

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

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

Open to the Public

March 12, 2024
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 - February 13, 2024, Governing Board Meeting and Workshops Minutes
 - Agenda Item No. 11 - January 2024 Financial Report
 - Agenda Item No. 14 - Agricultural Cost-Share Contract with Gary Cone, Hamilton County
 - Agenda Item No. 15 - Amendment to Contract 22/23-123 with Coastal Sands Crops, LLC, Suwannee County
 - Agenda Item No. 16 - Amendment to Contract 22/23-118 with Beaver Lake LLC, Suwannee and Madison Counties
 - Agenda Item No. 24 - Order Number 24-002, 2024 Western Water Supply Plan (2020-2045 Planning Horizon)
6. February 13, 2024, Governing Board Meeting and Workshops Minutes -
Recommend Consent
7. Items of General Interest for Information/Cooperating Agencies and Organizations
 - A. Hydrologic Conditions Report
 - B. Cooperating Agencies and Organizations

GOVERNING BOARD LEGAL COUNSEL
Tom Reeves

8. Update on Legal Activities

BUSINESS AND COMMUNITY SERVICES
Tim Alexander, Deputy Executive Director

Administration

- BCS Page 1
9. Land Acquisition and Disposition Activity Report

BCS Page 4 10. Declaration of Surplus Property and Disposition

Finance

BCS Page 8 11. January 2024 Financial Report – **Recommend Consent**

Resource Management

BCS Page 13 12. Permitting Summary Report

Agriculture and Environmental Projects

BCS Page 16 13. Agriculture and Environmental Projects Monthly Report

BCS Page 18 14. Agricultural Cost-Share Contract with Gary Cone, Hamilton County –
Recommend Consent

BCS Page 25 15. Amendment to Contract 22/23-123 with Coastal Sands Crops, LLC, Suwannee
County – **Recommend Consent**

BCS Page 30 16. Amendment to Contract 22/23-118 with Beaver Lake LLC, Suwannee and
Madison Counties – **Recommend Consent**

OUTREACH AND OPERATIONS

Katelyn Potter, Division Director

Outreach and Operations

OPS Page 1 17. Outreach and Communications Activity Summary

OPS Page 3 18. Water Conservation Month Proclamation

OPS Page 5 19. Springs Protection Proclamation

Land Management

OPS Page 7 20. Land Management Update

Hydrologic Data Services

OPS Page 10 21. Agricultural Water Use Monitoring Report

OPS Page 13 22. Governing Board Directive 24-0001, Agriculture Water Use Monitoring
Directive - Revised

WATER RESOURCES

Amy Brown, Deputy Executive Director

23. Water Resources Division Updates

AGENDA
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD WORKSHOP

March 12, 2024
Following Board Meeting

District Headquarters
Live Oak, Florida

- Chapter 40B-4, Florida Administrative Code, Rulemaking

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

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

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

February 13, 2024
9:00 a.m.

District Headquarters
Live Oak, Florida

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

Agenda Item No 2 – Roll Call

Governing Board

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

Governing Board Legal Counsel

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

Leadership Team

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

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

Agenda Item No. 4 – Public Comment:

- Genaro Parga – Flooding concerns due to Buckeye Mill closure in Taylor County

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

- Agenda Item No. 6 - January 9, 2024, Governing Board Meeting and Workshops Minutes
- Agenda Item No. 10 - December 2023 Financial Report
- Agenda Item No. 14 - Renewal of Water Use Permit 2-121-219872-3, Suwannee River Power Plant, Suwannee County
- Agenda Item No. 16 - Amendment to Contract 23/24-046 with Herman Sanchez Jr., Dixie County
- Agenda Item No. 17 - Amendment to Contract 23/24-041 with Herman Sanchez III, Dixie County
- Agenda Item No. 18 - Amendment to Contract 23/24-043 with Sanchez Farms, LLC, Dixie, Levy and Gilchrist Counties
- Agenda Item No. 19 - Agricultural Cost-Share Contract with Alliance Grazing Group, Levy County

Mr. Lloyd announced a conflict of interest and abstained from voting on Agenda Item No. 5, which includes Agenda Item No. 19 - Agricultural Cost-Share Contract with Alliance Grazing Group, Levy County. The Conflict of Interest Form was completed and signed by Mr. Lloyd for this item. This form is hereby made part of these minutes and is filed in the permanent Governing Board Meeting minutes files of the District.

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

Agenda Item No. 6 - January 9, 2024, Governing Board Meeting and Workshops Minutes. Approved on Consent.

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

- A. Robbie McKinney, Program Manager, Office of Water Resources, gave a presentation of hydrologic conditions of the District. Amy Brown, Deputy Executive Director, provided a powerpoint presentation regarding rainfall in Taylor County.
- B. Cooperating Agencies and Organizations. Hugh Thomas, Executive Director recognized the following:
 - Cliff Lewis, Georgia Environmental Protection Agency
 - Scott Downing, Suwannee Satilla Regional Planning Council
 - Shane Wood, CDM Consulting
 - Chris Wynn, Florida Fish and Wildlife Commission
 - Bob Hochmuth, UF IFAS
 - Mark Warren, UF IFAS
- C. Service Recognition – Stephanie Armstrong, Doug Durden, and Steve Schroeder were recognized for five years of service to the District.

GOVERNING BOARD LEGAL COUNSEL

Agenda Item No. 8 – Legal Activities Update. No items.

BUSINESS AND COMMUNITY SERVICES

Administration

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

Finance

Agenda Item No. 10 – December 2023 Financial Report. Approved on Consent.

Agenda Item No. 11 – Governing Board Directive 24-0002, Finance Directive Update. Pam Shaw, Chief, Office of Finance, presented this item to the Board.

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

Agenda Item No. 12 – Resolution 2024-02, Establish and Participate in the State Board of Administration’s Local Government Surplus Funds Trust Fund, and Establish a New Deposit Account with First Federal Bank of Florida. Ms. Shaw presented this item to the Board.

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

Resource Management

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

Agenda Item No. 14 – Renewal of Water Use Permit 2-121-219872-3, Suwannee River Power Plant, Suwannee County. Approved on Consent.

Agriculture and Environmental Projects

Agenda Item No. 15 – Agriculture and Environmental Projects Monthly Report. This report was provided as an informational item in the Board materials.

Agenda Item No. 16 – Amendment to Contract 23/24-046 with Herman Sanchez Jr., Dixie, and Levy Counties. Approved on Consent.

Agenda Item No. 17 – Amendment to Contract 23/24-041 with Herman Sanchez III, Dixie County. Approved on Consent.

Agenda Item No. 18 – Amendment to Contract 23/24-043 with Sanchez Farms, LLC, Dixie, Levy, and Gilchrist Counties. Approved on Consent.

Agenda Item No. 19 – Agricultural Cost-Share Contract with Alliance Grazing Group, Levy County. Approved on Consent.

OUTREACH AND OPERATIONS

Communications and Outreach

Agenda Item No. 20 – Outreach and Communications Activity Summary. This summary was provided as an informational item in the Board materials.

Agenda Item No. 21 – 2024 Consolidated Annual Report. This report was provided as an informational item in the Board materials.

Land Management

Agenda Item No. 22 – Land Management Update. This update was provided as an informational item in the Board materials.

Hydrologic Data Services

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

WATER RESOURCES

Agenda Item No. 24 – Water Resources Division Updates. Dr. Brown provided updates to the Board.

Water Supply

Agenda Item No. 25 – Western Water Supply Plan Presentation. Emily Ducker, Chief, Office of Water Supply, provided this presentation to the Board.

Water Resources

Agenda Item No. 26 – **Public Hearing** and Approval of the 2024 Suwannee River Basin Surface Water Improvement and Management Plan Update.

Chair Johns opened the Public Hearing for the Approval of the 2024 Suwannee River Basin Surface Water Improvement and Management Plan Update.

Suzie Hetrick, Chief, Office of Water Resources, presented this item to the Board.

Public Comments received. None

Chair Johns closed Public Hearing.

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

EXECUTIVE OFFICE

Agenda Item No. 27 - Announcements. Mr. Thomas updated the Board on District activities.

Agenda Item No. 28 - Governing Board Comments. None

Agenda Item No. 29 - Adjournment. Meeting adjourned at 11:32 a.m.

Chair

ATTEST:

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

Workshop began at 11:33 a.m.

Nutrient Efficiency Demonstration Project Discussion

Bob Hochmuth and Mark Warren, UF IFAS, provided a powerpoint presentation regarding the Nutrient Efficiency Demonstration Project.

District Facilities Discussion

Steve Schroeder, Chief, Office of Administration, provided a powerpoint presentation on the completed and on-going projects at the District offices.

Workshop adjourned at 12:40 p.m.

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 1, 2024
RE: Land Acquisition and Disposition Activity Report

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

SS/tm
Attachments

LAND ACQUISITION AND DISPOSITION ACTIVITY REPORT

Property Offers							
Owner	Tract	Acres	County	Submittal Date	Asking Price	Acquisition Type	Comments
Approved for Detailed Assessment							
Owner	Project Name	Acres	County	Submittal Date	Asking Price	Acquisition Type	Comments
Florida Department of Transportation	Quail Heights	40.63	Columbia		\$651,105	Fee	Staff review on 8.8.19 recommended purchase in partnership with FDOT. Approved by LC on 2.11.20. Approved by GB 3.10.20. Submitted for Springs Grant funding but not obtained for FY 20. Property acquired by FDOT on 9.10.20. LC approved contribution to acquisition costs 11.10.20. GB approved on consent agenda 12.8.20. FDOT contract completed. Resolution for acquisition on GB agenda 5.11.21 and was approved. Final revisions and resolution of all contingencies complete and satisfied. Funds will be distributed to FDOT before 6.1.21. Agreement with FDOT executed. Funds referred after due diligence. Staff is working on obtaining appropriate surveys and negotiating agreement with Columbia County. Interlocal agreement being drafted with Columbia County. Survey received from Columbia County. Determining next steps for completion of transaction. Staff met with County representatives 9.13.22 - MOA should be completed by 10.1.22. Still awaiting MOA from County. District has assumed responsibility for MOA anticipate completion by April 2023. Staff is meeting with County on May 18, 2023 to discuss. Awaiting comments from County legal counsel on MOA. Revised MOA awaiting approval by Columbia County Commission. MOU approved by County Commission on 12.6.23. Governing Board executed MOU 1.9.24 pending recording in both Counties.
Waldo Tree Farm, LLC	Waldo Tree Farm	38 +/-	Alachua	5.10.22	TBD based on appraisal	Fee	8.9.22 LC authorized staff to expend not more than \$5,000 to acquire an appraisal and negotiate a price with the sellers. Recommended acquisition price to be presented to LC when available for further approval and recommendations to the Governing Board. Quotes pending for appraisal. Appraisal pending. Anticipated completion in February 2023. Appraisal received. Proposed acquisition price being submitted to LC March 2023. LC approved acquisition price at March 2023 meeting. On April 2023 GB Agenda. Contract being prepared. ESA Phase 1 being ordered. Phase 1 report anticipated in late August. Phase 1 underway (delayed due to contractor personell issues) due by November 20. Satisfactory Phase 1 ESA recieved. Sent for closing. Final Resolution on January 2024 Agenda. Resolution approved. Closing pending. One exception in title report being cleared. Expected to Close before 3.1.24
Hodges	Hodges	753 +/-	Levy	3.2023	TBD based on appraisal	Conservation Easement	5.9.23 Staff recommendation approved by LC. On June 2023 Governing Board agenda. Discussion of terms of CE in process. Revised map and amended language being reviewed by Offeror. Paused pending resolution non-District related issues..
Tanner Springs (Dixon)	Dixon	40 +/-	Hamilton	1.2023	TBD based on appraisal	Conservation Easement	5.9.23 Staff recommendation approved by LC. On June 2023 Governing Board agenda. Discussion of terms of CE in process. Springs buffer map and revised language being reviewed by offeror. Appraisal being ordered.
Long Pond	Williams Family Investments, LLC.	947 +/-	Levy	6.2023	TBD based on appraisal	Conservation Easement	9.25.23 staff recommendation approved by Lands Committee. 10.10.23 LC action approved by Governing Board. CE terms being negotiated. Projects team conducted a site visit 12.11.23 - recommendations being incorporated into CE language. Revised language being reviewed by Offeror.
Rawson	Matthew Rawson	140 +/-	Lafayette	5.2023	TBD based on appraisal	Conservation Easement	9.25.23 staff recommendation approved by Lands Committee. 10.10.23 LC action approved by Governing Board. CE terms being negotiated. Awaiting amended language from offeror and decision regarding Mortgage. Additional revisions made to language. Discussions underway regarding potential uses by offeror.
Taylor	Johnny Taylor	941 +/-	Gilchrist	7.2023	TBD based on appraisal	Conservation Easement	9.25.23 staff recommendation approved by Lands Committee. 10.10.23 LC action approved by Governing Board. CE terms being negotiated. Awaiting feedback from offeror. Pending discussion with owner we may defer until project planning complete. .

