

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

OPEN TO THE PUBLIC

April 11, 2017
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 6 - March 14, 2017 Governing Board Meeting, Lands Committee and Workshop Minutes
 - Agenda Item 9 – Approval of February 2017 Financial Report
 - Agenda Item 19 - Approval of a Modification of Water Use Permit 2-041-220558-2, with a 0.0434 mgd Increase in Allocation and a Six-Year Permit Extension, Authorizing the Use of 0.0694 mgd of Groundwater for Agricultural Use at the Rantz and Stephanie Smith Farm Project, Gilchrist County
 - Agenda Item 20 - Approval of a Modification of Water Use Permit 2-041-221358-2, with a 0.0699 mgd Increase in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.1680 mgd of Groundwater for Agricultural Use at the David A. Key Farm Project, Gilchrist County

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6. Approval of Minutes – March 14, 2017 Governing Board Meeting, Lands Committee and Workshop Minutes – **Recommend Consent**
7. Items of General Interest for Information/Cooperating Agencies and Organizations
 - A. Presentation of Hydrologic Conditions by Tom Mirti, Director, Water Resource Division
 - B. Cooperating Agencies and Organizations

GOVERNING BOARD LEGAL COUNSEL
Tom Reeves

LC Page 1

8. Update on Legal Activities / Enforcement Status Report

DIVISION OF ADMINISTRATION AND OPERATIONS
Roary Snider, Chief of Staff

AO Page 1

9. Approval of February 2017 Financial Report – **Recommend Consent**

AO Page 10

10. Fiscal Year 2017 Budget Amendment Number 3

- AO Page 12 11. Fiscal Year 2017 Budget Amendment Number 4
- AO Page 14 12. Declaration of Surplus – Town of Greenville Sprayfield Tract – 151 Acres +/- Madison County
- AO Page 22 13. Approval of City of Cedar Key Annexation Request
- AO Page 25 14. Contract with TSI Disaster Recovery, LLC for Design and Construction Services for River Access Improvements and Resource Protection Projects
- AO Page 27 15. Land and Facilities Operations Activity Summary Report
- AO Page 32 16. Land Acquisition and Disposition Activity Report

DIVISION OF WATER SUPPLY
Carlos Herd, P.G., Director

No Items

DIVISION OF WATER RESOURCES
Tom Mirti, Director

- WR Page 1 17. Authorization for the Executive Director to Execute a Task Work Assignment with Huss Drilling, Inc. for Well Construction and Associated Hydrogeological Testing
- WR Page 2 18. Agricultural Water Use Monitoring Update

DIVISION OF RESOURCE MANAGEMENT
Tim Sagul, P.E., Director

- RM Page 1 19. Approval of a Modification of Water Use Permit 2-041-220558-2, with a 0.0434 mgd Increase in Allocation and a Six-Year Permit Extension, Authorizing the Use of 0.0694 mgd of Groundwater for Agricultural Use at the Rantz and Stephanie Smith Farm Project, Gilchrist County – **Recommend Consent**
- RM Page 11 20. Approval of a Modification of Water Use Permit 2-041-221358-2, with a 0.0699 mgd Increase in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.1680 mgd of Groundwater for Agricultural Use at the David A. Key Farm Project, Gilchrist County – **Recommend Consent**
- RM Page 21 21. Approval of a Modification of Water Use Permit 2-121-221458-2, with a 0.4034 mgd Increase in Allocation and an Estimated 0.3575 to 0.6219 mgd of Water Savings from Implementation of Precision Agricultural Management, Authorizing the Use of 1.7613 mgd of Groundwater for Agricultural Use at the PC 12 Farm Project, Suwannee County
- RM Page 31 22. Permitting Summary Report

AGRICULTURE AND ENVIRONMENTAL PROJECTS

Darrell Smith, Director

- AE Page 1 23. Approval to Contract with the Florida Department of Environmental Protection to Receive Grant Funds for the Mill Creek Sink Stormwater Improvement Project
- AE Page 4 24. Authorization to Implement the Springs Pilot Agricultural Project
- AE Page 6 25. Approval to Enter into Contract with an Agricultural Producer to Provide Water Conservation Cost-Share Funding – Townsend Brothers Ag Enterprises

EXECUTIVE OFFICE

Noah Valenstein, Executive Director

- EO Page 1 26. District's Weekly Activity Reports
27. Announcements
28. Adjournment

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

Definitions:

•"Lobbies" is defined as seeking to influence a district policy or procurement decision or an attempt to obtain the goodwill of a district official or employee. (112.3261(1)(b), Florida Statutes [F.S.]

•"Lobbyist" is a person who is employed and receives payment, or who contracts for economic consideration, for the purpose of lobbying, or a person who is principally employed for governmental affairs by another person or governmental entity to lobby on behalf of that other person or governmental entity. (112.3215(1)(h), F.S.)

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

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

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

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

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

March 14, 2017
9:00 a.m.

District Headquarters
Live Oak, Florida

Agenda Item No. 1 – Call to Order. The meeting was called to order at 9:03 a.m.

Agenda Item No 2 – Roll Call / Governing Board Officer Elections.

- Chair Quincey: Nominations for Secretary/Treasurer

Chair Quincey nominated Virginia Johns to continue as Secretary/Treasurer.

MOTION WAS MADE BY SANCHEZ, SECONDED BY ALEXANDER TO APPROVE THE NOMINATION OF VIRGINIA JOHNS AS SECRETARY/TREASURER. MOTION CARRIED UNANIMOUSLY.

Governing Board:

Seat	Name	Office	Present	Not Present
Aucilla Basin	Bradley Williams			X
Coastal River Basin	Richard Schwab		X	
Lower Suwannee Basin	Don Quincey, Jr.	Chair	X	
Santa Fe & Wacc. Basins	Kevin W. Brown		X	
Upper Suwannee Basin	Alphonas Alexander	Vice Chair	X	
At Large	Virginia H. Johns	Sec./Treas.	X	
At Large	Virginia Sanchez		X	
At Large	Gary Jones			X
At Large	Charles Keith			X

Governing Board General Counsel

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

Staff:

Position	Name	Present	Not Present
Executive Director	Noah Valenstein	X	
Chief of Staff	Roary Snider	X	
Governmental Affairs Director	Steve Minnis		X
Water Supply Division Director	Carlos D. Herd. P.G.	X	
Water Resources Division Director	Tom Mirti	X	
Resource Mgmt. Division Director	Tim Sagul	X	
Agricultural and Environmental Projects Director	Darrell Smith	X	
Communication Director	Katelyn Potter	X	

Guests:

Kristin Simmons, FDEP	Justin Whitfield, AECOM
Cory Mikell, H2O Mobile Lab	Lisa Baker, Locklear & Associates
Craig Varn, Manson, Bolves & Varn	Leigh Brooks, FDACS

Gary Hardacre, City of Alachua
Jim Tatum, Our Santa Fe River
Kevin Wright, Generation Farms
Greg Watts, Full Circle Dairy, LLC
Phil Watts, Full Circle Dairy, LLC
Calvin Malone, City of Greenville
Georgia Schmitz
Jeff Hill

Amelia McKnight, Ichetucknee Alliance
Charles Shinn, Farm Bureau
Bob Moresi, Black & Veatch
Jim McCrosky, City of Greenville Manager
Paul Catlett, Camp Blanding
Steve Gladin
Paul Still, BSWCD

Staff:

Pat Webster
Warren Zwanka
Tyler Jordan
Keith Rowell
Robin Lamm
Pam Shaw

Justin Garland
Hugh Thomas
Amy Brown
Bob Heeke
Bill McKinstry

Agenda Item No. 3 - Announcement of any Amendments to the Agenda by the Chair:

Deletion:

- Agriculture and Environmental Project Division – Agenda Item 24 – Authorization to Enter into Contracts for the Construction of the Edwards Bottomlands Wetland Mitigation Project

MOTION WAS MADE BY ALEXANDER, SECONDED BY JOHNS TO APPROVE THE AMENDMENTS TO THE AGENDA. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 4 – Public Comment.

