends to provide a SERC associated with the revised LSFI prevention and recovery strategy.

Funding for this contract is included in the Fiscal Year 2020-2021 Final Budget under 20-2-586-1-1102-17-00.

SN/pf

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Hugh Thomas, Executive Director
DATE: March 29, 2021
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 FEBRUARY 21 – 27, 2021

Executive / Management

- Hugh Thomas attended the Florida Sherriff Association Legislative Meeting in Trenton.
- Hugh Thomas and Ben Glass attended the Lafayette Farm Bureau Multi-County Legislative Meeting in Mayo.
- Hugh Thomas performed a site visit to view Lafayette County Road Maintenance in Mayo.

Legislative and Community Affairs

- Ben Glass acted as a technical resource for the Water Workshops for Decision Makers hosted virtually by the University of Florida Institute of Food and Agricultural Sciences.

Administration

- No reporting activity.

Finance

- No reporting activity.

Land Management

- District road contractors worked on the McAlpin Landing Tract.
- District contractors continued woods mowing at Sandlin Bay.
- Timber harvest contractors worked on the Ellaville Tract.
- Due to flooding and unsafe conditions the District suspended issuing all boat/canoe camping special use authorization on the Suwannee, Withlacoochee and Santa Fe Rivers.
- District tracts that have flooding include Roline, Cypress Creek South, Hunter Creek, Holton Creek, Withlacoochee Quail Farms, Jennings Bluff, Christian, Little River, Walker, Ruth Springs and 47 Bridge.

Resource Management

- No reporting activity.

Water Resources

- No reporting activity.

Minimum Flows and Minimum Water Levels

- No reporting activity.

Water Supply

- Water Supply staff met with SJRWMD to support implementation of regional modeling and development of the upcoming North Florida Regional Water Supply Plan.
- Water Supply staff listened to a virtual presentation by the Florida Springs Institute on Santa Fe River research.
- District staff met with organizers from the University of Florida Floridan Aquifer Collaborative Engagement for Sustainability (FACETS) research project to review project progress.

Hydrological Data

- No reporting activity.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Agriculture and Environmental Projects

- Pat Webster and Tim Alexander virtually met with representatives of the City of Lake Butler to discuss the progress of the Lake Butler Wastewater Treatment Facility Project.
- Bob Heeke and Dave Christian performed a site visit and inspection of the Brooks Sink Project.
- Projects Review Team met with representatives of Stephen Foster State Park in White Springs to discuss potential cost-share opportunities.
- Projects Review Team met with representatives of High Springs to discuss potential cost-share opportunities.
- Libby Schmidt presented at the UF/IFAS Pesticide Training in Union County to talk about ag cost-share opportunities.
- Bob Heeke and Dave Christian performed a site visit and inspection of the Mallory Swamp Project in Lafayette County.
- Pat Webster performed a site visit and review of the Edwards Bottomlands Project in Bradford County.

Information Technology and GIS

- No reporting activity.

Communications

- Weekly Top Performing Post

The screenshot shows a Facebook post from the Suwannee River Water Management District, published by Lindsey Garland on February 21. The post features a graphic titled "6 Steps to Create a Flood Model" and includes a link to a US National Weather Service Jacksonville Florida post from February 20. The weather post discusses moderate flooding forecasts for the Alapaha and lower Altamaha Rivers. A performance analytics overlay on the right side of the screenshot shows the following data:

Performance for Your Post		
683 People Reached		
21 Reactions, Comments & Shares		
5 Like	5 On Post	0 On Shares
2 Angry	2 On Post	0 On Shares
7 Comments	7 On Post	0 On Shares
7 Shares	7 On Post	0 On Shares
28 Post Clicks		
8 Photo Views	2 Link Clicks	18 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

Announcements for the week of March 7 – 13, 2021

- The District will hold its monthly Governing Board Meeting and Workshop on Tuesday, February 9, 2021 at 9 a.m. The meeting will be accessible online via webinar technology, and open to the public with limited seating capacity.

EO 3



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

WEEKLY ACTIVITY REPORT TO GOVERNING BOARD FOR FEB. 28 – MARCH 6, 2021

Executive / Management

- Hugh Thomas participated on the Florida Cattleman's Environmental Subcommittee webinar.
- Hugh Thomas participated on the NRCS State Technical Committee Meeting webinar.
- Hugh Thomas participated on the FACETS PMP Stakeholders webinar.
- Hugh Thomas participated on the Monthly FDEP conference call with WMDs.
- Hugh Thomas performed a cost-share site visit in Taylor County.

Legislative and Community Affairs

- Ben Glass virtually attended Interim Committee Week 1 of the Florida Legislature.
- Tim Alexander virtually attended the City of Lake City Water Use Permit options meeting.
- Tim Alexander virtually attended the Columbia County Board of County Commissioners meeting.