LAND AND DISPOSITION ACTIVITY REPORT SURPLUS

Proposed for Surplus

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

Authorized for Surplus

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

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Kelly Landis, Facilities, Fleet & Asset Specialist
THRU: Stephen Schroeder, Chief, Office of Administration
DATE: March 1, 2024
RE: Declaration of Surplus Property and Disposition

RECOMMENDATION

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

BACKGROUND

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

This recommendation authorizes staff to dispose of the attached surplus property items by either trading them when new items are purchased, offering them to other governmental units in the District, offering the property to private nonprofit agencies as defined in Section 273.01(3) F.S., by auction, or disposing as scrap.

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

KL/tm
Attachment

CERTIFICATION OF SURPLUS PROPERTY
SUWANNEE RIVER WATER MANAGEMENT DISTRICT

Date _____

This is to certify that the District property described below is surplus and recommended to be disposed of and removed from the District inventory.

Property #	Quantity	Description	Age	Cost New	Method of Disposal (Transfer/Sell/Scrap/ Trade In)	Estimated Value (Vehicle only)	Reason for Determination of Surplus	Received by
3619	1	Dell Latitude E5570	6.7 yrs.	\$1,586.96	Sell		End of life	
3615	1	Dell Latitude E5570	6.7 yrs.	\$1,586.96	Sell		End of life	
3618	1	Dell Latitude E5570	6.7 yrs.	\$1,586.96	Sell		End of life	
3625	1	Dell Latitude E5570	6.5 yrs.	\$1,685.00	Sell		End of life	
3599	1	Dell Latitude E5570	6.11 yrs.	\$1,586.52	Sell		End of life	
3622	1	Dell Latitude E5570	6.5 yrs.	\$1,521.58	Sell		End of life	
3621	1	Dell Latitude E5570	6.5 yrs.	\$1,521.58	Sell		End of life	
3624	1	Dell Latitude E5570	6.5 yrs.	\$1,521.58	Sell		End of life	
3617	1	Dell Latitude E5570	6.7 yrs.	\$1,586.96	Sell		End of life	
3616	1	Dell Latitude E5570	6.7 yrs.	\$1,586.96	Sell		End of life	
3623	1	Dell Latitude E5570	6.5 yrs.	\$1,521.58	Sell		End of life	
3620	1	Dell Latitude E5570	6.5 yrs.	\$1,521.58	Sell		End of life	
3676	1	Dell Latitude 5580	5.7 yrs.	\$2,354.72	Sell		End of life	
3670	1	Dell Latitude 5580	5.7 yrs.	\$1,800.00	Sell		End of life	
3686	1	Dell Latitude 5580	5.5 yrs.	\$1,581.52	Sell		End of life	

DISTRIBUTION

Original: Procurement Coordinator
Copy: Division Director
Adm Form #10 – Revised 08/20/2014

3685	1	Dell Latitude 5580	5.5 yrs.	\$1,581.52	Sell		End of life	
3684	1	Dell Latitude 5580	5.5 yrs.	\$1,581.52	Sell		End of life	
3675	1	Dell Latitude 5580	5.7 yrs.	\$2,354.72	Sell		End of life	
3641	1	Dell Latitude 5580	6.3 yrs.	\$1,656.43	Sell		End of life	
3669	1	Dell Latitude 5580	5.7 yrs.	\$1,800.00	Sell		End of life	
3671	1	Dell Latitude 5580	5.7 yrs.	\$1,800.00	Sell		End of life	
3672	1	Dell Latitude 5580	5.7 yrs.	\$1,800.00	Sell		End of life	
3673	1	Dell Latitude 5580	5.7 yrs.	\$1,800.00	Sell		End of life	
3640	1	Dell Latitude 5580	6.3 yrs.	\$1,656.43	Sell		End of life	
3626	1	Dell XPS 15	6.5 yrs.	\$1,932.32	Sell		End of life	
3391	1	Dell Latitude E6440	8.10 yrs.	\$1,675.24	Sell		End of life	
3586	1	Dell Latitude 6540	7.2 yrs.	\$1,569.12	Sell		End of life	
3587	1	Dell Latitude 6540	7.2 yrs.	\$1,569.12	Sell		End of life	
3662	1	Dell Precision 3620	5.10 yrs.	\$2,042.07	Sell		End of life	
3313	1	Dell OptiPlex 9020	9.4 yrs.	\$1,149.67	Sell		End of life	
3310	1	Dell OptiPlex 9020	9.4 yrs.	\$1,149.67	Sell		End of life	
3308	1	Dell OptiPlex 9020	9.7 yrs.	\$1,235.95	Sell		End of life	
3235	1	Dell OptiPlex 990	11.7 yrs.	\$1,357.80	Sell		End of life	
3256	1	Dell OptiPlex 9010	10.11 yrs.	\$1,051.05	Sell		End of life	
3222	1	Dell OptiPlex 990	11.8 yrs.	\$1,143.46	Sell		End of life	
3589	1	Dell DR4300	7.2 yrs.	\$29,363.40	Sell		End of life	
3574	1	Dell PowerEdge Server R530	7.8 yrs.	\$2,940.36	Sell		End of life	

DISTRIBUTION

Original: Procurement Coordinator
Copy: Division Director
Adm Form #10 – Revised 08/20/2014

3650	1	Dell PowerEdge Server R430	6.2 yrs.	\$4,346.48	Sell		End of life	
3300	1	POWEREDGE KVM	9.8 yrs.	\$2,657.25	Sell		End of life	
3614	1	Microsoft Surface Pro 4	7.9 yrs.	\$1,184.04	Sell		End of life	
3597	1	Microsoft Surface Pro 4	7.1 yrs.	\$1,190.33	Sell		End of life	
3656	1	Microsoft Surface Pro 4	6.3 yrs.	\$951.25	Sell		End of life	
3668	1	Microsoft Surface Pro	5.7 yrs.	\$1,195.08	Sell		End of life	
3546	1	Microsoft Surface Pro 3	8.6 yrs.	\$1,413.74	Sell		End of life	
3385	1	Microsoft Surface Pro 3	8.10 yrs.	\$1,413.74	Sell		End of life	
3719	1	Microsoft Surface Pro 6	4.4 yrs.	\$1,675.34	Sell		End of life	

Acquisition and disposal of property is solely the responsibility of the District's Procurement Coordinator under the direct supervision of the Administrative Services Bureau Manager. The Administrative Services Bureau Manager must authorize any sale, transfer, exchange, trade in or any other means of disposal of all surplus property.

APPROVED: _____
Administrative Office Chief

RECOMMENDED BY: Tyler Jordan

TITLE: _____ Systems Administrator

DISTRIBUTION

Original: Procurement Coordinator
Copy: Division Director
Adm Form #10 – Revised 08/20/2014

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 1, 2024
RE: January 2024 Financial Report

RECOMMENDATION

Approve the January 2024 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
January 2024**

Financial Institution/Account	Monthly Interest	Interest Rate %	Closing Balance
First Federal Permit Fee	\$0.00		\$2,223.89
First Federal Accounts Payable	\$0.00		\$35,000.00
First Federal EFT Disbursements	\$0.00		\$0.00
First Federal Depository	\$1,530.84		\$896,459.21
Special Purpose Investment Account (SPIA)*	<u>\$119,392.94</u>	3.59%	<u>\$38,567,713.98</u>
TOTAL	<u><u>\$120,923.78</u></u>		<u><u>\$39,501,397.08</u></u>

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

**Suwannee River Water Management District
Statement of Sources and Uses of Funds
For the Month ending January 31, 2024
(Unaudited)**

	Current Budget	Actuals Through 1/31/2024	Variance (Under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 6,889,956	\$ 5,620,355	\$ (1,269,601)	81.6%
Intergovernmental Revenues	\$ 51,272,469	\$ 5,886,102	\$ (45,386,367)	11.5%
Interest on Invested Funds	\$ 130,000	\$ 289,546	\$ 159,546	222.7%
License and Permit Fees	\$ 223,000	\$ 118,412	\$ (104,588)	53.1%
Other	\$ 1,390,000	\$ 367,016	\$ (1,022,984)	26.4%
Fund Balance ¹	\$ 11,728,665	\$ 1,259,463	\$ (10,469,202)	10.7%
Total Sources	\$ 71,634,090	\$ 13,540,894	\$ (58,093,196)	18.9%

	Current Budget	Expenditures	Encumbrances ²	Available Budget	%Expended	%Obligated ³
Uses						
Water Resources Planning and Monitoring	\$ 12,182,776	\$ 1,621,387	\$ 5,864,893	\$ 4,696,497	13%	61%
Acquisition, Restoration and Public Works	\$ 46,444,966	\$ 5,030,027	\$ 34,000,082	\$ 7,414,857	11%	84%
Operation and Maintenance of Lands and Works	\$ 8,457,072	\$ 1,140,589	\$ 2,731,721	\$ 4,584,762	13%	46%
Regulation	\$ 2,368,342	\$ 497,236	\$ 71,431	\$ 1,799,675	21%	24%
Outreach	\$ 227,719	\$ 80,911	\$ 4,992	\$ 141,816	36%	38%
Management and Administration	\$ 1,953,215	\$ 565,997	\$ 177,377	\$ 1,209,841	29%	38%
Total Uses	\$ 71,634,090	\$ 8,936,147	\$ 42,850,496	\$ 19,847,447	12%	72%

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, contracts, and task work assignments.

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

This financial statement is prepared as of January 31, 2024 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 1/31/2024

	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>Report Recap -</u>			
REVENUES			
DISTRICT REVENUES	6,395,329	0	8,632,956
LOCAL REVENUES	0	0	0
STATE REVENUES	5,598,625	0	35,994,469
FEDERAL REVENUES	287,477	0	15,278,000
FUND BALANCE UTILIZATION	1,259,463	0	11,728,665
TOTAL REVENUES	13,540,894	0	71,634,090
EXPENDITURES			
SALARIES AND BENEFITS	2,148,776	0	8,426,206
CONTRACTUAL SERVICES	3,831,853	14,090,208	26,544,876
OPERATING EXPENDITURES	624,358	278,397	2,334,500
OPERATING CAPITAL OUTLAY	10,710	151,027	343,044
FIXED CAPITAL OUTLAY	904,007	366,407	5,816,000
INTERAGENCY EXPENDITURES	1,416,443	27,964,457	28,169,464
TOTAL EXPENDITURES	8,936,147	42,850,496	71,634,090
EXCESS REVENUES OVER (UNDER) EXPENDITURES	4,604,747	(42,850,496)	0
<u>General Fund -</u>			
REVENUES			
DISTRICT REVENUES	5,995,527	0	5,135,254
LOCAL REVENUES	0	0	0
STATE REVENUES	2,051,516	0	4,740,000
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	0	0	3,066,077
TOTAL REVENUES	8,047,043	0	12,941,331
EXPENDITURES			
SALARIES AND BENEFITS	1,697,161	0	6,482,354
CONTRACTUAL SERVICES	165,659	745,123	4,019,204
OPERATING EXPENDITURES	395,817	117,256	1,452,457
OPERATING CAPITAL OUTLAY	6,371	135,926	226,816
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	62,100	511,159	760,500
TOTAL EXPENDITURES	2,327,108	1,509,464	12,941,331
EXCESS REVENUES OVER (UNDER) EXPENDITURES	5,719,935	(1,509,464)	0
<u>Land Management Operations -</u>			
REVENUES			
DISTRICT REVENUES	348,716	0	2,707,020
LOCAL REVENUES	0	0	0
STATE REVENUES	266,049	0	3,691,119
FEDERAL REVENUES	0	0	40,000
FUND BALANCE UTILIZATION	0	0	2,253,933
TOTAL REVENUES	614,765	0	8,692,072
EXPENDITURES			
SALARIES AND BENEFITS	243,406	0	1,081,015
CONTRACTUAL SERVICES	645,685	1,798,000	3,914,672
OPERATING EXPENDITURES	224,275	157,466	807,543
OPERATING CAPITAL OUTLAY	4,340	15,101	116,228
FIXED CAPITAL OUTLAY	28,484	132,734	1,816,000
INTERAGENCY EXPENDITURES	0	581,614	956,614
TOTAL EXPENDITURES	1,146,190	2,684,915	8,692,072
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(531,425) *	(2,684,915)	0