- Paul Still, BCSW – Edward Bottomlands Mitigation Project concerns

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

- Agenda Item 6 - February 14, 2017 Governing Board, Lands Committee and Board Workshop Minutes
- Agenda Item 9 - Approval of January 2017 Financial Report
- Agenda Item 10 - Adoption of Resolution 2017-01 to Formally Adopt Budget Amendment 2017-01 as Adopted at the February 2017 Governing Board Meeting
- Agenda Item 11 - Adoption of Resolution 2017-02 to Formally Adopt Budget Amendment 2017-02 as Adopted at the February 2017 Governing Board Meeting
- Agenda Item 17 - Approval of a Modification of Water Use Permit 2-041-215815-2, with a 0.0742 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2199 mgd of Groundwater for Agricultural Uses at the Gary Taylor Project, Gilchrist County
- Agenda Item 18 - Approval of a Modification of Water Use Permit 2-041-215829-2, with a 0.0723 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.0400 mgd of Groundwater for Agricultural Uses at the G. D. Cannon Project, Gilchrist County
- Agenda Item 19 - Approval of a Modification of Water Use Permit 2-121-220642-3, with a 0.3739 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2808 mgd of Groundwater for Agricultural Use at the Hay 136 Ross Farm Project, Suwannee County

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

Agenda Item No. 6 – Approval of Minutes - February 14, 2017 Governing Board Meeting and Workshop Minutes. Approved on Consent.

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

- A. Tom Mirti gave a presentation of hydrologic conditions of the District.
- B. Cooperating Agencies and Organizations - None
- C. Service Award: Bob Heeke-30 Years. Noah Valenstein, Executive Director, presented Bob Heeke with 30-year service award.

GOVERNING BOARD LEGAL COUNSEL

Agenda Item No. 8 – Legal Activities Update / Enforcement Status Report. Tom Reeves provided updates regarding Water Supply Plan Administrative Complaints and the Jeff Hill Bankruptcy case.

DIVISION OF ADMINISTRATION AND OPERATIONS

Agenda Item No. 9 – Approval of January 2017 Financial Report. Approved on Consent.

Agenda Item No. 10 – Adoption of Resolution 2017-01 to Formally Adopt Budget Amendment 2017-01 as Adopted at the February 2017 Governing Board Meeting. Approved on Consent.

Agenda Item No. 11 – Adoption of Resolution 2017-02 to Formally Adopt Budget Amendment 2017-02 as Adopted at the February 2017 Governing Board Meeting. Approved on Consent.

Agenda Item No. 12 – Approval and Execution of the First Amendment to the Florida Fish and Wildlife Conservation Commission Cooperate Agreement, Contract No. 12/13-016. Roary Snider, Chief of Staff, presented this item to the Board.

MOTION WAS MADE BY ALEXANDER, SECONDED BY JOHNS TO APPROVE THE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 13 - District Land Management & Twin River State Forest (TRSF) Activity Summary. This report was provided as an informational item in the Board materials.

Agenda Item No. 14 - Land Acquisition and Disposition Activity Report. This report was provided as an informational item in the Board materials.

DIVISION OF WATER SUPPLY

Agenda Item No. 15 – Water Supply Assessment Discussion. Amy Brown, Senior Hydrogeologist, presented a PowerPoint regarding the Draft Water Supply Assessment Plan.

Agenda Item No. 16 - Agricultural Water Use Monitoring Update. Tom Mirti, Division Director, provided this update to the Board.

DIVISION OF RESOURCE MANAGEMENT

Agenda Item No. 17 – Approval of a Modification of Water Use Permit 2-041-215815-2, with a 0.0742 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2199 mgd of Groundwater for Agricultural Uses at the Gary Taylor Project, Gilchrist County. Approved on Consent.

Agenda Item No. 18 – Approval of a Modification of Water Use Permit 2-041-215829-2, with a 0.0723 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.0400 mgd of Groundwater for Agricultural Uses at the G. D. Cannon Project, Gilchrist County. Approved on Consent.

Agenda Item No. 19 – Approval of a Modification of Water Use Permit 2-121-220642-3, with a 0.3739 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2808 mgd of Groundwater for Agricultural Use at the Hay 136 Ross Farm Project, Suwannee County. Approved on Consent.

Agenda Item No. 20 – Approval of a Modification of Water Use Permit 2-001-220715-2, with a 0.1768 mgd Increase in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.1777 mgd of Groundwater for Agricultural Use at the Venco Place Project, Alachua County. Warren Zwanka, Chief Hydrogeologist, presented this item to the Board.

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

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

AGRICULTURE AND ENVIRONMENTAL PROJECTS

Agenda Item No. 22 – Approval to Enter into Contract with Four Agricultural Producers to Provide Water Conservation Cost-Share Funding. Justin Garland, Engineer, presented this item to the Board.

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

Agenda Item No. 23 – Approval to Enter into Contract with Four Dairy Producers to Provide Water Conservation and Nutrient Reduction Cost-Share Funding. Hugh Thomas, Senior Projects Manager, presented this item to the Board.

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

Agenda Item No. 24 – Authorization to Enter Contracts for the Construction of the Edwards Bottomlands Wetland Mitigation Project. **Deleted**

EXECUTIVE OFFICE

Agenda Item No. 25 – Springs Protection Awareness Month Proclamation. Mr. Valenstein presented this item to the Board.

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

Agenda Item No. 26 – Water Conservation Month Proclamation. Mr. Valenstein presented this item to the Board.

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

Agenda Item No. 27 - District’s Weekly Activity Reports. These reports were provided as an informational item in the Board materials.

Agenda Item No. 28 – Announcements - None

Agenda Item No. 29 – Adjournment. Meeting adjourned at 10:57 a.m.

Chair

ATTEST:

LAND COMMITTEE MEETING

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

March 14, 2017
Following Board Meeting

District Headquarters
Live Oak, FL

1. Call to Order / Committee Roll Call

The Lands Committee meeting began at 10:57 a.m.

Committee Members	Present	Not Present
Al Alexander	X	
Kevin Brown	X	
Gary Jones		X
Virginia Sanchez	X	
Bradley Williams		X

2. Public Comment: None

Land Acquisition / New Property Offers

3. None

Conservation Easement Modification Requests

4. None

Surplus Lands / Updates

5. Town of Greenville Surplus Request, 151 Acres +/-, Madison County

Mayor Malone, Town of Greenville, provided comments to the Committee

MOTION WAS MADE BY SANCHEZ, SECONDED BY ALEXANDER TO PRESENT TO FULL BOAR FOR APPROVAL. MOTION CARRIED UNANIMOUSLY.

General Discussion / Updates

6 Project Updates

7. Announcements

8. Adjournment. Meeting adjourned at 11:04 a.m.

Chair

ATTEST:

AGENDA
SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD WORKSHOP

March 14, 2017
Following the Governing Board Meeting

District Headquarters
Live Oak, FL

Discussion of Army Compatible Use Buffer Program

Paul Catlett, Camp Blanding, discussed the Army Compatible Use Buffer Program.

Workshop adjourned at 11:28 a.m.

Chair

ATTEST:

MEMORANDUM

TO: Governing Board
FROM: Tim Sagul, P.E., Division Director, Resource Management
DATE: March 31, 2016
RE: Enforcement Status Report

Matters Staff is attempting to gain compliance without enforcement action

Respondent	Justin M. Fitzhugh
Enforcement Number / County	CE05-0046 / Columbia
Violation	Non-Functioning Stormwater Management System & Failure to Submit As-Builts
Legal Counsel	Brannon, Brown, Haley & Bullock, P.A.
Date Sent to Legal	July 1, 2010
Target Date	December 31, 2015
Legal Fees to date	\$2,274
Last Update	February 23, 2017

This violation is for a non-functioning surface water management system and failure to submit as-built certification forms. The property has changed hands multiple times. The current owner, Joe Peurrung applied for and received a 10-2 certification (revised stormwater permit). Construction bids were received. Just before remediation of the stormwater system was getting underway FDOT notified the owner that they are contemplating road improvements in the area and there is a possibility of FDOT needing the property for them. Staff contacted Mr. Peurrung on April 26, 2016 regarding FDOT's intent. He indicated that FDOT is moving forward with the acquisition of the property. If FDOT obtains the land, then staff will close the enforcement file. **As of February 23, 2017, Mr. Peurrung indicated that FDOT is still moving forward with the acquisition but nothing has been finalized.**

Respondent	Cannon Creek Airpark
Enforcement Number / County	CE05-0031/ Columbia
Violation	Unpermitted Construction
Legal Counsel	Davis, Schnitker, Reeves and Browning, P.A.
Date sent to legal	February 2006
Target Date	Ongoing
Legal Fees to date	\$7,048.50
Last Update	February 23, 2017

This compliance action has been on-going for a number of years. This involves work that was done within the subdivision to alleviate flooding. The work was done without a permit. Columbia County officials are working on a stormwater project that may alleviate the practical need to obtain compliance with the existing District permit, but instead would require that the permit be modified to reflect the system as constructed.