Administration

- No reporting activity.

Finance

- No reporting activity.

Land Management

- District contractors continued woods mowing at Sandlin Bay.
- Timber harvest contractors worked on the Ellaville Tract.
- Ryan Sims completed the Carter Conservation Easement inspection.
- Steve Carpenter completed the Shepherd Conservation Easement inspection.
- District contractors completed raking and spreading slash piles at Gar Pond.
- District contractors worked on road repairs in the Warbler Loop area of Steinhatchee Springs.

Resource Management

- No reporting activity.

Water Resources

- Darlene Velez virtually attended the Winter Florida Coastal Managers Forum.

Minimum Flows and Minimum Water Levels

- No reporting activity.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Water Supply

- District staff met with organizers from the University of Florida FACETS research project to discuss the NFSEG model.
- District staff met with representatives of the City of Lawtey to discuss water supply planning activities.
- District staff met with representatives of the City of Lake Butler to discuss water supply planning activities.
- Water Supply staff participated in a meeting to review draft water budget data produced by Jones Edmonds for the City of Lake City.
- Water Supply staff met with the USGS and Alachua County EPD to discuss water use estimation for domestic self-supply and landscape recreational self-supply water use categories.
- District staff met with representatives from the Florida Department of Agriculture and Consumer Services and the Balmoral Group to review draft agricultural irrigation land coverage for 2019.

Hydrological Data

- No reporting activity.

Agriculture and Environmental Projects

- Pat Webster, Kris Eskelin and Tim Alexander participated in a virtual meeting with the City of Lake City to discuss the progress of the AWS Analysis.
- Pat Webster, Bob Heeke and David Christian met with representatives of Bradford County and the City of Starke to discuss a joint Commission Meeting.
- Kris Eskelin performed a site visit to the High Springs Phase 2 Project to review progress.
- Bob Heeke and David Christian performed a site visit to the Mallory Swamp Project in Lafayette County.
- Project Review Team met with representatives of Current Problems to discuss potential cost-share opportunities.
- Kris Eskelin attended a virtual inter-District meeting on State-wide water loss.
- Kris Eskelin performed a site visit to the Gwen Lake projects to review progress.
- Libby Schmidt performed a site visit to the Santa Fe Springs Land Acquisition Project in Columbia County to locate a possible abandoned well and septic tanks on the property.
- Libby Schmidt assisted Resource Management staff on an Ag complaint in Alachua County.

Information Technology and GIS

- No reporting activity.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Communications




- Weekly Top Performing Post

Suwannee River Water Management District
Published by Lindsey Garland (7) · March 1 · 🌐

⚠️ Flooding on District lands ⚠️

Visitors of District lands are encouraged to be cautious, due to flood conditions. Do not attempt to drive through water standing or water flowing across roads. Bicyclists and hikers should avoid flooded areas due to underwater obstacles and unseen currents.

Due to flooding and unsafe conditions, the District has suspended issuing all boat/canoe camping special use authorization on the Suwannee, Withlacoochee and Santa Fe Rivers... [See More](#)

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When you boost this post, you'll show it to more people.

2,542 People Reached 318 Engagements [Boost Post](#)

👍👎 Skip Carroll, Lisa Fortner and 33 others 8 Comments 18 Shares

👍 Like 💬 Comment ➦ Share 🌐

Performance for Your Post

2,542 People Reached

98 Reactions, Comments & Shares

53 👍 Like On Post	32 👍 On Post	21 👍 On Shares
13 😲 Wow On Post	3 👍 On Post	10 👍 On Shares
1 😞 Sad On Post	0 👍 On Post	1 👍 On Shares
14 Comments	10 On Post	4 On Shares
17 Shares	16 On Post	1 On Shares

220 Post Clicks

44 Photo Views	0 Link Clicks	176 Other Clicks
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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

Announcements for the week of March 14 – 20, 2021

- No announcements.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

WEEKLY ACTIVITY REPORT TO GOVERNING BOARD FOR MARCH 7 – 13, 2021

Executive / Management

- Hugh Thomas virtually presented at the Lake City Business and Economic Development Council Meeting.

Legislative and Community Affairs

- Ben Glass virtually attended Interim Committee Week 2 of the Florida Legislature.

Administration

- No reporting activity.

Finance

- No reporting activity.