**To be covered by Appropriations and Ad Valorem*

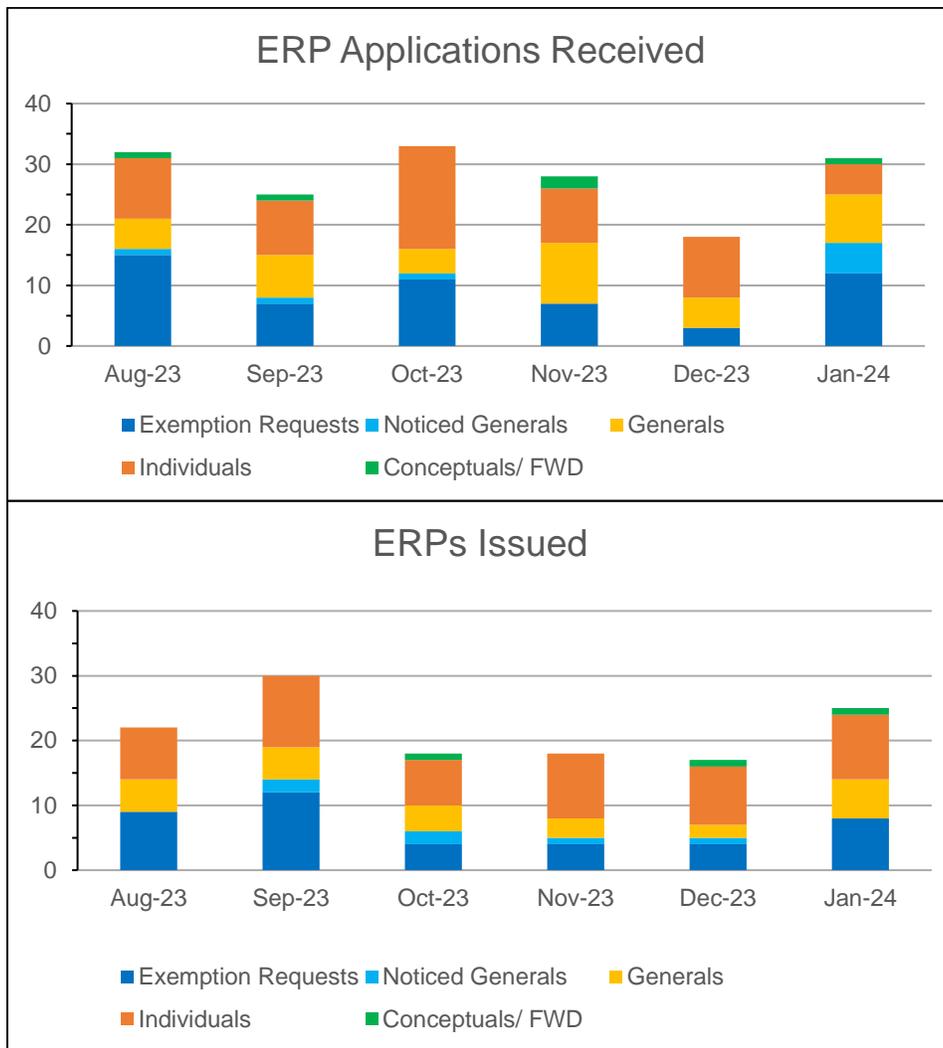
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
FOR 1/31/2024

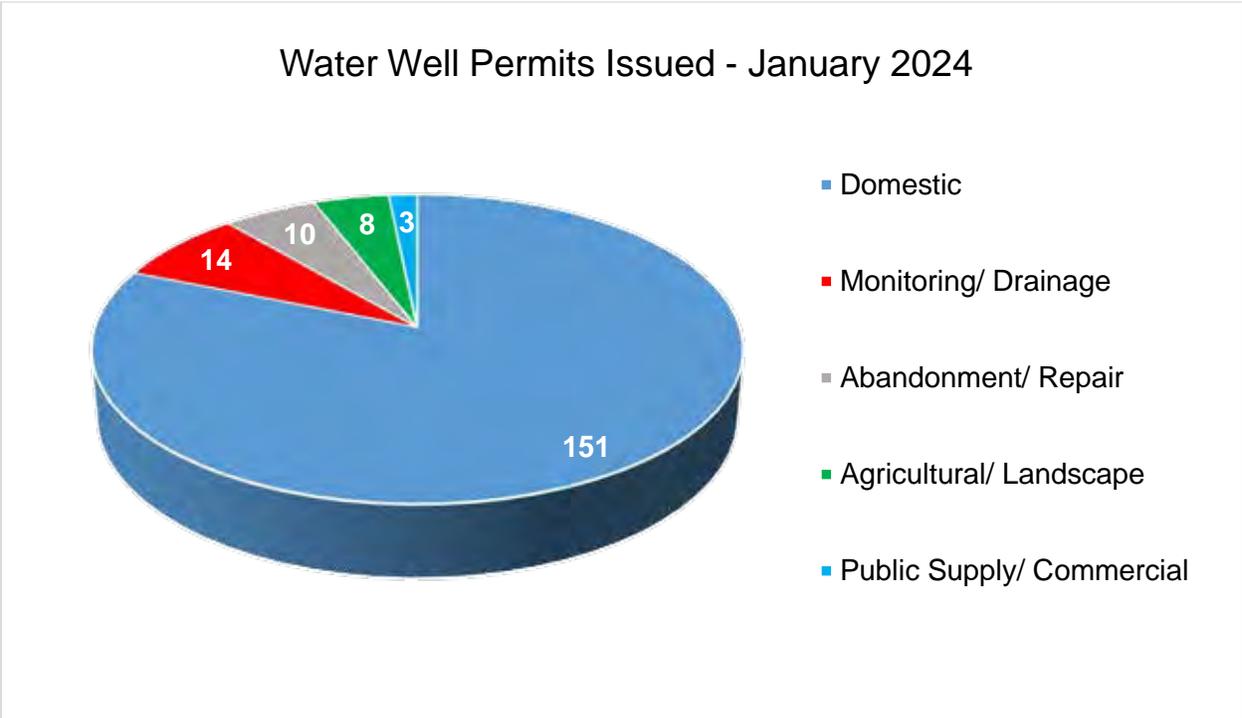
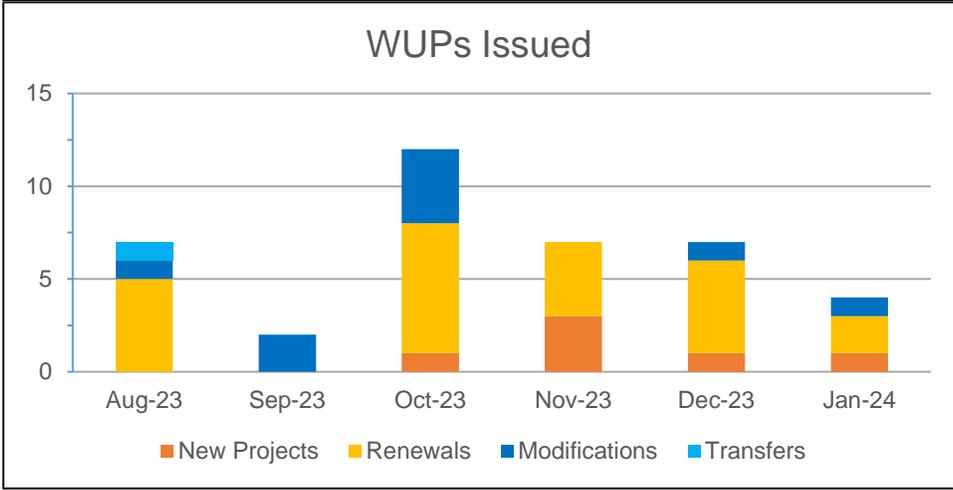
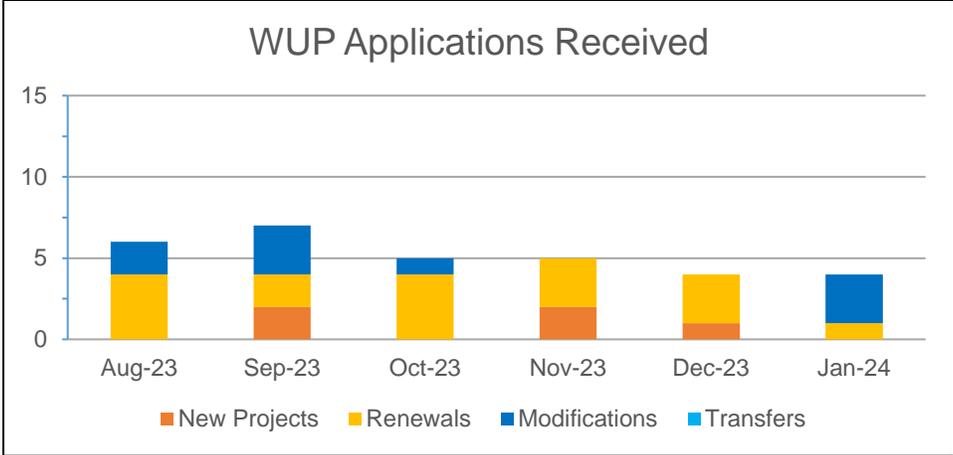
	Y-T-D ACTUAL	ENCUMBRANCE	ANNUAL BUDGET
<u>District Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	371,619	0	3,820,000
TOTAL REVENUES	371,619	0	3,820,000
EXPENDITURES			
SALARIES AND BENEFITS	0	0	0
CONTRACTUAL SERVICES	110,165	641,110	1,300,000
OPERATING EXPENDITURES	0	0	30,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	261,454	1,118,408	2,490,000
TOTAL EXPENDITURES	371,619	1,759,518	3,820,000
EXCESS REVENUES OVER (UNDER) EXPENDITURES	0	(1,759,518)	0
<u>State Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	51,087	0	790,682
LOCAL REVENUES	0	0	0
STATE REVENUES	3,281,061	0	27,563,350
FEDERAL REVENUES	0	0	0
FUND BALANCE UTILIZATION	887,844	0	2,588,655
TOTAL REVENUES	4,219,992	0	30,942,687
EXPENDITURES			
SALARIES AND BENEFITS	207,392	0	846,837
CONTRACTUAL SERVICES	2,691,117	6,255,941	12,624,000
OPERATING EXPENDITURES	4,267	3,674	36,500
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	875,524	233,672	4,000,000
INTERAGENCY EXPENDITURES	1,024,704	12,457,227	13,435,350
TOTAL EXPENDITURES	4,803,004	18,950,514	30,942,687
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(583,012) *	(18,950,514)	0
<i>*To be reimbursed by State Grants</i>			
<u>Federal Special Revenue -</u>			
REVENUES			
DISTRICT REVENUES	0	0	0
LOCAL REVENUES	0	0	0
STATE REVENUES	0	0	0
FEDERAL REVENUES	287,477	0	15,238,000
FUND BALANCE UTILIZATION	0	0	0
TOTAL REVENUES	287,477	0	15,238,000
EXPENDITURES			
SALARIES AND BENEFITS	816	0	16,000
CONTRACTUAL SERVICES	219,227	4,650,035	4,687,000
OPERATING EXPENDITURES	0	0	8,000
OPERATING CAPITAL OUTLAY	0	0	0
FIXED CAPITAL OUTLAY	0	0	0
INTERAGENCY EXPENDITURES	68,185	13,296,050	10,527,000
TOTAL EXPENDITURES	288,228	17,946,085	15,238,000
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(751) *	(17,946,085)	0
<i>*To be reimbursed by Federal 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 1, 2024
RE: Permitting Summary Report





40B-1.1010 Point of Entry into Proceedings**40B-400.091 Statewide FDEP Stormwater**

GB Authorized Rulemaking	2/14/2023	GB Authorized Rulemaking	11/14/2023
Notice of Rule Development		Notice of Rule Development	12/15/2023
Public Workshop		Public Workshop	
Notice of Proposed Rule		Notice of Proposed Rule	1/3/2024
Notice of Correction/ Change		Notice of Correction/ Change	
File with DOS		File with DOS	2/7/2024
Effective Date		Effective Date	Ratification

40B-2.301 AH Water Use Monitoring**40B-2.331 Modification of WUPs**

GB Authorized Rulemaking	11/14/2023	GB Authorized Rulemaking	11/14/2023
Notice of Rule Development	1/5/2024	Notice of Rule Development	1/5/2024
Public Workshop		Public Workshop	
Notice of Proposed Rule	1/19/2024	Notice of Proposed Rule	1/19/2024
Notice of Correction/ Change		Notice of Correction/ Change	
File with DOS	2/16/2024	File with DOS	2/16/2024
Effective Date	3/7/2024	Effective Date	3/7/2024

40B-2.351 Transfer of WUPs

GB Authorized Rulemaking	11/14/2023	GB Authorized Rulemaking	
Notice of Rule Development	1/5/2024	Notice of Rule Development	
Public Workshop		Public Workshop	
Notice of Proposed Rule	1/19/2024	Notice of Proposed Rule	
Notice of Correction/ Change		Notice of Correction/ Change	
File with DOS	2/16/2024	File with DOS	
Effective Date	3/7/2024	Effective Date	

ERP/ WUP Compliance Agreements:

152964 Aucilla Christian Academy ERP, Jefferson County

152980 Garden Apartments – Perry, FL ERP, Taylor County

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: March 1, 2024

RE: Agriculture and Environmental Projects Monthly Report

Attached for your information is the Agriculture and Environmental Projects Monthly Report for March 2024.