District staff is currently reviewing an ERP application to implement one phase of the County's master stormwater plan that includes the Cannon Creek area, which should address the remaining drainage problems for this project. The District is waiting for Columbia County to respond to the mitigation offer before taking further action on the permit application.

Columbia County responded to the request for additional information. Staff is reviewing the submittal in regards to the proposed wetland mitigation offer.

District staff met with Columbia County on February 28, 2012, to discuss outstanding RAI items and expect to soon receive additional information from the County. Columbia County proposes to "bundle" the wetland mitigation required for this project with mitigation being provided for a Home Depot project. Staff plans to discuss this approach with the District's Governing Board.

A permit for this project was issued on August 6, 2012. Staff is working with Columbia County on an appropriate resolution.

District staff met with Columbia County staff on October 29, 2014 to discuss the path forward, including the possibility of modifying the current ERP permit. The stormwater issues associated with this project are anticipated to be corrected by the work associated with the Columbia County Ichetucknee Headwaters Stormwater Improvement project that recently received funding from FDEP. **As of February 23, 2017, District staff has been working with Columbia County to finalize the design in order to modify the current ERP permit.**

Matters the Governing Board has directed staff to take enforcement

Respondent	Charlie Hicks, Jr.
Enforcement Number / County	CE07-0087 / Madison County
Violation	Unpermitted Construction in Floodway
Legal Counsel	Davis, Schnitker, Reeves and Browning, P.A.
Date sent to legal	October 30, 2008
Target Date	Ongoing
Legal Fees to date	\$25,508.03
Last Update	February 23, 2017

The violation consists of construction of a structure in the floodway, without obtaining a Works of the District permit. The case has been before the court several times.

The nonjury trial on damages was conducted on April 3, 2012. The Court entered its Final Judgment awarding the District a total amount of \$31,794.07, which consisted of a \$10,000 penalty, an award of attorneys' fees of \$19,454.50, and legal and investigative costs totaling \$2,339.57. The file was transferred from Brannon, Brown, Haley & Bullock, P.A., to Board Counsel in August 2013 for resolution. The District is in the process of levying on Hick's real property. This is done by a Sheriff's sale. The Madison County Sheriff's office had tentatively scheduled the sale date for December 20, 2016. **The sale date has been set for March 7, 2017.**

Respondent	Jeffrey Hill / Haight Ashbury Subdivision
Enforcement Number / County	CE04-0003 / Columbia
Violation	Not Built in Accordance with Permitted Plans
Legal Counsel	Davis, Schnitker, Reeves and Browning, P.A.
Date sent to legal	May 2006
Target Date	November 30, 2015
Legal Fees to date	\$13,209
Last Update	February 23, 2017

This enforcement activity has been ongoing for several years. At a hearing on January 31, 2011, the Court granted the District's motion for summary judgment in this case. The judge's order requires Mr. Hill to comply with the corrective actions specified in the District's final order, imposes a civil penalty, and awards the District its costs and attorney's fees.

The District and Columbia County entered into an interlocal agreement (ILA) setting forth the County's offer to obtain the necessary legal access and perform the correction action required on the stormwater management system. Thereafter, the District would transfer the permit to the County as the perpetual operation and maintenance entity. In exchange for the County's assistance, and other actions agreed to by the County to help the District resolve two other long-standing ERP violations, the District contemplates donating an approximate 42-acre parcel of land on Alligator Lake that adjoins County-owned property.

Columbia County has finished the remedial work. Staff has inspected the site with the County. Staff is awaiting the as-built certifications for the site in order to close out this file. **Staff has contacted the County regarding submittal of the close-out documents. County staff has indicated that the material will be submitted shortly.**

Respondent	Jeffrey Hill / Smithfield Estates-Phase 1
Enforcement Number / County	CE04-0025 / Columbia
Violation	Not Built in Accordance with Permitted Plans
Legal Counsel	Davis, Schnitker, Reeves and Browning, P.A.
Date sent to legal	May 2006
Target Date	November 30, 2015
Legal Fees to date	\$13,209
Last Update	February 23, 2017

This enforcement activity has been ongoing for several years. At a hearing on January 31, 2011, the Court granted the District's motion for summary judgment in this case. The judge's order requires Mr. Hill to comply with the corrective actions specified in the District's final order, imposes a civil penalty, and awards the District its costs and attorney's fees.

The District and Columbia County entered into an interlocal agreement (ILA) setting forth the County's offer to obtain the necessary legal access and perform the correction action required on the stormwater management system. Thereafter, the District would transfer the permit to the County as the perpetual operation and maintenance entity. In exchange for the County's assistance, and other actions agreed to by the County to help the District resolve two other long-standing ERP violations, the District contemplates donating an approximate 42-acre parcel of land on Alligator Lake that adjoins County-owned property.

The County has finished the remedial work. Staff has inspected the site with the County and is awaiting the as-built certifications in order to close out this file. **Staff has contacted the County regarding submittal of the close-out documents. County staff has indicated that the material will be submitted shortly.**

MEMORANDUM

TO: Governing Board

FROM: Roary E. Snider, Esq., Chief of Staff

DATE: March 31, 2017

RE: Approval of February 2017 Financial Report

RECOMMENDATION

Staff recommends the Governing Board approve the February 2017 Financial Report and confirm the expenditures of the District.

BACKGROUND

Chapter 373.553(1), 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, the Governing Board of the Suwannee River Water Management District has directed staff to prepare a Financial Report as attached.

If you have any questions about this recommendation or if you would like any further information regarding the District's financial transactions, please contact me.

RS/pf
Attachments

**Suwannee River Water Management District
Cash Report
February 2017**

ACCOUNT	Monthly Interest	Interest Rate %	Closing Balance
Bank of America Permit Fee	-	-	\$7,875.66
First Federal Permit Fee	\$12.30	0.41%	\$40,315.74
First Federal Accounts Payable			\$35,000.00
First Federal Depository	\$663.41	0.78%	\$820,873.16
SPIA	<u>\$49,667.58</u>	1.30%	<u>\$50,417,583.25</u>
TOTAL	\$50,343.29		\$51,321,647.81

**Suwannee River Water Management District
Statement of Sources and Uses of Funds
For the Month ending February 28, 2017
(Unaudited)**

	Current Budget	Actuals Through 2/28/2017	Variance (Under)/Over Budget	Actuals As A % of Budget
Sources				
Ad Valorem Property Taxes	\$ 5,727,117	\$ 4,667,805	\$ (1,059,312)	82%
Intergovernmental Revenues	\$ 41,814,726	\$ 6,466,294	\$ (35,348,432)	15%
Interest on Invested Funds	\$ 244,137	\$ 244,541	\$ 404	100%
License and Permit Fees	\$ 120,000	\$ 73,778	\$ (46,222)	61%
Other	\$ 988,488	\$ 781,669	\$ (206,819)	79%
Fund Balance	\$ 18,537,768		\$ (18,537,768)	0%
Total Sources	\$ 67,432,236	\$ 12,234,088	\$ (55,198,148)	18%

	Current Budget	Expenditures	Encumbrances ¹	Available Budget	%Expended	%Obligated ²
Uses						
Water Resources Planning and Monitoring	\$ 10,685,707	\$ 1,784,990	\$ 36,952	\$ 8,863,765	17%	17%
Acquisition, Restoration and Public Works	\$ 49,304,118	\$ 2,154,104	\$ 23,797	\$ 47,126,217	4%	4%
Operation and Maintenance of Lands and Works	\$ 4,420,671	\$ 740,161	\$ 37,101	\$ 3,643,409	17%	18%
Regulation	\$ 1,367,953	\$ 377,212	\$ 6,044	\$ 984,697	28%	28%
Outreach	\$ 228,202	\$ 57,611	\$ -	\$ 170,591	25%	25%
Management and Administration	\$ 1,425,585	\$ 673,369	\$ 8,672	\$ 743,544	47%	48%
Total Uses	\$ 67,432,236	\$ 5,787,448	\$ 112,566	\$ 61,532,222	9%	9%

¹ Encumbrances represent unexpended balances of open purchase orders and contracts.