Land Management

- District contractors continued woods mowing at Sandlin Bay.
- Timber harvest contractors worked on the Ellaville Tract.
- Steve Carpenter completed the Chinquapin Conservation Easement inspection.
- Land Management staff met with Baily Brothers on conservation easement change request.
- Land Management staff completed rare species monitoring on Mandalay Tract on the Aucilla River.
- Ryan Sims met with SJRWMD to show the silviculture mobile application from F-4 Tech.
- Fire lines have been installed on the Lake Butler Wellfield preparing for site prep burn.
- District contractors worked on road repairs in the Warbler Loop area of Steinhatchee Springs.
- Due to continued flooding and unsafe conditions the District is not issuing all boat/canoe and camping special use authorizations on the Suwannee, Withlacoochee, and Santa Fe Rivers.
- Many District tracts along the Suwannee, Alapaha, Withlacoochee and Santa Fe Rivers have minor flooding.

Resource Management

- Leroy Marshall attended the FEMA Region 4 webinar to discuss grant administration.

Water Resources

- Darlene Velez and Sean King virtually participated in the Horseshoe Cove and Suwannee Sound Workshop led by the Florida Fish and Wildlife Conservation Commission. Darlene presented an overview of District monitoring, projects and priorities for coastal resources.

Minimum Flows and Minimum Water Levels

- No reporting activity.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Water Supply

- Water Supply staff met with SJRWMD to support implementation of regional modeling and development of the upcoming North Florida Regional Water Supply Plan.
- District staff met with representatives of the City of Starke to discuss water supply planning activities.

Hydrological Data

- No reporting activity.

Agriculture and Environmental Projects

- Project Review Team met with Mike New with the City of Newberry to discuss a LifeSoils Soil Amendment opportunity.
- Pat Webster, Bob Heeke and Dave Christian attended a Recharge Project Kickoff meeting.
- Libby Schmidt presented at the UF/IFAS Winter Forages On-Farm Field Day in Suwannee County, talked with producers and distributed Ag cost-share applications.
- Bob Heeke and Dave Christian performed a site visit to the Mallory Swamp Project in Lafayette County.

Information Technology and GIS

- Paul Buchanan participated in the annual Branford High School FFA Agricultural Day for Branford Elementary by using maps and pictures to highlight the 90 springs within 15 miles of the school and to discuss the importance of protecting water resources.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Communications

- Weekly Top Performing Post

Suwannee River Water Management District
Published by Lindsey Garland · 191 · 8d · 🌐

Water levels are high along the river! Has your faucet water turned brown? 🌧️ If you live near the river and notice your faucet water is brown, then we recommend boiling your water or using an alternative water source.

💧 The brown water is not unusual with high river levels. It is a sign that surface water from high river levels may have entered the aquifer. As a result, the well water may contain surface water bacteria.

👉 If you are concerned about drinking your well water, contact your local county Department of Health for more information about testing your private well for bacteria, and contact your local licensed water well contractor for well disinfection options. 🌟

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

4,315 People Reached 406 Engagements [Boost Post](#)

👍❤️👍 Agnes Wigal, Harry Fleener and 20 others 2 Comments 28 Shares

👍 Like 💬 Comment ➦ Share 🌐

Performance for Your Post

4,315 People Reached

90 Reactions, Comments & Shares

46 Like	19 On Post	27 On Shares
2 Love	1 On Post	1 On Shares
6 Wow	2 On Post	4 On Shares
8 Comments	2 On Post	6 On Shares
28 Shares	28 On Post	0 On Shares

316 Post Clicks

7 Photo Views	0 Link Clicks	309 Other Clicks
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NEGATIVE FEEDBACK

0 Hide Post 1 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 March 21 – 27, 2021

- No reporting activities.



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

WEEKLY ACTIVITY REPORT TO GOVERNING BOARD FOR MARCH 14 – 20, 2021

Executive / Management

- Charles Keith, Hugh Thomas and Tim Alexander met with Columbia County Manager David Kraus, Assistant County Manager Kevin Kirby and Commissioner Toby Witt to discuss the Country Club Road item.

Legislative and Community Affairs

- Ben Glass virtually attended Interim Committee Week 3 of the Florida Legislature.
- Tim Alexander attended a virtual meeting with representatives from the City of Alachua and Gainesville Regional Utilities to discuss reclaim water use.

Administration

- Steve Schroeder and Ashley Spivey met with Gray Construction for planning purposes related to the HVAC relocation project.
- Steve Schroeder, in collaboration with the AWS projects team, participated in a virtual conference with District staff and FDEP grant managers regarding various grant projects.

Finance

- No reporting activity.

Land Management

- District contractors completed woods mowing at Sandlin Bay and Hopewell tracts.
- Steve Carpenter completed the Mann Conservation Easement inspection.
- Timber harvest contractors worked on the Ellaville Tract.
- District contractors completed road repairs in the Warbler Loop area of Steinhatchee Springs Tract.
- Flood waters have receded below the river levels in the public use standards to allow the District to issue boat/canoe camping special use authorizations on the Upper Suwannee and Santa Fe Rivers.
- Many District tracts along the Middle and Lower Suwannee have minor flooding.
- Ryan Sims virtually attended the 21st Biennial Southern Silvicultural Research Conference.