LMII/tm
Attachment

Office of Agriculture and Environmental Projects Monthly Report

Period ending January 31, 2023

ENVIRONMENTAL PROJECTS PROGRAM		
	Number of Contracts	Amount under contract
Active Contracts	32	\$ 30,496,993
Completed within the last 6 months	10	\$ 2,513,121
Totals	42	\$ 33,010,114

AGRICULTURAL COST-SHARE PROGRAM		
	Number of Contracts	Amount under contract
Active Contracts	117	\$ 11,229,696
Completed within the last 6 months	27	\$ 1,585,484
Totals	144	\$ 12,815,180

FLOOD RISK OUTREACH AND MAPPING PROGRAM		
	Number of Contracts	Amount under contract
Number of Contracts (TWAs)	12	\$ 6,880,106
Completed within the last 6 months	1	\$ 790,500
Totals	13	\$ 7,670,606
TOTAL CONTRACTS / TWAs	199	\$ 53,495,900

AEP APPLICATIONS	
	Number of Projects
Agriculture Applications under review	37
AWS and Springs	16
Conceptual Projects under review	13
Projects in Queue	4
TOTAL	70

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

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

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: March 1, 2024

RE: Agricultural Cost-Share Contract with Gary Cone, Hamilton County

RECOMMENDATION

Authorize the Executive Director to enter into a contract with Gary Cone to implement agricultural cost-share practices for an amount not to exceed \$411,440 and allow for funding source LPS0087 to exceed the \$300,000 threshold.

BACKGROUND

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

Gary Cone has applied for agricultural cost-share under the District Agricultural Cost-Share Program to implement center pivot retrofits, control panels, GPS end-gun shutoffs, remote controls, pump upgrades, variable rate irrigation and a variable frequency drive for use across 325 acres of corn, peanuts, and carrots in Hamilton County. The District currently has no active contracts with Gary Cone. There are two funding sources that will be used to execute this contract. The amount allocated by one funding source, LPS0087, will exceed the \$300,000 threshold by \$51,720.

This project is located in the Suwannee River Basin Management Action Plan Area, and the Eastern and Western Water Supply Planning Areas. The associated water savings estimate is 0.171 million gallons per day and approximately 81,250 pounds of nitrogen reduction at land surface.

Attachment A lists the cost share items and funding breakdown. Funding for this project is included in the Fiscal Year 2024 Final Budget.

SA/tm
Attachments

ATTACHMENT A

PRODUCER Gary Cone
 WATER USE PERMIT 220367
 BMAP SUWA
 PFA NA
 COUNTY Hamilton

Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices

Item	Percent Cost-Share	Maximum Cost-Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost-Share Total	Producer Share	Completion Due Date
LPS0087 Program Agricultural Springs Protection					\$351,720.00		
*LPS GPS end-gun shut-offs	90%	\$1,800.00		9	\$16,200.00	\$4,500.00	1 year from effective date
*GBD23 Remote Controls	90%	\$4,440.00		18	\$79,920.00	\$22,200.00	1 year from effective date
GBD23 Center Pivot Retrofit	75%	\$12,000.00		9	\$108,000.00	\$12,000.00	1 year from effective date
*GBD Variable Frequency Drive (VFD)	90%	\$21,600.00		2	\$43,200.00	\$12,000.00	1 year from effective date
*GBD Stationary Fertigation System	90%	\$10,800.00		3	\$32,400.00	\$9,000.00	1 year from effective date
*GBD Pump Upgrade (High to Low Pressure)	90%	\$18,000.00		1	\$18,000.00	\$5,000.00	1 year from effective date
*GBD Control Panel Upgrade	90%	\$6,000.00		9	\$54,000.00	\$15,000.00	1 year from effective date
Program Precision Ag					\$59,720.00		
Variable Rate Irrigation Equip.	75%	\$50,000.00		1	\$50,000.00	\$16,666.67	1 year from effective date

Program Precision Ag

Varis Mapping per Ac.	75%	\$10.00	36	\$360.00	\$120.00	1 year from effective date
*Tissue Sampling per Ac.	80%	\$21.34	325	\$6,935.50	\$2,166.68	1 year from effective date
*Grid Soil Sampling with VRNA	80%	\$7.46	325	\$2,424.50	\$758.32	1 year from effective date

* Please see statement on the following page regarding payment schedule.

ATTACHMENT A

FUNDING

Estimated PRODUCER Funds \$96,366.67

DEP Funding \$411,440.00

Contract Amount \$411,440.00

ATTACHMENT A CONT.

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

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

ATTACHMENT A

District Specifications

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

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

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

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

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

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

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

District Terms and Conditions

Agricultural BMP Irrigation Cost-Share

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

Center Pivot Retrofits

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

ATTACHMENT A

Centralized and Remote Monitoring/Controlling of Equipment:

Remote monitoring and controlling of irrigation equipment is used to assist producers with advanced monitoring and scheduling of irrigation events. This equipment provides the producer with real-time remote irrigation/weather information which alerts the producer of issues and allows for improved visibility on water usage and efficiency resulting in an overall water savings. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

Fertigation Tank System

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

GPS End-Gun Shut off

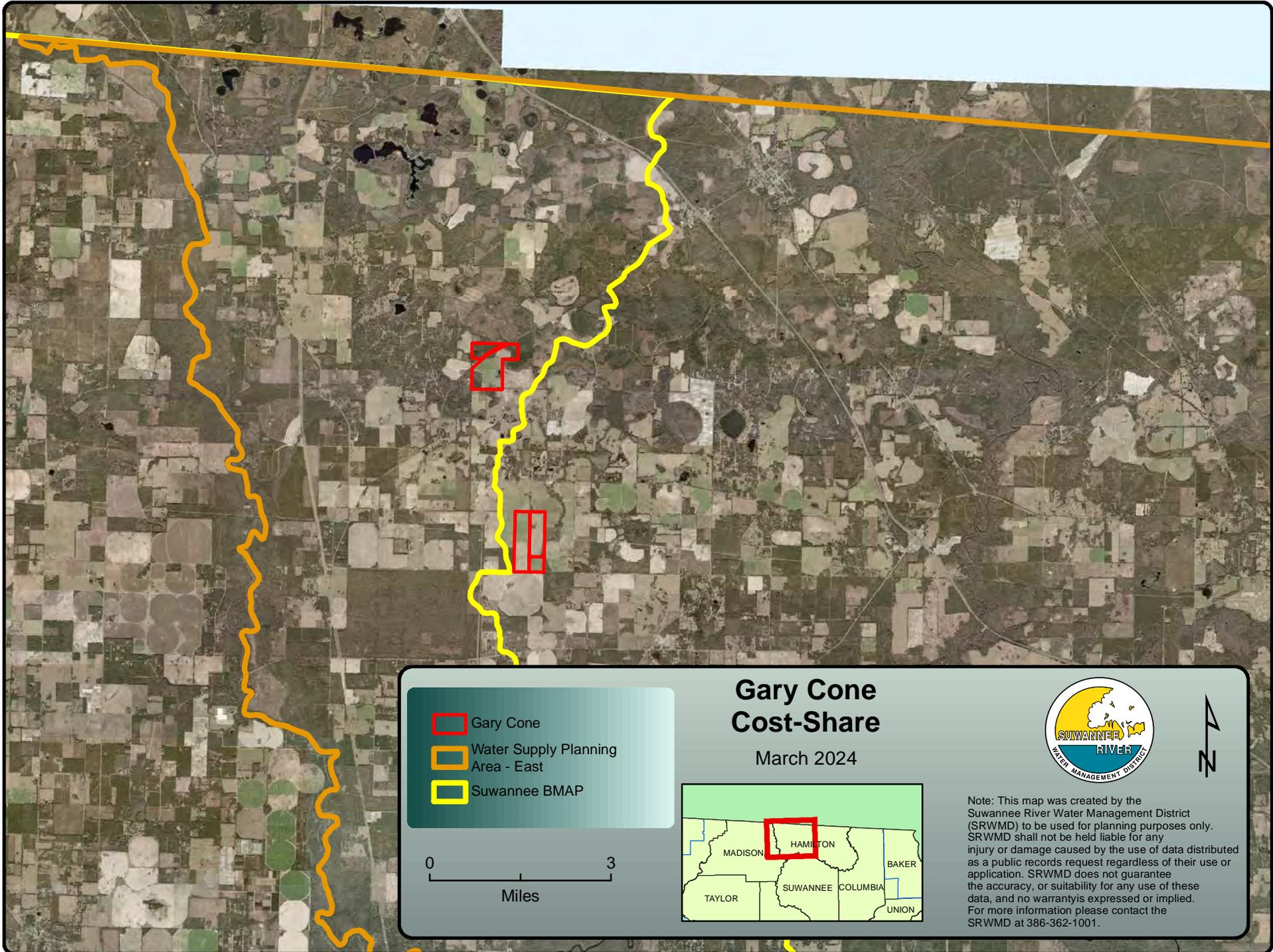
GPS End-gun shut off can reduce water loss by precisely controlling the end-gun operation. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify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

Variable Frequency Drive Pump (VFD)

Variable frequency drive pumps control flow rates based on pressure which allows the producer to conserve water by optimally managing flow to the irrigation distribution system. VFD pumps also reduce water loss due to irrigation system blowouts. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to vendor providing the equipment. District staff must also verify and photo document the equipment.

Variable Rate Irrigation

Variable rate irrigation technology involves a pivot system upgrade that allows area specific management of water, allowing growers to apply the right amount of water at the right time using varying rates of irrigation water based upon individual management zones within fields rather than at one uniform rate, resulting in more efficient use of water. This practice assists growers in placing the right source and amount at the right time and place by applying the right amount of water at the right place. Cost-share is limited to 75% up to \$50,000/system. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to the vendor providing the equipment. District staff must also verify and photo document equipment. For this item one unit is one irrigation system.



-  Gary Cone
-  Water Supply Planning Area - East
-  Suwannee BMAP

0 3
Miles

Gary Cone Cost-Share

March 2024



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

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: March 1, 2024

RE: Amendment to Contract 22/23-123 with Coastal Sands Crops, LLC, Suwannee County

RECOMMENDATION

Amend Contract 22/23-123 with Coastal Sands Crops, LLC for additional agricultural cost-share funding of \$373,520, for an amended amount not to exceed \$449,038, and allow for funding source LP6103K to exceed the \$300,000 threshold.

BACKGROUND

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

Coastal Sands Crops, LLC has applied for agricultural cost-share under the District Agricultural Cost-Share Program for a project in Suwannee County. The original contract was executed by the Executive Director on May 12, 2023, and contained grid soil sampling, plant tissue sampling, and variable rate nutrient application for an amount not to exceed \$75,518. This first amendment is to implement variable rate irrigation, pivot retrofits, stationary fertigation systems, tissue sampling, grid soil sampling, variable rate nutrient application for use across 420 acres of corn, peanuts, and carrots for an amendment cost not to exceed \$373,520 and a total contract amount not to exceed \$449,038. There are two different funding sources that will be used to execute this contract. The amount allocated by one funding source, LP6103K, will exceed the \$300,000 threshold by \$10,520.

This project is located in the Suwannee River Basin Management Action Plan Area, and Eastern Water Supply Planning Areas. The associated water savings estimate is 0.131 million gallon per day and the estimated nutrient savings is approximately 21,000 pounds of nitrogen reduction to land surface.

Attachment A lists the amended cost share item and funding breakdown. Funding for this project is included in the Fiscal Year 2024 Final Budget.