² Represents the sum of expenditures and encumbrances as a percentage of the available budget.

This financial statement is prepared as of February 28, 2017 and covers the interim period since the most recent audited financial statements.

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)

February 28, 2017

Recap of All Funds	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	12,234,087.63	0.00	67,432,236.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	2,143,980.30	0.00	6,047,220.67
TOTAL CONTRACTUAL SERVICES	2,103,818.22	44,786.60	33,500,249.96
TOTAL OPERATING EXPENSES	391,736.40	41,982.97	1,164,795.00
TOTAL CAPITAL OUTLAY	25,712.99	25,796.63	215,076.00
TOTAL FIXED CAPITAL OUTLAY	618,386.37	0.00	5,275,000.00
TOTAL INTERAGENCY EXPENSES	503,813.42	0.00	21,229,894.08
TOTAL EXPENDITURES	<u>5,787,447.70</u>	<u>112,566.20</u>	<u>67,432,235.71</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>6,446,639.93</u>	<u>(112,566.20)</u>	<u>0.29</u>

Fund 01: General Fund	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	6,971,164.99	0.00	11,878,485.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	1,812,876.32	0.00	5,246,012.49
TOTAL CONTRACTUAL SERVICES	625,363.48	22,057.30	4,409,775.00
TOTAL OPERATING EXPENSES	266,053.18	28,573.60	792,714.00
TOTAL CAPITAL OUTLAY	1,640.99	3,173.04	92,032.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	140,994.20	0.00	1,337,952.00
TOTAL EXPENDITURES	<u>2,846,928.17</u>	<u>53,803.94</u>	<u>11,878,485.49</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>4,124,236.82</u>	<u>(53,803.94)</u>	<u>(0.49)</u>

Fund 02: Emergency Operations	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	0.00	0.00	0.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	16,567.07	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	<u>16,567.07</u>	<u>0.00</u>	<u>0.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(16,567.07)</u>	<u>0.00</u>	<u>0.00</u>

**Salaries associated with Hurricane Hermine; applied for FEMA reimbursement*

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
February 28, 2017

Fund 05: Middle Suwannee	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	4,209.87	0.00	589,083.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	4,209.87	22,729.30	589,083.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	4,209.87	22,729.30	589,083.00
EXCESS REVENUES OVER (UNDER) EXPENDITURES	0.00	(22,729.30)	0.00

Fund 06: Springs Appropriation	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	418,892.50	0.00	30,647,104.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	1,163.41	0.00	0.00
TOTAL CONTRACTUAL SERVICES	502,350.72	0.00	18,387,989.20
TOTAL OPERATING EXPENSES	5,771.50	0.00	0.00
TOTAL CAPITAL OUTLAY	24,072.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	141,800.00	0.00	12,259,114.00
TOTAL EXPENDITURES	675,157.63	0.00	30,647,103.20
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(256,265.13)	0.00	0.80

**Expenditures to be covered by DEP Reimbursement Grant; reimbursement requested*

Fund 07: Local Revenue	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	105,600.00	0.00	105,600.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	24,501.55	0.00	105,600.00
TOTAL EXPENDITURES	24,501.55	0.00	105,600.00
EXCESS REVENUES OVER (UNDER) EXPENDITURES	81,098.45	0.00	0.00

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
February 28, 2017

Fund 08: WMLTF / Springs	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	332,116.35	0.00	329,352.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	15,269.85	0.00	0.00
TOTAL CONTRACTUAL SERVICES	316,846.50	0.00	290,917.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	38,435.08
TOTAL EXPENDITURES	332,116.35	0.00	329,352.08
EXCESS REVENUES OVER (UNDER) EXPENDITURES	0.00	0.00	(0.08)

Fund 10: Florida Forever & P-2000	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	1,405,855.64	0.00	7,000,000.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	19,404.25	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	618,386.37	0.00	5,000,000.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	2,000,000.00
TOTAL EXPENDITURES	637,790.62	0.00	7,000,000.00
EXCESS REVENUES OVER (UNDER) EXPENDITURES	768,065.02	0.00	0.00

Fund 12: DOT ETDM	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	206.95	0.00	0.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	2,813.81	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	2,813.81	0.00	0.00
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(2,606.86)	0.00	0.00

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
February 28, 2017

Fund 13: Land Management/Operations	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	2,727,402.41	0.00	4,237,071.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	292,414.44	0.00	801,208.18
TOTAL CONTRACTUAL SERVICES	277,781.81	0.00	2,088,829.00
TOTAL OPERATING EXPENSES	119,911.72	13,409.37	372,081.00
TOTAL CAPITAL OUTLAY	0.00	22,623.59	123,044.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	275,000.00
TOTAL INTERAGENCY EXPENSES	36,073.50	0.00	576,909.00
TOTAL EXPENDITURES	<u>726,181.47</u>	<u>36,032.96</u>	<u>4,237,071.18</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>2,001,220.94</u>	<u>(36,032.96)</u>	<u>(0.18)</u>

Fund 19: DOT Mitigation	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	6,445.15	0.00	1,074,132.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	1,526.64	0.00	0.00
TOTAL CONTRACTUAL SERVICES	48,293.09	0.00	1,074,131.43
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	<u>49,819.73</u>	<u>0.00</u>	<u>1,074,131.43</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(43,374.58)</u>	<u>0.00</u>	<u>0.57</u>

**Expenditures to be covered by Reimbursement Grant; reimbursement requested*

Fund 29: SRP	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	29,250.00	0.00	175,000.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	29,250.00	0.00	175,000.00
TOTAL EXPENDITURES	<u>29,250.00</u>	<u>0.00</u>	<u>175,000.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)

February 28, 2017

Fund 33: PCS Mitigation	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	567.76	0.00	0.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	0.00	0.00	0.00
EXCESS REVENUES OVER (UNDER) EXPENDITURES	567.76	0.00	0.00

Fund 51: District Ag Cost Share	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	1,575.18	0.00	2,173,213.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	25,158.40	0.00	2,114,213.33
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	59,000.00
TOTAL EXPENDITURES	25,158.40	0.00	2,173,213.33
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(23,583.22)	0.00	(0.33)

**Expenditures to be covered by Fund Balance*

Fund 53: District River Cost Share	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	1,151.58	0.00	4,947,184.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	269,300.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	131,194.17	0.00	4,677,884.00
TOTAL EXPENDITURES	131,194.17	0.00	4,947,184.00
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(130,042.59)	0.00	0.00

**Expenditures to be covered by Fund Balance*

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
February 28, 2017

Fund 53: District River Cost Share	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	1,151.58	0.00	4,947,184.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	269,300.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	131,194.17	0.00	4,677,884.00
TOTAL EXPENDITURES	<u>131,194.17</u>	<u>0.00</u>	<u>4,947,184.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(130,042.59)</u>	<u>0.00</u>	<u>0.00</u>

Fund 60: Reimbursable Grants	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	424.15	0.00	1,151,900.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	1,348.76	0.00	0.00
TOTAL CONTRACTUAL SERVICES	55,185.00	0.00	1,151,900.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	<u>56,533.76</u>	<u>0.00</u>	<u>1,151,900.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(56,109.61)</u>	<u>0.00</u>	<u>0.00</u>

**Salaries are for Union County LAP projects to be covered by DOT grant*

MEMORANDUM

TO: Governing Board
FROM: Roary Snider, Chief of Staff
DATE: March 31, 2017
RE: Fiscal Year 2017 Budget Amendment Number 3

RECOMMENDATION

District staff recommends the Governing Board approve Water Management District Budget Amendment Number 3 for Fiscal Year 2017 contingent on approval by the Executive Office of the Governor.