Resource Management

- Warren Zwanka and Monica Schott attended the March meeting of the North Central Florida Water Well Association in Gainesville to discuss license renewals.

Water Resources

- Darlene Velez participated in the Natural Resource Leadership Institute training in Palatka.

Minimum Flows and Minimum Water Levels

- District staff virtually attended the Santa Fe Springs Protection Forum meeting. Sean presented an update on the Lower Santa Fe and Ichetucknee Rivers and Priority Springs MFL.

Water Supply

- District staff met with representatives of the City of Archer to discuss water supply planning activities.



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- District staff met with GRU and City of Alachua to discuss reclaimed water being used at the Deerhaven Renewable Facility.

Hydrological Data

- No reporting activity.

Agriculture and Environmental Projects

- Patrick Webster and Libby Schmidt met with FDEP to discuss the Santa Fe Springs Cost Share Agreement.
- Bob Heeke performed a site inspection of the Mallory Swamp Project in Lafayette County.
- Pat Webster and Dave Christian worked to set and plant trees at the Edwards Bottomlands Project site in Bradford County.
- Bob Heeke and Kris Eskelin participated in the FDEP Springs Grant meeting.
- Kris Eskelin participated in the virtual Reuse Desirability Study Review Meeting hosted by FDEP.
- Ben Glass and Libby Schmidt met with Doug Crawford of BMP Logics to discuss the SMS Ag Program and deliverables.
- Pat Webster, Kris Eskelin and Libby Schmidt attended a Project Kick Off Meeting with Progressive Water Resources.

Information Technology and GIS

- No reporting activity.

Communications

- Lindsey Covington virtually attended the Monthly Potable Reuse Working Group meeting with FDEP and other water management districts to discuss outreach initiatives.
- Weekly Top Performing Post



SUWANNEE RIVER

WATER MANAGEMENT DISTRICT

Suwannee River Water Management District
Published by Lindsey Garland | March 18

It is important to hire a licensed water well contractor to plug a well when it is no longer usable. Find a licensed contractor on our website at <https://bit.ly/ZONFJB5>.

Proper Well Abandonment
01:03

1,818 People Reached **75** Engagements [Boost Again](#)

Boosted on Mar 24, 2021
By Lindsey Covington **Finishes in 4 days**

People Reached	1.5K	ThruPlays	340
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[View Results](#)

Jimmy Lamb, Jose Diaz Patxot and 4 others

[Like](#) [Comment](#) [Share](#)

Performance for Your Post

1,818 People Reached

967 3-Second Video Views

6 Likes, Comments & Shares

6 Likes	6 On Post	0 On Shares
0 Comments	0 On Post	0 On Shares
0 Shares	0 On Post	0 On Shares

69 Post Clicks

52 Clicks to Play	1 Link Clicks	16 Other Clicks
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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

Announcements for the week of March 28 – April 3, 2021

- No reporting activities.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Lindsey Covington, Communications and Outreach Manager, Office of Communications and Organizational Development

THRU: Katelyn Potter, Chief, Office of Communications and Organizational Development

DATE: March 11, 2021

RE: Contract with Robin Shepherd Studios, Inc., for the Who We Are Campaign

RECOMMENDATION

Authorize the Executive Director to enter into a contract with Robin Shepherd Studios, Inc., for services related to the Who We Are Campaign, in an amount not to exceed \$50,000.

BACKGROUND

As part of the 2020-2021 Communications Plan, the District is developing outreach materials to educate residents and visitors of North Florida about the core mission of the District and to illustrate how the District protects the natural resources through resource management, land management, projects, water supply, minimum flows and minimum water levels, water resources and hydrologic data services.

The Who We Are Campaign includes videos focused on core mission areas, informational graphics, educational videos and lesson plans.

On February 19, 2021, the District posted a request for proposals. On March 10, 2021, the District received 12 proposals. Staff reviewed the proposals and recommends Robin Shepherd Studios, Inc., as the project vendor based on their expertise in campaigns and creative development, price, quality of work, project management experience, previous work experience, and ability to meet the requested timeline. The finalized price of the contract will be negotiated and not to exceed \$50,000.

Rank	Company	City
1	Robin Shepherd Studios, Inc.	Jacksonville, FL
2	Skye Creative Marketing	Tallahassee, FL

Funding for this recommendation is included in the Fiscal Year 2020-2021 Final Budget under the account codes 01-2586-2-1101-00-00, 01-2586-6-1102-00-00, 01-2586-6-1200-00-00, and 01-2586-6-2300-00-00. All work is scheduled to be completed by September 30, 2021.

KCP/lgc