JC/tm
Attachments

ATTACHMENT A

PRODUCER Coastal Sands Crops, LLC.
 WATER USE PERMIT 220826, 221585
 BMAP SUWA
 PFA NA
 COUNTY Suwannee

Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices

Item	Percent Cost-Share	Maximum Cost-Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost-Share Total	Producer Share	Completion Due Date
LPS0087 Program Agricultural Springs Protection					\$63,000.00		
GBD23 Center Pivot Retrofit	90%	\$12,000.00		3	\$36,000.00	\$4,000.00	1 year from effective date
GBD Stationary Fertigation System	75%	\$9,000.00		3	\$27,000.00	\$9,000.00	1 year from effective date
LP6103K Program Precision Ag					\$310,520.00		
Variable Rate Nutrient Application per Ac.	75%	\$7.00		840	\$5,880.00	\$1,959.97	1 year from effective date
Variable Rate Irrigation Equip.	75%	\$50,000.00		6	\$300,000.00	\$100,000.00	1 year from effective date
Tissue Sampling per Ac.	75%	\$20.00		85	\$1,700.00	\$566.67	1 year from effective date
Grid Soil Sampling with VRNA	75%	\$7.00		420	\$2,940.00	\$979.99	1 year from effective date

FUNDING

DEP Funding \$373,520.00

Estimated PRODUCER Funds \$116,506.63

Contract Amount \$373,520.00

ATTACHMENT A

District Specifications

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

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

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

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

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

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

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

District Terms and Conditions

Center Pivot Retrofits

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

Fertigation Tank System

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

ATTACHMENT A

Grid Soil Sampling

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

Tissue Sampling

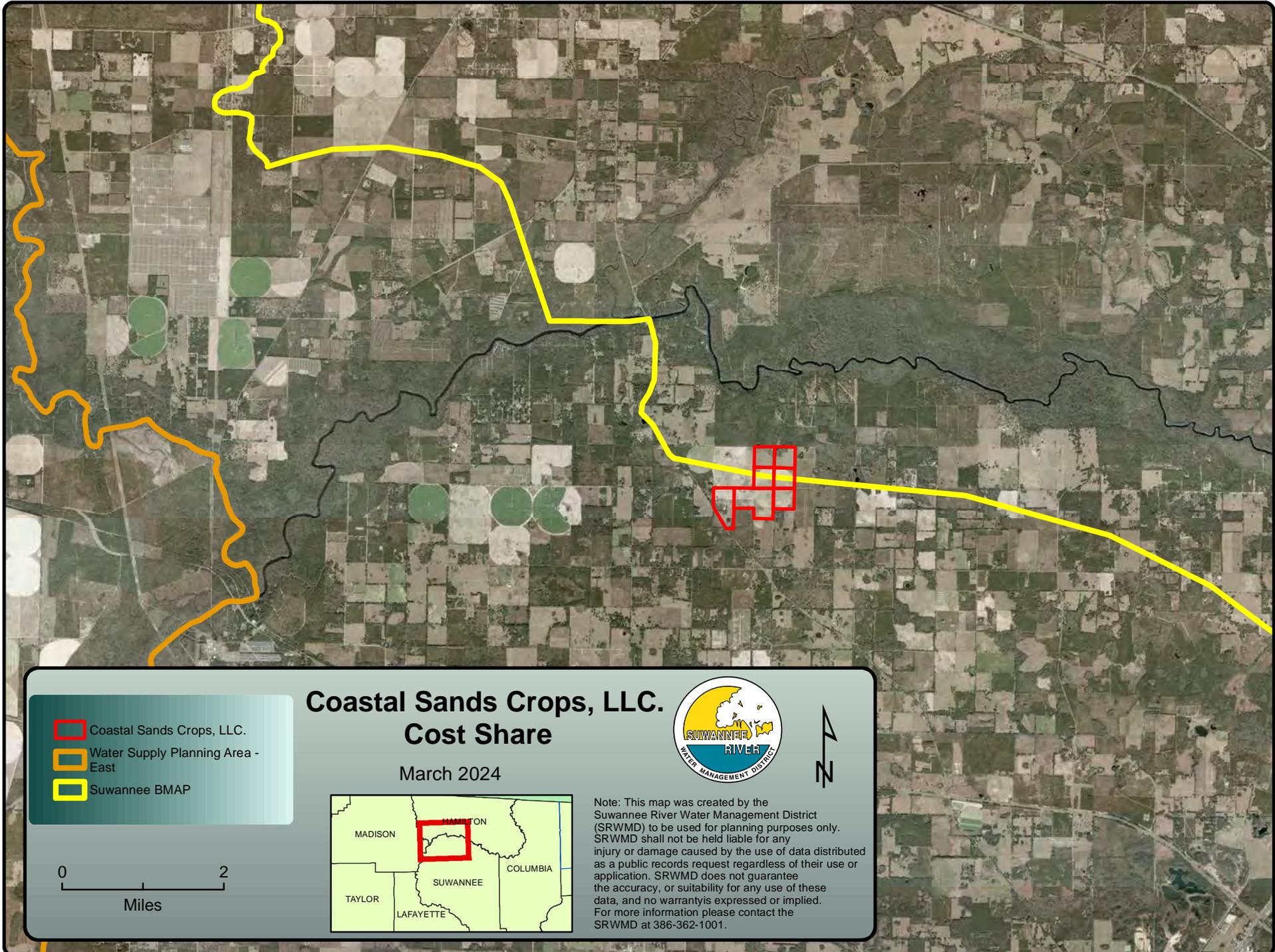
Tissue sampling is a crop management tool that allows growers to make informed decisions with regard to nutrient application by determining their crops nutrient need at various stages of development. This practice assists growers in putting the right source and amount at the right time and place reducing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

Variable Rate Irrigation

Variable rate irrigation technology involves a pivot system upgrade that allows area specific management of water, allowing growers to apply the right amount of water at the right time using varying rates of irrigation water based upon individual management zones within fields rather than at one uniform rate, resulting in more efficient use of water. This practice assists growers in placing the right source and amount at the right time and place by applying the right amount of water at the right place. Cost-share is limited to 75% up to \$50,000/system. For reimbursement, the producer must provide a copy of the paid invoice and cancelled check (front and back) or some verifiable form of payment to the vendor providing the equipment. District staff must also verify and photo document equipment. For this item one unit is one irrigation system.

Variable Rate Nutrient Application

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



-  Coastal Sands Crops, LLC.
-  Water Supply Planning Area - East
-  Suwannee BMAP

0 2
Miles

Coastal Sands Crops, LLC. Cost Share

March 2024



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

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

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

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

DATE: March 1, 2024

RE: Amendment to Contract 22/23-118 with Beaver Lake LLC, Suwannee and Madison Counties

RECOMMENDATION

Amend Contract 22/23-118 with Beaver Lake, LLC for additional agricultural cost-share funding of \$162,600, for an amended amount not to exceed \$244,056.

BACKGROUND

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

Beaver Lake, LLC has applied for agricultural cost-share under the District Agricultural Cost-Share Program for a project in Suwannee and Madison County. The original contract was approved by the Executive Director on May 10, 2023, and contained soil moisture probes, grid soil sampling, and variable rate nutrient application for an amount not to exceed \$71,456. The first amendment of \$9,900 was approved July 19, 2023, and contained a pivot retrofit for an amount not to exceed \$81,456. This second amendment is to implement variable rate irrigation, pivot retrofits, stationary fertigation systems, tissue sampling, grid soil sampling, variable rate nutrient application for use across 3,024 acres of corn, peanuts, and carrots for an amendment cost not to exceed \$162,600 and a total contract amount not to exceed \$244,056. There are two different funding sources that will be used to execute this contract. The amount allocated by each funding source will not exceed \$300,000.

This project is located in the Suwannee River Basin Management Action Plan, and Eastern and Western Water Supply Planning Areas, and the Troy Peacock Lafayette Blue Falmouth Priority Focus Area. The associated water savings estimate is 0.076 mgd and approximately 151,200 pounds of nitrogen reduction to land surface.

Attachment A lists the amended cost share item and funding breakdown. Funding for this project is included in the Fiscal Year 2024 Final Budget.

SA/tm
Attachments

ATTACHMENT A

PRODUCER Beaver Lake, LLC.
 WATER USE PERMIT 216959, 215995, 221357, 216067, 221702,
 215766, 218777, 220202, 217768
 BMAP SUWA
 PFA Troy Peackck Lafayette Blue Falmouth
 COUNTY Suwannee
 COUNTY Madison

Reimbursable Rates for Cost-Share Equipment and Precision Agriculture Practices

Item	Percent Cost-Share	Maximum Cost-Share per Unit	Producer quote per Unit if provided	No. of Units	Estimated Cost-Share Total	Producer Share	Completion Due Date
LPS0087 Program Agricultural Springs Protection					\$75,000.00		
GBD23 Center Pivot Retrofit	90%	\$12,000.00		4	\$48,000.00	\$5,333.33	1 year from effective date
GBD Stationary Fertigation System	75%	\$9,000.00		3	\$27,000.00	\$9,000.00	1 year from effective date
LP6103K Program Precision Ag					\$87,600.00		
Tissue Sampling per Ac.	75%	\$20.00		600	\$12,000.00	\$4,000.02	1 year from effective date
Grid Soil Sampling with VRNA	75%	\$7.00		3024	\$21,168.00	\$7,055.90	1 year from effective date
GBD Variable Rate Nutrient Application	75%	\$9.00		6048	\$54,432.00	\$18,144.00	1 year from effective date

FUNDING

Estimated PRODUCER Funds \$43,533.25

DEP Funding \$162,600.00

Contract Amount \$162,600.00

ATTACHMENT A

District Specifications

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

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

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

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

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

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

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

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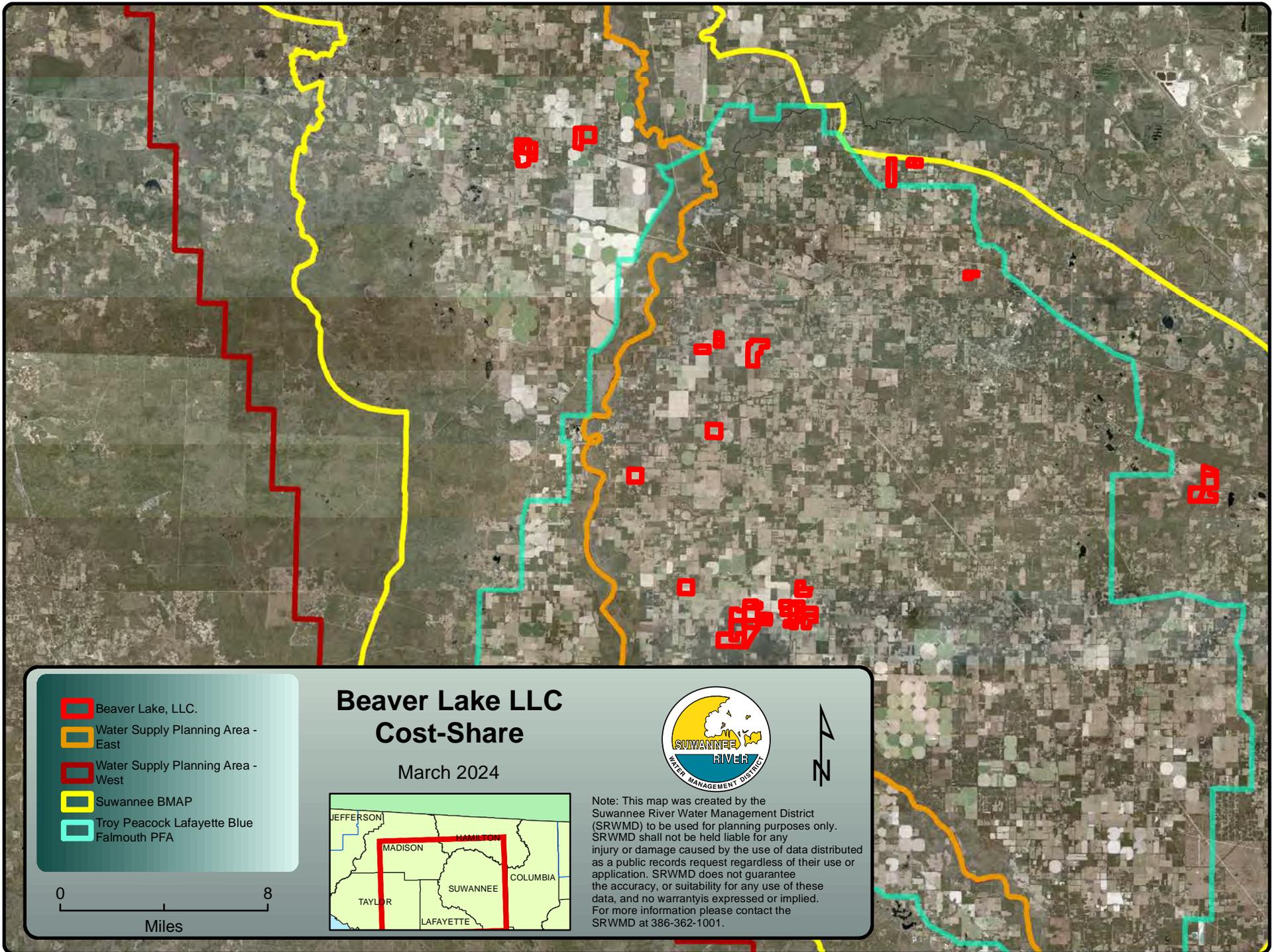
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Variable Rate Nutrient Application

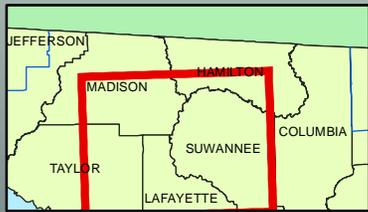
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- Beaver Lake, LLC.
- Water Supply Planning Area - East
- Water Supply Planning Area - West
- Suwannee BMAP
- Troy Peacock Lafayette Blue Falmouth PFA

Beaver Lake LLC Cost-Share

March 2024



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SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Troy Roberts, Communications and Outreach Manager
THRU: Katelyn Potter, Director, Outreach and Operations
DATE: February 7, 2024
RE: Outreach and Communications Activity Summary

The following information summarizes Outreach and Communications activities for the month of January 2024:

Facebook	Twitter	Instagram
Total Posts: 15 Total Reach: 55,832 Content Interactions: 1,600 Link Clicks: 36	Total Posts: 15 Total Impressions: 819 Total Engagement: 23 Engagement Rate: 2.0 percent	Total Posts: 9 Total Reach: 489 Total Engagement: 117

Press Releases
<ul style="list-style-type: none">January 2 – Governing Board MeetingJanuary 10 – Hydrological Conditions ReportJanuary 18 – Well WellnessJanuary 29 – Prescribed Fire Awareness Week

Media Inquiries / Responses
<ul style="list-style-type: none">January 5 – Provided input/editorial work for an advertorial to run in the January/February issue of Family Magazine.January 29 – Conducted an interview with WCJB TV 20 regarding Prescribed Fire Awareness Week.January 31 – Conducted an interview with WUFT Radio regarding Prescribed Fire Awareness Week.