BACKGROUND

This budget amendment authorizes additional unanticipated carry-forward to complete the Ichetucknee Springs Water Quality Improvement Project in the amount of \$578,182, of which \$204,066 is from the District's Fund Balance and \$374,116 is from State Revenues. This will have no impact on the District's ad valorem taxation collection.

The current budget for EOG Code 2.3 is \$15,814,664.

RS/pf

WMD Budget Amendment Request Form

LBC Notice Required No

WMD Amendment Number 3

Water Management District Name: SRWMD

Budget Amendment Type: New Funds

If "New Funds" selected above please explain why it was not included in the Tentative Budget

The District had unexpected carry-forward for the completion of the Ichetucknee Springs Water Quality Improvement Project. The funds had been expected to be expended by September 30, 2016 and thus were not included in the District's Tentative Budget.

If "Other" selected above please explain

Project Title: Ichetucknee Springs WQI

Project Description:

The District will expend previously authorized state revenues and District funds to complete the Ichetucknee Springs Water Quality Improvement project. District funds are \$204,066 from the Fund Balance and State Revenues are \$374,116.

Issue Statement:

This issue is amended pursuant to District Finance Policy and s. 373.536(4), F.S., to request authority to expend unanticipated carry-forward funds from State Revenues to complete a project.

Project

Program Activity Subactivity	Current Budget	Expenditures to Date	Encumbrances	Available Budget	Amount Requested
2.3	\$ 15,814,664	\$ 364,465	-	\$ 15,450,199	\$ 578,182
	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 15,814,664	\$ 364,465	\$ -	\$ 15,450,199	\$ 578,182

SOURCE OF FUNDS	AMOUNT
WMLTF; District Fund Balance	\$ 578,182.00

Utilize the standardized coding and naming convention from the tentative budget and provide an amount for each expenditure category within the lowest service level (program/activity/subactivity) and a grand total

District Request:

The Suwannee River Water Management District request a modification to their FY 2016-17 adopted budget. Pursuant to the requirements of s. 373.536(4)(c), F.S. – If the district receives unanticipated funds after the adoption of the final budget, the final budget may be amended, following review and approval by the Executive Office of the Governor, by including such funds, if notice of intention to amend is provided to the Legislative Budget Commission and is published in the notice of the governing board meeting at which the amendment will be considered, pursuant to s. 120.525, F.S.. The notice must set forth a summary of the proposed amendment. The district anticipates receiving funds from Fund Balance to facilitate and support land management activities necessary for the public health and safety.

Fiscal Impact:

There is no fiscal impact to existing revenues. Project funds previously budgeted require carry-forward to complete the project.

MEMORANDUM

TO: Governing Board
FROM: Roary Snider, Chief of Staff
DATE: March 31, 2017
RE: Fiscal Year 2017 Budget Amendment Number 4

RECOMMENDATION

District staff recommends the Governing Board approve Water Management District Budget Amendment Number 4 for Fiscal Year 2017 contingent on approval by the Executive Office of the Governor.

BACKGROUND

This budget amendment authorizes additional unanticipated revenues associated with a State Grant to fund a portion of the Mill Creek Sink Project of \$1,000,000 from the Department of Environmental Protection. This will have no impact on the District's ad valorem taxation collection.

The current budget for EOG Code 2.3 is \$15,814,664.

RS/pf

WMD Budget Amendment Request Form

LBC Notice Required No

WMD Amendment Number 4

Water Management District Name: SRWMD

Budget Amendment Type: New Funds

If "New Funds" selected above please explain why it was not included in the Tentative Budget

The District has recently been awarded a grant from the Department of Environmental Protection for the Mill Creek Sink Project. This grant was not anticipated during the Tentative Budget development process.

If "Other" selected above please explain

Project Title: Mill Creek Sink Project

Project Description:
The District will construct a project to protect the water quality at Mill Creek Sink in Alachua County. The District will contribute \$400,000 from District funds with existing budget authority.

Issue Statement:
This issue is amended pursuant to District Finance Policy and s. 373.536(4), F.S., to request authority to expend unanticipated funds from State Revenues to complete a project.

Project					
Program Activity Subactivity	Current Budget	Expenditures to Date	Encumbrances	Available Budget	Amount Requested
2.3	\$ 15,814,664	\$ 364,465	\$ -	\$ 15,450,199	\$ 1,000,000
	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 15,814,664	\$ 364,465	\$ -	\$ 15,450,199	\$ 1,000,000
SOURCE OF FUNDS					AMOUNT
State Revenues					\$ 1,000,000.00

Utilize the standardized coding and naming convention from the tentative budget and provide an amount for each expenditure category within the lowest service level (program/activity/subactivity) and a grand total

District Request:

The Suwannee River Water Management District request a modification to their FY 2017-18 adopted budget. Pursuant to the requirements of s. 373.536(4)(c), F.S. – If the district receives unanticipated funds after the adoption of the final budget, the final budget may be amended, following review and approval by the Executive Office of the Governor, by including such funds, if notice of intention to amend is provided to the Legislative Budget Commission and is published in the notice of the governing board meeting at which the amendment will be considered, pursuant to s. 120.525, F.S.. The notice must set forth a summary of the proposed amendment. The district anticipates receiving funds from Federal Revenues and the transfer of District lands to the Federal government to facilitate and support additional land acquisition partnerships with Federal entities.

Fiscal Impact:

There is no fiscal impact to existing revenues. The Suwannee River Water Management District anticipates receiving additional revenues to equal to the requested budget authority.

MEMORANDUM

TO: Governing Board

FROM: Roary E. Snider, Esq., Chief of Staff

DATE: March 30, 2017

RE: Declaration of Surplus – Town of Greenville Sprayfield Tract – 151 Acres +/-
Madison County

RECOMMENDATION

Staff recommends the Governing Board declare the Town of Greenville Sprayfield Tract as no longer needed for conservation, declare the tract surplus and authorize the Executive Director to convey the tract to the Town of Greenville subject to protective restrictions and District reservations.

BACKGROUND

Staff received the attached request from the Town of Greenville on February 17, 2017. The District Acquisition and Surplus Review Team has evaluated the proposed surplus request and is recommending approval.

At its March 14th 2017 meeting the Lands Committee approved the Greenville Sprayfield Tract to be declared no longer needed for conservation, recommended for surplus, and approved the conveyance of the Tract to the Town of Greenville subject to protective restrictions that would allow passive recreation use only and further reserves the right for the District to install a groundwater monitor well station on the surplus tract or adjacent Town property.

KR/pf
Attachments

TOWN OF GREENVILLE
TOWN OF GREENVILLE
FLORIDA

154 SW Old Mission Avenue • Post Office Box 235 • Greenville, Florida 32331-0235
Phone 850-948-2251 • Fax 850-948-3363

Incorporated 1907

February 14, 2017

Noah Valenstein
9225 CR 49
Live Oak, FL 32060

RE: Suwannee River District Property Parcel: 29-1N-07-2553-000-000

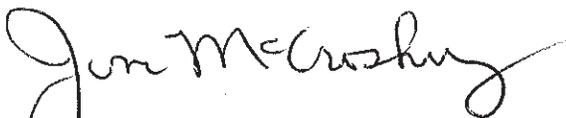
Dear Mr. Valenstein:

The Town of Greenville owns a 50-acre tract of land to the south of a property owned by the Suwannee River Water District. The SRD tract of land is shown on the FEMA flood map as wet. The Town is interested in having this 151-acre tract donation to the Town. By combining these two tracts of land it will be more efficient for the town to provide utilities and other town amenities.