Meetings with Vendors / Consultants / Public
<ul style="list-style-type: none">January 3 – Troy Roberts met with Strategic Digital Services to kick off a TWA for feature story work.January 3 – Touchbase with TREW Media regarding upcoming commercial video shoot.January 12 – Troy Roberts met with SKYE to kick off a new design TWA for project teamwork.January 12 – Met with North Florida Printing regarding active print projects.

- January 17 – Troy Roberts met with TREW Media to complete a video shoot project for a permitting commercial.
- January 25 – Troy Roberts attended the District’s High-Stakes Communication Training.
- January 31 – Troy Roberts attended DEP’s quarterly Springs Education meeting.

January Photo Highlight:

District staff met with land managers from the other water management districts in January for a collaborative session to discuss ongoing efforts. Bill Mckinstry and Edwin McCook attended for the Suwannee River Water Management District.



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Troy Roberts, Communications and Outreach Manager
THRU: Katelyn Potter, Director, Outreach and Operations
DATE: February 14, 2024
RE: Water Conservation Month Proclamation

RECOMMENDATION

Proclaim April 2024 as Water Conservation Month.

BACKGROUND

Declaring April as Water Conservation Month will mark the 26th year of this important recognition. Many local governments, water management districts, and other entities have demonstrated their support by adopting resolutions or proclamations designating Water Conservation Month in their communities.

The District's strategic focus on community partnerships and water resource project implementation, dedication to improved efficiencies and conservation, and sustainable management of District water resources illustrates its commitment to water conservation and its vitality to the Suwannee River Valley.

As part of the effort, the District encourages local communities to issue a commitment to water conservation and offers outreach tools for communities to share with their constituents.

This designation provides an opportunity to increase public awareness about the importance of water conservation and of following the District's year-round water conservation measures. It also encourages citizens to develop life-long conservation habits that will help preserve and protect our state and local water resources now and in the future.

Therefore, staff recommends the Governing Board proclaim April 2024 as Water Conservation Month.

TER/ao
Attachment

Proclamation

Suwannee River Water Management District
Live Oak, Florida

WHEREAS, clean, safe and sustainable water resources are vital to Suwannee River Water Management District's (District) residents, visitors, economy and environment; and

WHEREAS, droughts, development and population growth serve as reminders that Florida's ground and surface water resources such as rivers, lakes and springs are finite and fragile; and

WHEREAS, permanent, year-round water conservation measures are in effect throughout the District; and

WHEREAS, water conservation is a District strategic priority; and

WHEREAS, the District encourages and supports water conservation through public awareness efforts; and

WHEREAS, water conservation will continue to play an important role in the future protection and preservation of ground and surface water resources; and

WHEREAS, every business, industry, school, resident and visitor can help by conserving water and thus promote a healthy economy and community; and

WHEREAS, local governments are essential in assisting in promoting water conservation awareness and implementing water conservation measures; and

WHEREAS, the State of Florida traditionally designates April as Water Conservation Month,

NOW THEREFORE, the Governing Board of the Suwannee River Water Management District hereby proclaims April 2024 as Water Conservation Month. Additionally, the District respectfully calls upon each local government, resident, visitor, and business to help protect our precious resource by practicing water conservation measures and becoming more aware of the need to conserve water.

PASSED AND ADOPTED THIS 12th DAY OF MARCH 2024, A.D.

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
BY ITS GOVERNING BOARD**

**MEMBERS OF THE BOARD:
VIRGINIA JOHNS, CHAIR
RICHARD SCHWAB, VICE-CHAIR
CHARLES KEITH, SECRETARY/TREASURER
WILLIAM LLOYD
LARRY SESSIONS
HARRY SMITH
LARRY THOMPSON**

ATTEST:

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Troy Roberts, Communications and Outreach Manager
THRU: Katelyn Potter, Director, Outreach and Operations
DATE: February 14, 2024
RE: Springs Protection Awareness Month Proclamation

RECOMMENDATION

Proclaim April 2024 as Springs Protection Awareness Month.

BACKGROUND

In recent years, the Florida Legislature has adopted resolutions recognizing the importance of Florida's springs and natural resources by declaring the month of April as Springs Protection Awareness Month.

The District contains more than 450 documented springs, including the highest concentration of freshwater springs in Florida, and the highest concentration of first-magnitude springs in the United States. The District is defined by world-renowned springs, including 14 of the 30 Outstanding Florida Springs as identified by the Legislature.

Springs provide habitat for wildlife and plant species, as well as natural, recreational, and economic value. Recreational use of springs supports ecotourism in the region providing opportunities for swimming, fishing, diving, kayaking, canoeing, and wildlife viewing. The estimated total economic benefits associated with recreational use (due to direct spending, supply chain activity and income re-spending) supports over 1,000 full and part-time jobs and generates \$9.4 million annually in economic output¹. These international resources are a major priority for the District.

Increasing public awareness of the District's ongoing work to protect springs is a key part of accomplishing the District's mission.

TER/ao
Attachment

¹Borisova, Tatiana; Hodges, Alan W.; Stevens, Thomas J. "Economic Contributions and Ecosystem Services of Springs in the Lower Suwannee and Santa Fe River Basins of North-Central Florida." University of Florida, Food and Resource Economics Department. May 29, 2014. pp 3.

Proclamation

Suwannee River Water Management District
Live Oak, Florida

WHEREAS, Florida's springs are essential to the environment, economy, and citizens of, and visitors to, this state, and

WHEREAS, Florida has one of the most productive aquifers in the world, which supports more than 1,000 natural springs, giving this state the world's highest concentration of springs, and

WHEREAS, the Suwannee River Water Management District has the highest concentration of springs in the United States, and

WHEREAS, Florida's springs discharge more than eight billion gallons of water each day, which is essential for sustaining spring runs and associated receiving water bodies, and

WHEREAS, the Suwannee River Water Management District has the highest concentration of first magnitude springs in Florida, and

WHEREAS, Suwannee River Water Management District has 14 Outstanding Florida Springs, and

WHEREAS, groundwater in the Suwannee River Water Management District is the primary source for public, agricultural, business and industrial use and vital to Florida's economy, and

WHEREAS, springs are a natural resource that must be protected, as they reflect groundwater conditions and provide an important habitat for wildlife and listed species, and

WHEREAS, springs provide important recreation resources and opportunities that are enjoyed by citizens and visitors alike.

NOW THEREFORE, the Governing Board of the Suwannee River Water Management District hereby proclaims April 2024 as Springs Protection Awareness Month, and all levels of government are encouraged to support springs protection, restoration, and preservation awareness.

PASSED AND ADOPTED THIS 12th DAY OF MARCH 2024, A.D.

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT
BY ITS GOVERNING BOARD**

MEMBERS OF THE BOARD:

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LARRY THOMPSON**

ATTEST:

16.SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
 FROM: Lorna Radcliff, Chief, Office of Land Management
 THRU: Katelyn Potter, Director, Outreach and Operations
 DATE: February 10, 2024
 RE: Land Management Update

BACKGROUND

The following information summarizes land management activities cumulative as of January 2024.

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

Vegetative Management (acres)	FY 2024 Planned	Reporting Period Completed	Percent Complete
Herbicide	250	Start July	0
Roller Chop Uplands	200	Start May	0
Mallory Swamp Mow/Chop	1,300	403	31.0%
Woods Mowing	1,500	154	10.2%

Prescribed Fire (acres)	FY 2024 Planned	Reporting Period Completed	Percent Complete
SRWMD	12,300	6,034	49.0%
FFS - Twin Rivers State Forest	2,000	158	7.9%

Invasive Plant Treatment	FY 2024 Planned	Reporting Period Completed	Percent Complete
Edwards Bottomland (acres)	10	Start May	0
Contractors (acres)	134	Start May	0
Starke Bypass (acres)	100	Start August	0

Ecological Services Monitoring (locations)	FY 2024 Planned	Reporting Period Completed	Percent Complete
Rare Plants Monitoring	2,957	Start April	0
Gopher Tortoise Surveys (transects)	557	226	40.6%
Wading Bird Rookeries	13	Start June	0
Natural Community Mapping (acres)	1,200	Start February	0

Timber Harvests	FY 2024 Planned	Reporting Period Completed	Percent Complete
Acreage	1,764	596	33.8%
Revenue (estimated)	\$1,064,000	\$167,194.60	15.7%

Current Timber Sales	County	Acreage	Type	Status or Revenue
Gilchrist Wellfield #1	Gilchrist	100	Thinning and Chipping	Complete
Sandlin Bay #9	Columbia	374	Thinning	Inactive
Shelly #1	Jefferson	121	Thinning	Inactive
Woods Ferry #7	Suwannee	155	Thinning	Inactive
Jerry Branch #2	Hamilton	191	Clearcut, Thinning, & Chipping	Inactive
Steinhatchee Springs #25	Lafayette	250	Thinning	Inactive

Restoration	FY 2024 Planned	Reporting Period Completed	Percent Complete
Reforestation (acres)	312	198	63.5%

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

Conservation Easements	FY 2024 Planned	Reporting Period Completed	Percent Complete
Monitor Current Easements	5	Start February	0

Hydrologic & Road Maintenance	FY 2024 Planned	Reporting Period Completed	Percent Complete
Culvert Replacements	5	Start April	0
Road maintenance (miles)	290	15.2	5.2

Tract Maintenance	FY 2024 Planned	Reporting Period Completed	Percent Complete
Mowing (total miles)	1,748	254	15
Site Maintenance (total visits)	2,736	952	35
Enhanced Patrols (hours)	1,172	336.5	29
Sign Replacements	49	Ordered	0
Boundary Line Painting (miles)	115.4	66.8	58

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

Pinehatchee Tract (Steinhatchee Springs Tract addition): Survey work with WSP Environmental & Infrastructure, Inc continues. Survey work is scheduled for completion by March, but more time is expected due to setbacks from wet weather. Road repairs on the Pinehatchee Pond Road continue. Currently the repairs are 75% complete, however, wet conditions due to rainfall have currently stopped operations.

Rock Bluff: District staff plans to meet with contractors by March 1, to solicit bids for the construction of the sanitation system, well and electrical upgrades. Construction is projected to be completed by September 30, 2024.

Telford Springs: District staff met with Suwannee County Representatives, Greg Scott, County Coordinator and Jason Furry, Recreation Director for Suwannee Parks and Recreation to discuss management of Telford Springs on February 12. A site visit with District staff and county representatives is scheduled for Tuesday, February 27.

Pot Springs Road Improvements: Road work is on-going. Additional work assignments were created to apply additional lime rock road base needed to complete the capping process. Work is expected to be completed by mid-April.

Hurricane Recovery: Holton Creek and Tyree Tract opened on Wednesday, February 21. The Christian Tract remains closed to the public. However, repairs to the road network are currently taking place. The repairs are expected to be completed by mid-March.

Steinhatchee Falls: Topographic surveys and geotechnical investigations are complete. Preliminary site plans have been developed. Site design and engineering is underway for the boat ramp and bank stabilization improvement plans.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Alejandro Garcia, Senior Data Analyst, Water Resources Office

THRU: Katelyn Potter, Division Director, Outreach and Operations

DATE: February 23, 2024

RE: Agricultural Water Use Monitoring Report

BACKGROUND

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

As of February 5, 2024, the District is monitoring 1639 (242.73 MGD) of a total of 1725 active permitted wells (250.44 MGD). The remaining 86 active wells not yet monitored are scheduled for site visits to determine the type of monitoring that will be implemented. An additional 253 proposed wells have yet to be drilled.

The District offers three options for monitoring: electric provided by the power company, telemetry on diesel systems, and self-reporting. To date, farmer electric agreements from cooperatives are in effect on 865 (154.78 MGD) monitoring points. The District currently employs telemetry on 322 (52.47 MGD) diesel-powered systems. There are currently 20 (1.41 MGD) self-monitored points.

Additionally, there are currently 432 (34.07 MGD) sites for which monitoring is currently not feasible. Staff visit these sites each year to reevaluate the feasibility of monitoring.

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

Agricultural Water Use Stations with Monitoring Conditions

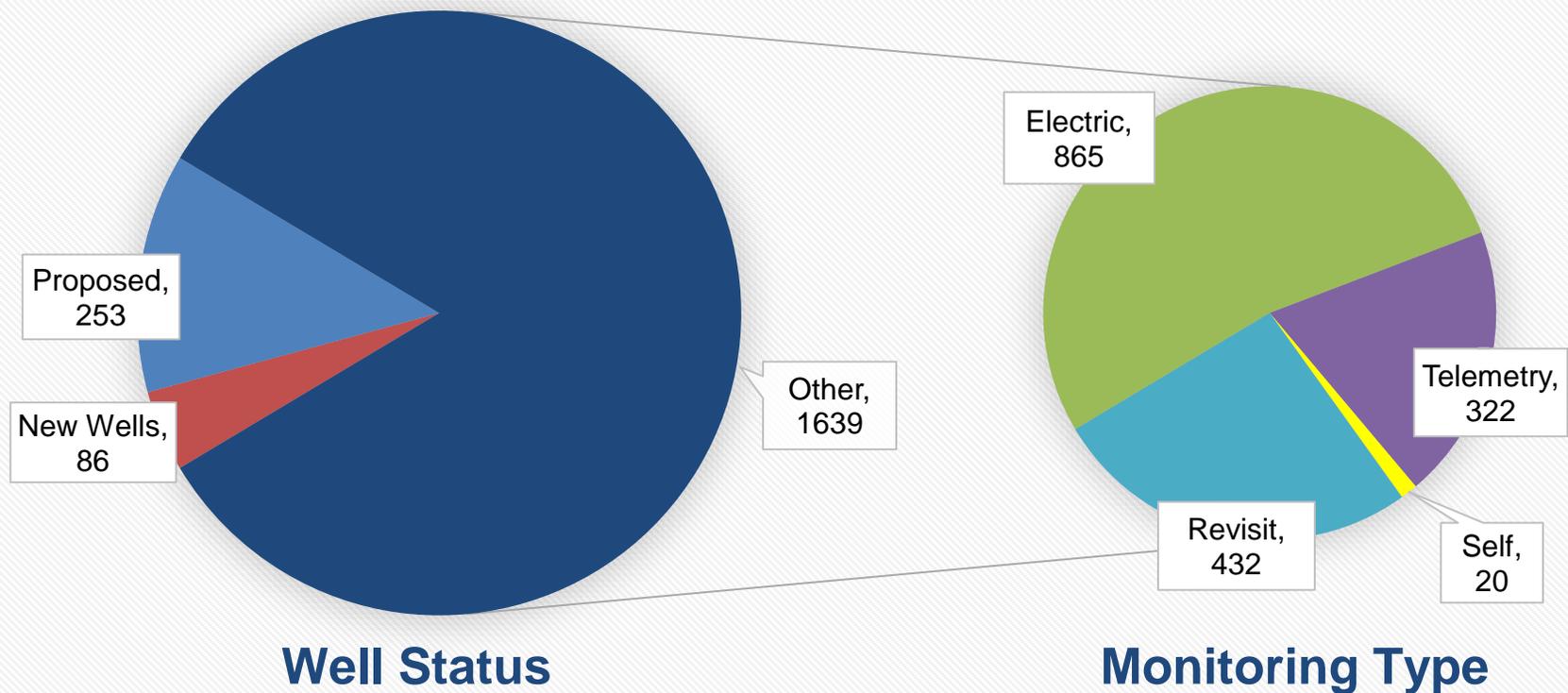
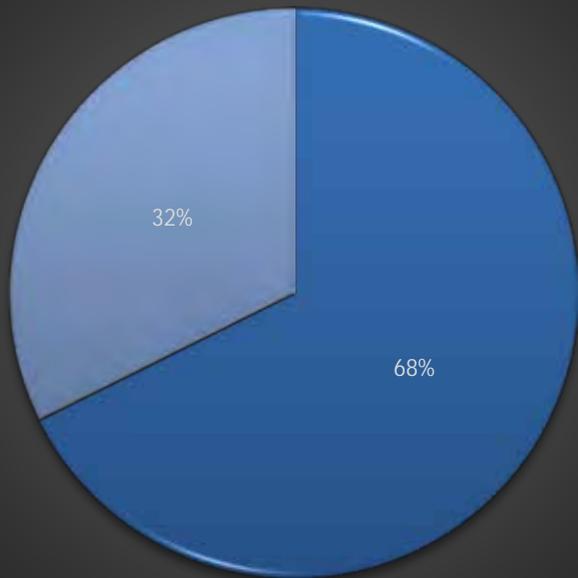


Figure 1. Well status and monitoring type for all wells with water use monitoring conditions as of February 5, 2024.

Flow Data Collection Status



- Sites with Unique Flow Recorded, 1046
- Sites Needing Flow Information, 500

Flows Recorded by Source

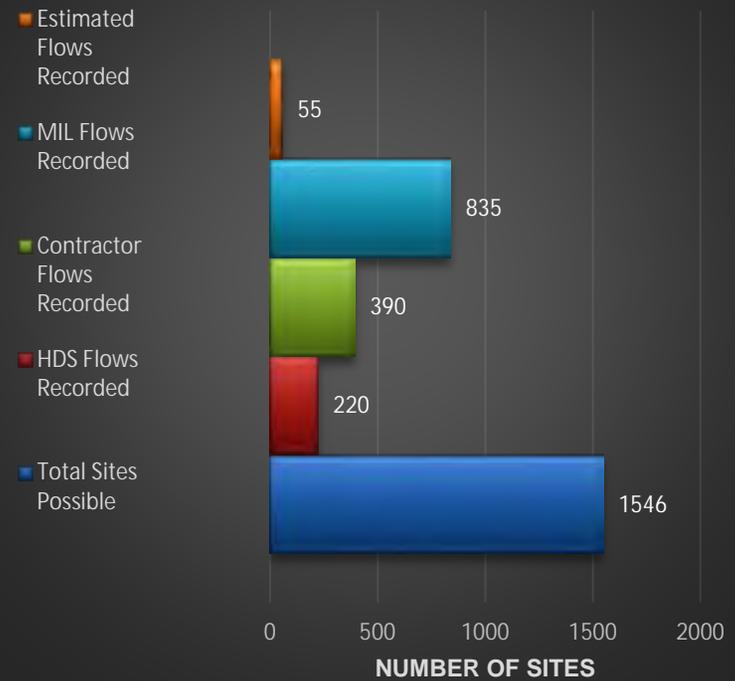


Figure 2. Status of flow data collection by source within the District's agricultural monitoring network as of February 5, 2024.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board
FROM: Katelyn Potter, Director, Division of Outreach and Operations
DATE: February 15, 2024
RE: Governing Board Directive 24-0001, Agriculture Water Use Monitoring Directive

RECOMMENDATION

Approve Governing Board Directive 24-0001, Agriculture Water Use Monitoring.

BACKGROUND

Water use monitoring is a program to account for large water withdrawals to support water supply planning, the development of minimum flows and minimum water levels, and compliance with permitting requirements. Monitoring is required on groundwater wells 8" in diameter and greater and surface water pumps 6" in diameter and greater for all consumptive use permits per Section 373.223, Florida Statutes and Chapter 40B.2, Florida Administrative Code.

Water users self-report data on a semi-annual basis. However, in 2012, the District implemented a program to assist agricultural water users with monitoring requirements by offering installation of telemetry stations or direct receipt of electric cooperative data – both of which report on behalf of the producer.

The District's current agricultural monitoring network includes 322 telemetry stations, 865 electric stations, and 20 self-reported stations. This does not include wells that are pending construction, have not yet been visited, or are on a rotational visit.

The proposed Directive addresses the following use-cases that have been regularly observed in the program over the last 12 years:

- Creates a five-year revisit cycle for rotational crops such as watermelons.
- Clarifies monitoring expectations for permits with ownership transfers, land use changes, non-responsiveness, and permittees who refuse monitoring.
- Allows for estimated water use (instead of monitored data) on wells modified to a reduced diameter and wells with rotational crops and/or infrequent use.

The changes formalize District practices and establish a standard to address monitoring on minor water uses. Field implementation of these practices has been well received and appreciated by producers. There are no costs associated with the programmatic updates.

This directive supersedes all previous versions of the agricultural water use directive. A redline and clean copy are attached.

KCP/ao
Attachments

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

GOVERNING BOARD DIRECTIVE

Directive Number: ~~GBD21-0007X-000X~~ 4-0001

Date Approved: ~~January XX, 2024~~ March 12,
2024

Subject: ~~Extension of Provision of Assistance for Automated~~
Monitoring of Agriculture Water Use



Approval:

Governing Board Chair

Secretary/Treasurer

1.0 Reference to Prior Directive

Supersedes Directives GBD12-0003, GBD17-0001, GBD18-0005, GBD19-0007, ~~21-0007X~~ and 14-0002.

2.0 Purpose and Intent

The purpose of this Directive is to outline the procedures for addressing agricultural water use monitoring and the District's automated monitoring program, extend the process and criteria for providing District assistance for estimating and reporting agricultural water use in an automated manner. The intent of this Directive is to offer District assistance to agricultural water users on a voluntary basis as a convenient and unobtrusive alternative to recording, compiling, and transmitting data to the District. It is further the intent of this Directive that water use data collected and reported to the District be used only for the purposes of estimating water use for planning.

It is necessary to maintain a consistent and defensible method of scientifically valid and verifiable data reporting and quality control/quality assurance because water use data are intended for planning for future water availability. Areas with an approved recovery or prevention strategy, or for other regulatory purposes, may have monitoring or estimation requirements in addition to those outlined in this directive. The intent of the Directive is to maximize the verifiability and continuity of water use data while minimizing the labor and cost of all parties to record, report, and enter the data.

3.0 Definitions

- a) Agricultural Water Use: the use of water for crop production or the growing of farm products including vegetables, pasture, livestock, sod, or other cash crops, waste management, or water for washing livestock. It includes soil flooding for pest control or soil preservation, freeze protection, and product washing.
- b) Calibration: The verification of estimated flow rate using a flowmeter of known accuracy.
- c) Chemigation: The application of pesticides through an irrigation system.
- d) Datalogger: An electronic device that receives input from an external sensor and records the data as a time series.
- e) Fertigation: The application of fertilizer through an irrigation system.
- f) Flowmeter: An instrument used to measure, directly or indirectly, the volume of flow per unit time through a pipe.
- g) Flow Sensor: An instrument used to detect the presence or absence of flow/velocity through a pipe.
- h) Pressure Sensor: A device used to detect the presence or absence of water pressure in a pipe or the presence of water pressure above or below an adjustable threshold.
- h)i) Stations: Active or proposed wells and surface water with withdrawals/pumps.
- i)j) Telemetry: The transmittal of data over distance via radio, wireless modem, telephone, internet network transmission, or satellite radio.
- j)k) Wireless modem: an electronic device that transmits data via a wireless network service provider to the internet.
- k)l) Withdrawal: removal or diversion of water from an aquifer or surface water body.

4.0 **Elements of Directive**

A. System Ownership and Applicability

1. For each agricultural water user electing to implement this Directive, the District shall select the most effective method of estimating and reporting water use. The District will estimate water use with electrical consumption as a first choice when it is appropriate and applicable.
2. For systems where water use estimation by electrical consumption is neither appropriate nor applicable, the District will install instrumentation to estimate daily water withdrawal for agricultural use in accordance with paragraphs B, C, and D below. ~~District provision of instrumentation and data acquisition shall terminate on September 30, 2026, unless otherwise extended by the Governing Board.~~ District provision of instrumentation and data acquisition shall be subject to final adoption of each year's budget by the Governing Board.
3. This Directive will apply to wells or surface water withdrawals in accordance with Subsection 40B-2.041(8)(d), ~~F.A.C~~ Florida Administrative Code (F.A.C), when such withdrawals are part of an existing use, permittees receiving cost share assistance, a new permit, new withdrawals submitted as a permit modification, or renewal of a water-use permit.
4. For stations where the permitted and constructed diameter has been decreased permanently modified by a licensed water well contractor to less than the monitoring requirement, for which electric monitoring is not feasible, water use will be estimated, monitoring will no longer be required, and stations may be evaluated every five years.