We are herein requesting the Suwannee River Water District deed this tract to the Town of Greenville. This will allow the Town to then annex our tract to the south because we will be contiguous to our town limits.

Please explore this issue with your board and give us your opinion. All cost of annexation will be paid by the Town and Suwannee River will continue to be tax exempt. Please feel free to contact my office if you have questions or comments. (386-275-7877)

Warm regards,



Jim McCroskey

Town Manager

RECEIVED
SRWMD

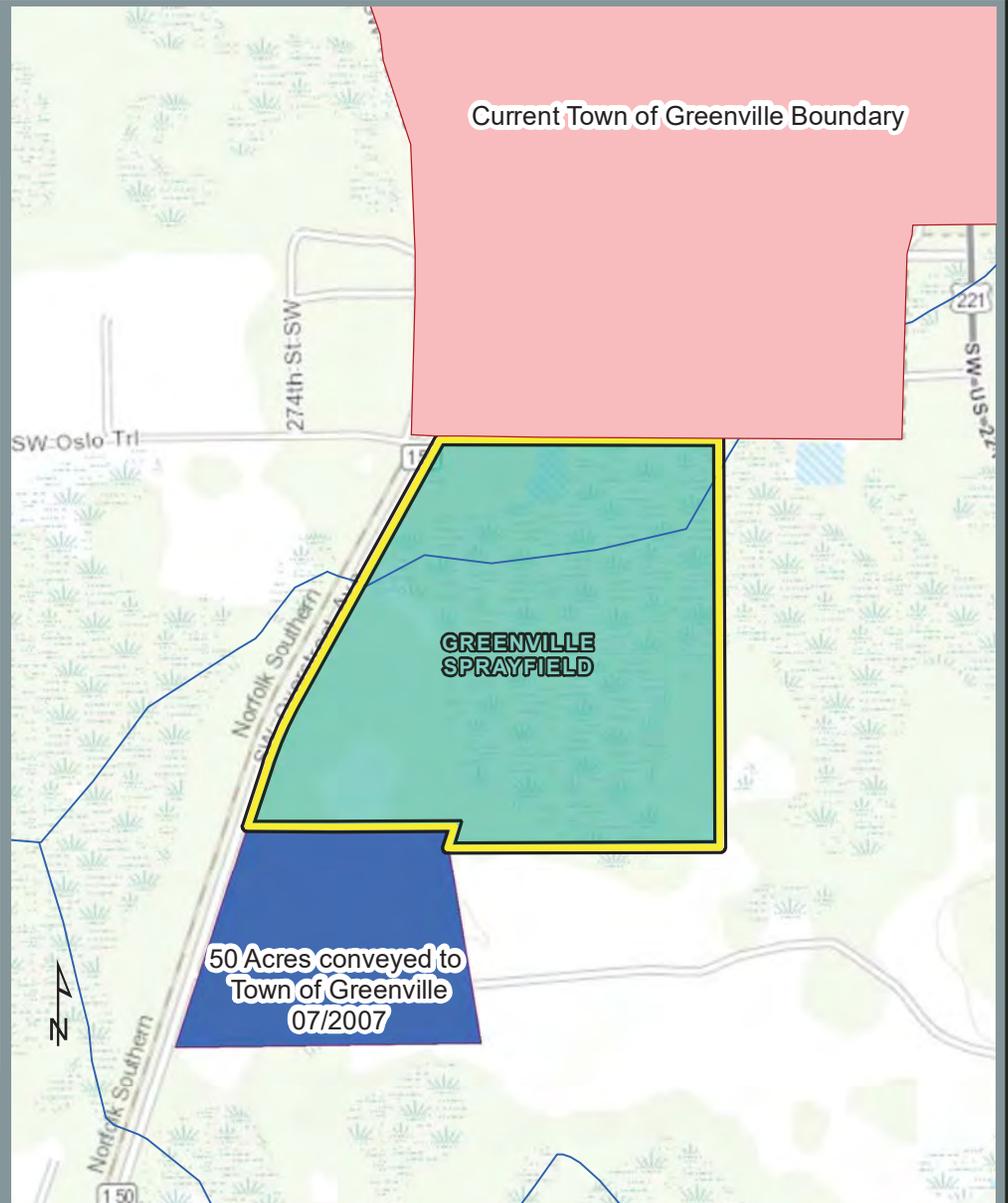
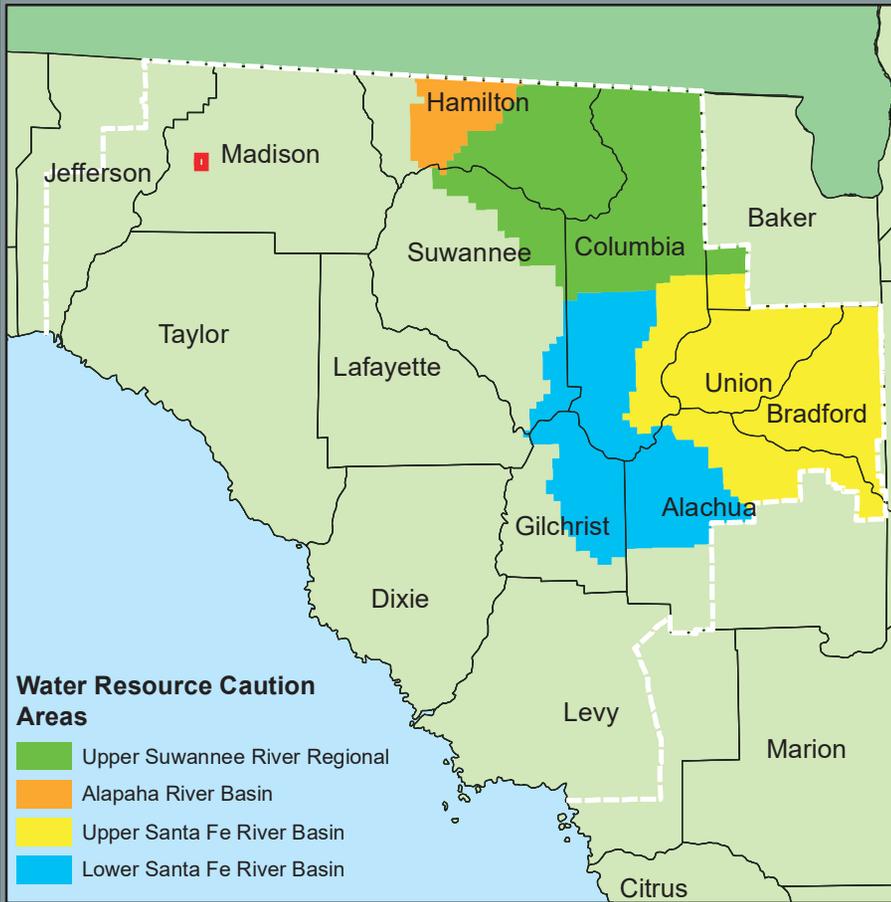
FEB 17 2017

AO 15

An Excellent Place to Live and Work

ORIGINAL TO FILE _____
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LMII-RS-nv

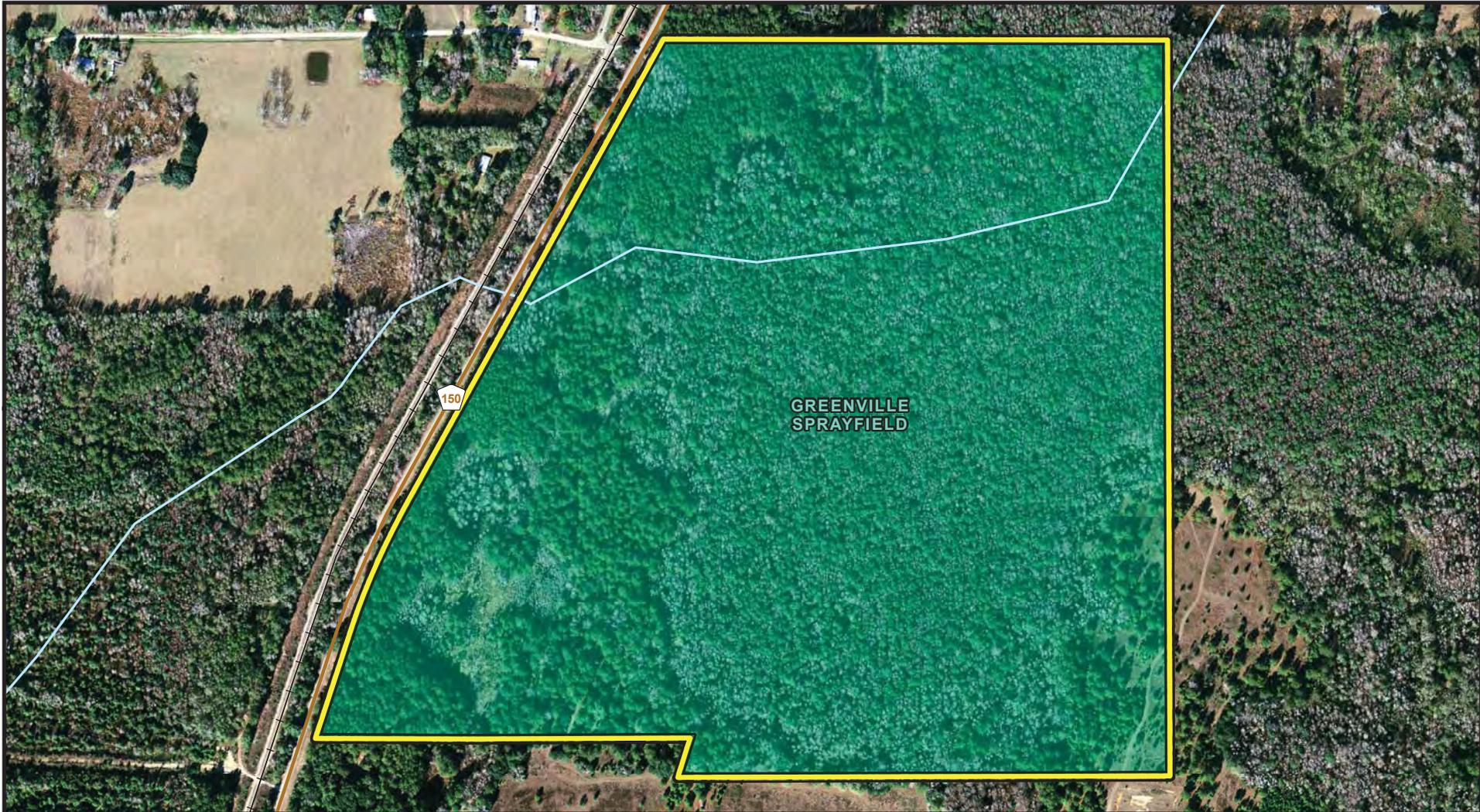
Town of Greenville Surplus Request Location Map



- Current Town of Greenville Boundary
- Project Boundary
- SRWMD Ownership
- SRWMD Boundary

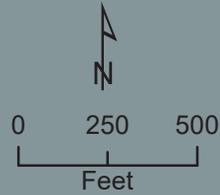


Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001.
Map Created 3/13/2017

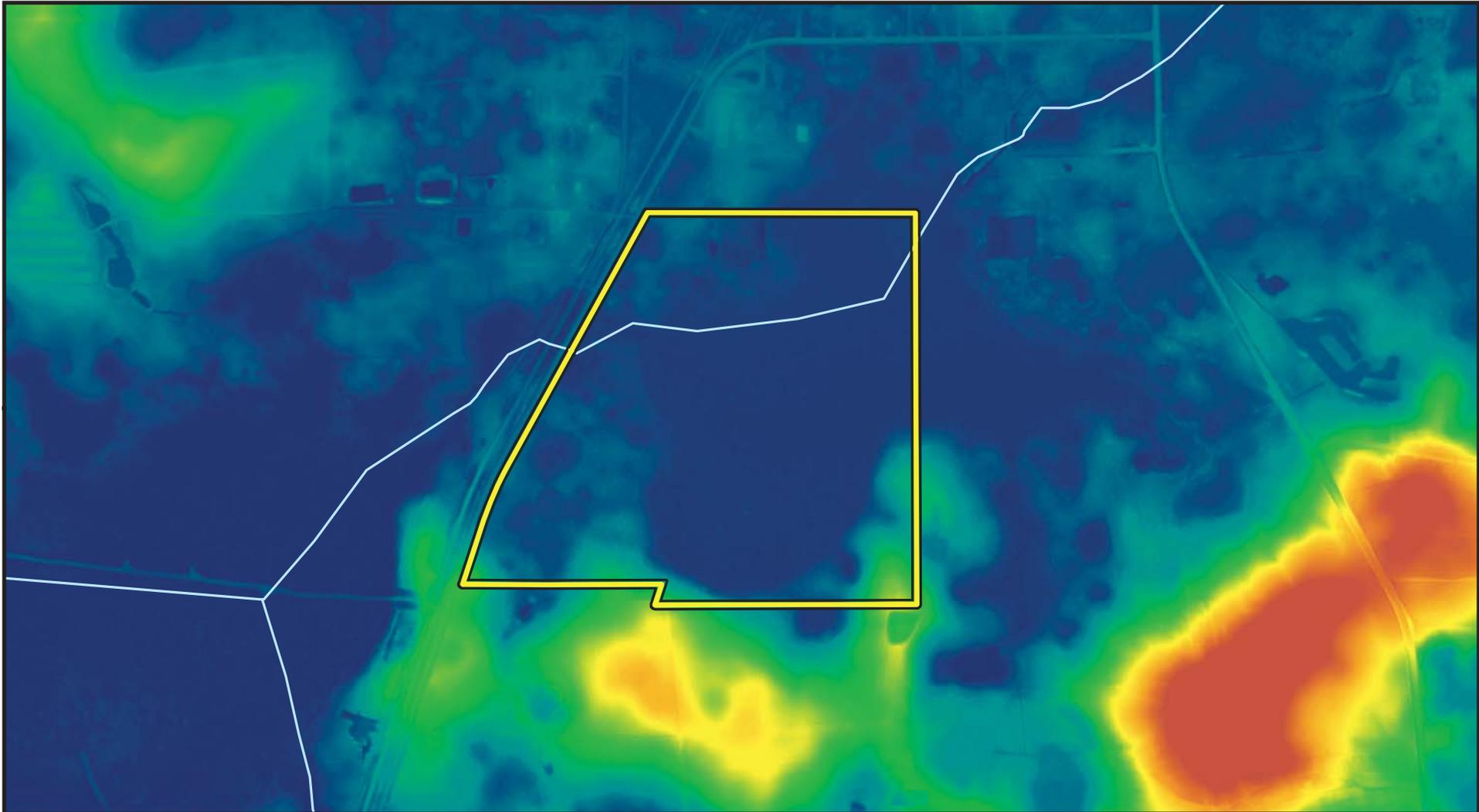


-  Project Boundary
151 Acres +/-
-  RailRoads
-  County Roads
-  SRWMD Proposed Acquisitions
-  SRWMD Conservation Ownership
-  SRWMD Ownership