- ~~3.5.~~ Stations where the permitted and constructed diameter has been reduced to less than the monitoring requirement, will be referred to the Division of Resource Management and evaluated for proper well modification pursuant to Rule 40B-3, F.A.C. Water use monitoring will be re-evaluated once the well is brought into compliance will be estimated, and stations may be revisited every five years.
- ~~6.~~ Stations with no irrigation equipment or infrastructure will be revisited five years after the initial site visit to establish monitoring. If there is no irrigation equipment or infrastructure five years after the initial site visit for monitoring or where the equipment has remained idle, stations will be referred to the Division of Resource Management and evaluated for non-use pursuant to Rule 40B-2.331 F.A.C.
- ~~7.~~ For Stations which are used infrequently or on a rotational basis, such as those used for growing watermelons, pasture/ hay, freeze protection, watering livestock, for which electric monitoring is not feasible, water use will be estimated and may be evaluated every five years reported to the District by the permittee, pursuant to Section 4.0 of the Water Use Permit Applicant's Handbook.
- ~~8.~~ For Stations and adjoining associated permits where the land use no longer justifies an agricultural water use- irrigation demand, such as solar fields or silviculture, or where there has been no observed water use for more than five years after the initial visit to establish monitoring, will be referred to the Division of Resource Management and evaluated pursuant to Rule 40B-2.331, F.A.C.F.A.C.
- ~~9.~~ Where properties with stations subject to monitoring have changed ownership with stations subject to monitoring, the associated permits will be referred to the Division of Resource Management and transferred subject to Rule 40B-2.3351 F.A.C. District rules. Stations will be evaluated annually until monitoring is established.
- ~~10.~~ If after multiple documented attempts, permittees are unreachable to establish monitoring, permittees will be referred to the Division of Resource Management.
- ~~4.11.~~ Permittees who refuse monitoring, either provided by the District or self-monitoring, are in violation of their permit conditions and will be referred to the Division of Resource Management, subject to enforcement action.

B. Instrumentation

1. For systems where one withdrawal point supplies a delivery system in which flow rate varies less than 10% during operation, the instrumentation shall consist of a pressure sensor capable of being set to a minimum threshold operating pressure. When the operating pressure is reached, the pressure sensor status will be read by a datalogger which will record the duration of pressure sensor activation. The datalogger will report a time series of event-based operation status once per day.
 - a. For systems meeting the above criteria, a ¼-inch Iron Pipe Size threaded port between the pump outlet and the backflow preventer or check valve should be provided by the user. The access port must provide a clean water pressure source and be upstream of any chemigation or fertigation injection port or any valve that prevents the flow of effluent back into the well in systems where reclaimed effluent is applied through the irrigation system.
2. For systems in which flow rate can vary by more than 10% for a single pump, or in which multiple pumps are installed in a network, a flowmeter may be necessary and will be provided by the District if the permittee has not chosen to self-monitor.
- ~~3.~~ The District may, at its discretion, remove and redeploy monitoring equipment if the usage is less than 0.25 million gallons per day averaged over 365 days for two consecutive years.

4.3. For continuously pressurized systems where the flow rate over multiple delivery systems varies less than 10%, a flow sensor may be required. Typical installations will require a clean-water port upstream of any chemigation or effluent delivery and sufficient straight runs of pipe upstream and downstream of the port according to the manufacturer's recommendations.

5.4. For systems requiring the installation of a flowmeter, the appropriate type of meter shall be determined by District staff in conjunction with the user prior to system installation. Inline meters may be necessary in the event less-invasive meters are not feasible. Typical installations will require a clean-water port upstream of any chemigation or effluent delivery and sufficient straight runs of pipe upstream and downstream of the port according to the manufacturer's recommendations.

C. Data Acquisition

1. The number of units and configuration will determine the type of telemetry. It is the District's intent to reduce telemetry costs as much as possible through the aggregation of reporting units and the minimization of data file size. In many cases, telemetry for one or more dataloggers will be provided by a single cellular modem. Daily data file size will be typically less than 10 kilobytes.

D. Data Management

- ~~1. Withdrawal points shall be identified by an individual site identifier and not by permit number.~~
1. Flow measurements are required upon permit issuance and everyno less than five years thereafter pursuant to the Section 4.04.1.4 of the Water Use Permit Applicant's Handbook. Flow measuring equipment shall be calibrated to maintain an accuracy of $\pm 10\%$. Self-verified flow measurements may be provided to the District in a written or photographic format using the District's online portal.
- ~~2. A flow calibration check will be performed by the District within one year of system installation using a non-invasive flowmeter, and at least once every five years during operation. An estimate of system yield will be used until calibration data is acquired.~~
3. Withdrawals will be computed using District software by multiplying either the daily run-time derived from the status report or the monthly reported electrical run-time by the estimated or measured flow rate.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

GOVERNING BOARD DIRECTIVE

Directive Number: GBD24-0001
Date Approved: March 12, 2024
Subject: Monitoring of Agriculture Water Use
Approval:



Governing Board Chair

Secretary/Treasurer

1.0 Reference to Prior Directive

Supersedes Directives GBD12-0003, GBD17-0001, GBD18-0005, GBD19-0007, 21-0007 and 14-0002.

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It is necessary to maintain a consistent and defensible method of scientifically valid and verifiable data reporting and quality control/quality assurance because water use data are intended for planning for future water availability. Areas with an approved recovery or prevention strategy, or for other regulatory purposes, may have monitoring or estimation requirements in addition to those outlined in this directive. The intent of the Directive is to maximize the verifiability and continuity of water use data while minimizing the labor and cost of all parties to record, report, and enter the data.

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- e) Fertigation: The application of fertilizer through an irrigation system.

- f) Flowmeter: An instrument used to measure, directly or indirectly, the volume of flow per unit time through a pipe.
- g) Flow Sensor: An instrument used to detect the presence or absence of flow/velocity through a pipe.
- h) Pressure Sensor: A device used to detect the presence or absence of water pressure in a pipe or the presence of water pressure above or below an adjustable threshold.
- i) Stations: Active or proposed wells and surface water pumps.
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- k) Wireless modem: an electronic device that transmits data via a wireless network service provider to the internet.
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2. For systems where water use estimation by electrical consumption is neither appropriate nor applicable, the District will install instrumentation to estimate daily water withdrawal for agricultural use in accordance with paragraphs B, C, and D below. District provision of instrumentation and data acquisition shall be subject to final adoption of each year's budget by the Governing Board.
3. This Directive will apply to wells or surface water withdrawals in accordance with Subsection 40B-2.041(8)(d), Florida Administrative Code (F.A.C) when such withdrawals are part of an existing use, permittees receiving cost share assistance, a new permit, new withdrawals submitted as a permit modification, or renewal of a water-use permit.
4. For stations where the permitted and constructed diameter has been permanently modified by a licensed water well contractor to less than the monitoring requirement, monitoring will no longer be required.
5. Stations where the permitted and constructed diameter has been reduced to less than the monitoring requirement, will be referred to the Division of Resource Management and evaluated for proper well modification pursuant to 40B-3, F.A.C. Water use monitoring will be re-evaluated once the well is brought into compliance.
6. Stations with no irrigation equipment or infrastructure will be revisited five years after the initial site visit to establish monitoring. If there is no irrigation equipment or infrastructure five years after the initial site visit for monitoring or where the equipment has remained idle, stations will be referred to the Division of Resource Management and evaluated for non-use pursuant to Rule 40B-2.331 F.A.C.
7. For stations which are used infrequently or on a rotational basis, such as those used for growing watermelons, pasture/ hay, freeze protection, watering livestock, for which electric monitoring is not feasible, water use will be estimated and reported to the District by the permittee, pursuant to Section 4.0 of the Water Use Permit Applicant's Handbook.

8. Stations and associated permits where the land use no longer justifies an irrigation demand, such as solar fields or silviculture, or where there has been no observed water use for more than five years after the initial visit to establish monitoring, will be referred to the Division of Resource Management and evaluated pursuant to Rule 40B-2.331, F.A.C.
9. Where properties with stations subject to monitoring have changed ownership, the associated permit will be referred to the Division of Resource Management and transferred subject to Rule 40B-2.351 F.A.C.
10. If after multiple documented attempts, permittees are unreachable to establish monitoring, permittees will be referred to the Division of Resource Management.
11. Permittees who refuse monitoring, either provided by the District or self-monitoring, are in violation of their permit conditions and will be referred to the Division of Resource Management, subject to enforcement action.

B. Instrumentation

1. For systems where one withdrawal point supplies a delivery system in which flow rate varies less than 10% during operation, the instrumentation shall consist of a pressure sensor capable of being set to a minimum threshold operating pressure. When the operating pressure is reached, the pressure sensor status will be read by a datalogger which will record the duration of pressure sensor activation. The datalogger will report a time series of event-based operation status once per day.
 - a. For systems meeting the above criteria, a ¼-inch Iron Pipe Size threaded port between the pump outlet and the backflow preventer or check valve should be provided by the user. The access port must provide a clean water pressure source and be upstream of any chemigation or fertigation injection port or any valve that prevents the flow of effluent back into the well in systems where reclaimed effluent is applied through the irrigation system.
2. For systems in which flow rate can vary by more than 10% for a single pump, or in which multiple pumps are installed in a network, a flowmeter may be necessary and will be provided by the District if the permittee has not chosen to self-monitor.
3. For continuously pressurized systems where the flow rate over multiple delivery systems varies less than 10%, a flow sensor may be required. Typical installations will require a clean-water port upstream of any chemigation or effluent delivery and sufficient straight runs of pipe upstream and downstream of the port according to the manufacturer's recommendations.
4. For systems requiring the installation of a flowmeter, the appropriate type of meter shall be determined by District staff in conjunction with the user prior to system installation. Inline meters may be necessary in the event less-invasive meters are not feasible. Typical installations will require a clean-water port upstream of any chemigation or effluent delivery and sufficient straight runs of pipe upstream and downstream of the port according to the manufacturer's recommendations.

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1. The number of units and configuration will determine the type of telemetry. It is the District's intent to reduce telemetry costs as much as possible through the aggregation of reporting units and the minimization of data file size. In many cases, telemetry for one or more dataloggers will be provided by a single cellular modem. Daily data file size will be typically less than 10 kilobytes.

D. Data Management

1. Flow measurements are required upon permit issuance and no less than five years thereafter pursuant to the Section 4.1.4 of the Water Use Permit Applicant's Handbook. Flow measuring equipment shall be calibrated to maintain an accuracy of $\pm 10\%$. Self-verified flow measurements may be provided to the District in a written or photographic format using the District's online portal.
2. Withdrawals will be computed using District software by multiplying either the daily run-time derived from the status report or the monthly reported electrical run-time by the estimated or measured flow rate.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Emily Ducker, Chief, Office of Water Supply

THRU: Hugh Thomas, Executive Director, Suwannee River Water Management District

DATE: February 6, 2024

RE: Order Number 24-002, 2024 Western Water Supply Plan (2020-2045 Planning Horizon)

RECOMMENDATION

Approve the 2024 Western Water Supply Plan (2020-2045) and associated appendices through Order Number 24-002.

BACKGROUND

Since 2020, staff have been working to publish the first Western Water Supply Plan (WWSP) for the Suwannee River Water Management District (District). The WWSP region encompasses the District's Western Planning Region, which includes Dixie, Lafayette, Madison, Taylor, and portions of Jefferson and Levy counties. The 2024 WWSP has identified sufficient sources of water to meet the needs of the environment and the projected demands through 2045.

Over the past four years, the District held a technical methods workshop, a water resource constraint workshop, and a draft 2024 WWSP workshop consistent with subsection 373.709(1), Florida Statutes (F.S.). The District worked with stakeholders, including utilities, local governments, and other interested parties to share an overview of the water supply planning process, discuss concerns regarding water supply, and answer questions.

Additionally, the North Florida-Southeast Georgia regional groundwater flow model was used to assess potential resource constraints if all projected reasonable-beneficial demands are met by fresh groundwater. The results of that assessment determined that fresh groundwater alone could supply some, but not all, of the projected future demand of 18 million gallons per day (mgd) through 2045 without causing unacceptable impacts to the water resources. To address this potential concern, the plan identifies 4.1 mgd of water supply development and water resource development project options, and 13.3 to 14.7 mgd of water conservation measures to meet the projected demand, while protecting the environment.

A public comment period was held from January 9, 2024, through February 7, 2024. There were no comments submitted. The final Draft 2024 Western Water Supply Plan (2020-2045) and associated appendices are located on the District's website at <https://www.mysuwanneeriver.com/1605/Water-Supply-Assessment-Plan>.

District staff recommends that the Governing Board approve Order Number 24-002, 2024 Western Water Supply Plan (2020-2045), recognizing the District's authority for water supply planning extends to water supply planning regions within its boundaries as established in section 373.069, F.S.

ED/ao