Town of Greenville Surplus Request Property Overview



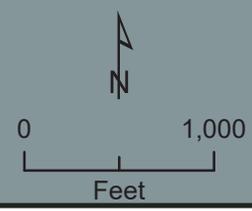
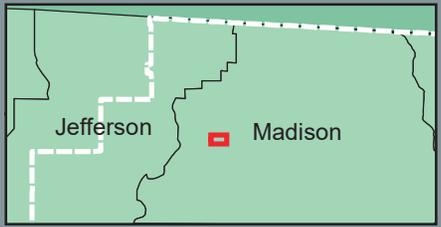
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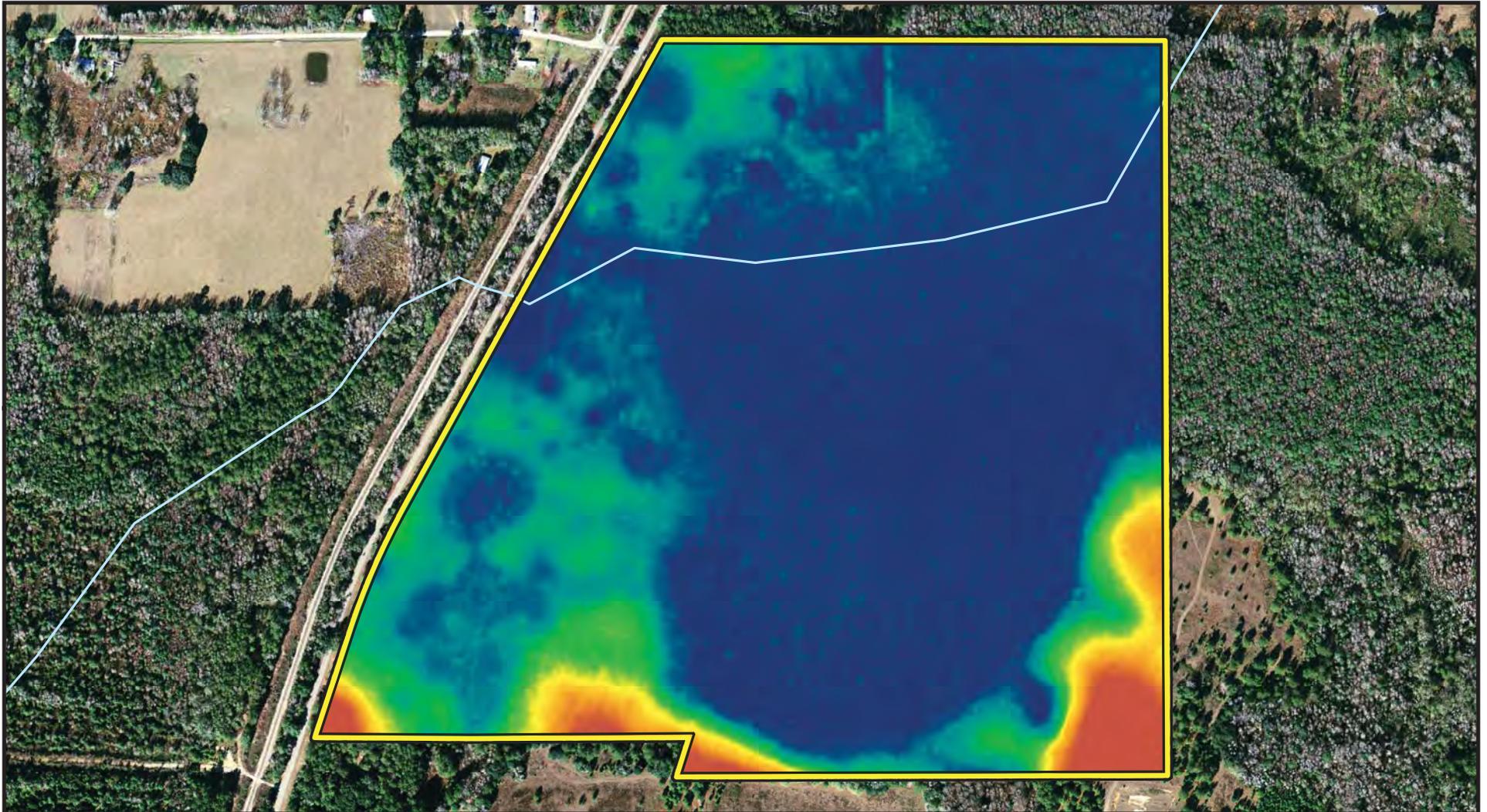
-  Project Boundary
-  Rivers and Streams
- Land Surface Elevation**
-  High : 158'
- Low : 86'

(Vertical Datum NAVD88-
Units US Feet)
Note: Elevations displayed are
derived from LiDAR Data.

Town of Greenville Surplus Request LiDAR Overview



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created 3/13/2017



-  Project Boundary
-  Rivers and Streams

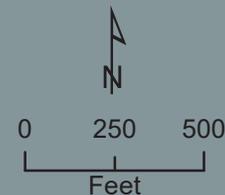
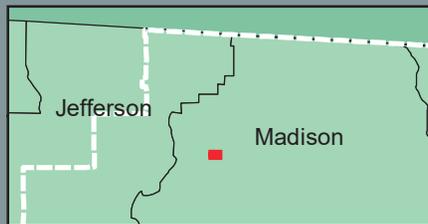
Land Surface Elevation
 High : 115'

 Low : 85'

(Vertical Datum NAVD88-
 Units US Feet)

Note: Elevations displayed are
 derived from LiDAR Data.

Town of Greenville Surplus Request LiDAR DEM Property

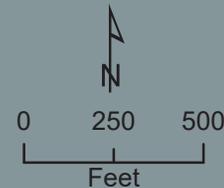


Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created 3/13/2017



-  Project Boundary
-  Rivers and Streams
-  Floodplain Protection - 76%

Town of Greenville Surplus Request Floodplain Protection

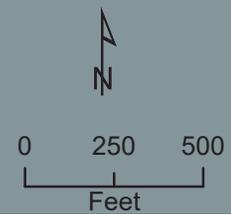


Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created 3/13/2017



-  Project Boundary
-  Surface Water Protection 63%
-  Rivers and Streams

Town of Greenville Surplus Request Surface Water Protection



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001. Map Created 3/13/2017

MEMORANDUM

TO: Governing Board
FEOM: Roary E. Snider, Esq., Chief of Staff
DATE: March 31, 2017
RE: Approval of City of Cedar Key Annexation Request

RECOMMENDATION

District staff recommends the Governing Board approve the annexation request from the City of Cedar Key.

BACKGROUND

The City of Cedar Key has commenced the initial steps for annexation of parcels of land contiguous to the city. The approval of landowners holding a majority of the acreage is required for the annexation to proceed. The City has thus requested the District, as an affected landowner, to consent to the annexation.

This annexation will not affect the District's current Payment in Lieu of Taxes (PILT) liabilities.

RS/rl
Attachment



City of Cedar Key

Phone (352) 543-5132
Fax (866) 674-2419

PO Box 339
Cedar Key, FL 32625

December 22, 2016

RECEIVED
SRWMD

DEC 29 2016

Noah Valenstein
Executive Director
Suwannee River Water Management District
9225 CR 49
Live Oak, Florida 32060

ORIGINAL TO FILE _____
COPIES TO _____

Re: City of Cedar Key Annexation

Dear Mr. Valenstein:

The City Commission of the City of Cedar Key, Florida has commenced the initial steps for annexation of parcels of land situated south of the Number 4 channel which have never been incorporated into the municipal boundaries of the City. The resulting goal is to obtain a reasonably compact area which constitutes the municipality, thereby facilitating the delivery of municipal services and clarifying jurisdictional responsibilities of the various government entities which currently provide public services within the area.

The Florida Statute governing annexation require that the City obtain the preliminary consent of landowners who control at least 50% of the acreage within the area under consideration. Your agency appears to have ownership of the following parcels:

00450-000-00, 00355-000-00, 19312-001-00, 00451-000-00, 19310-000-00, 19287-000-000, 19309-000-00, 19295-000-00, 19294-000-00, 19284-000-00, 19280-000-00, 19300-000-00, 19283-000-00, 19275-000-00, 19305-000-00, 19304-000-00, 19301-000-00, 19288-000-00, 19281-000-00, 19308-000-00, 19279-000-00, 19307-000-00, 19289-000-00, 19277-000-00, 19286-000-00, 19282-000-00, 19285-000-00, 19276-000-00, 19306-000-00, 19296-000-00, 19278-000-00, 19303-000-00, 19302-000-00, 19299-000-00, 19298-000-00, 19297-000-00, 19293-000-00, 19292-000-00, 19291-000-00, and 19290-000-00.

The City is requesting your consent, evidenced by authorized signature below, to the inclusion of the listed parcels in the annexation process.

Please feel free to contact the City with any questions regarding this request.

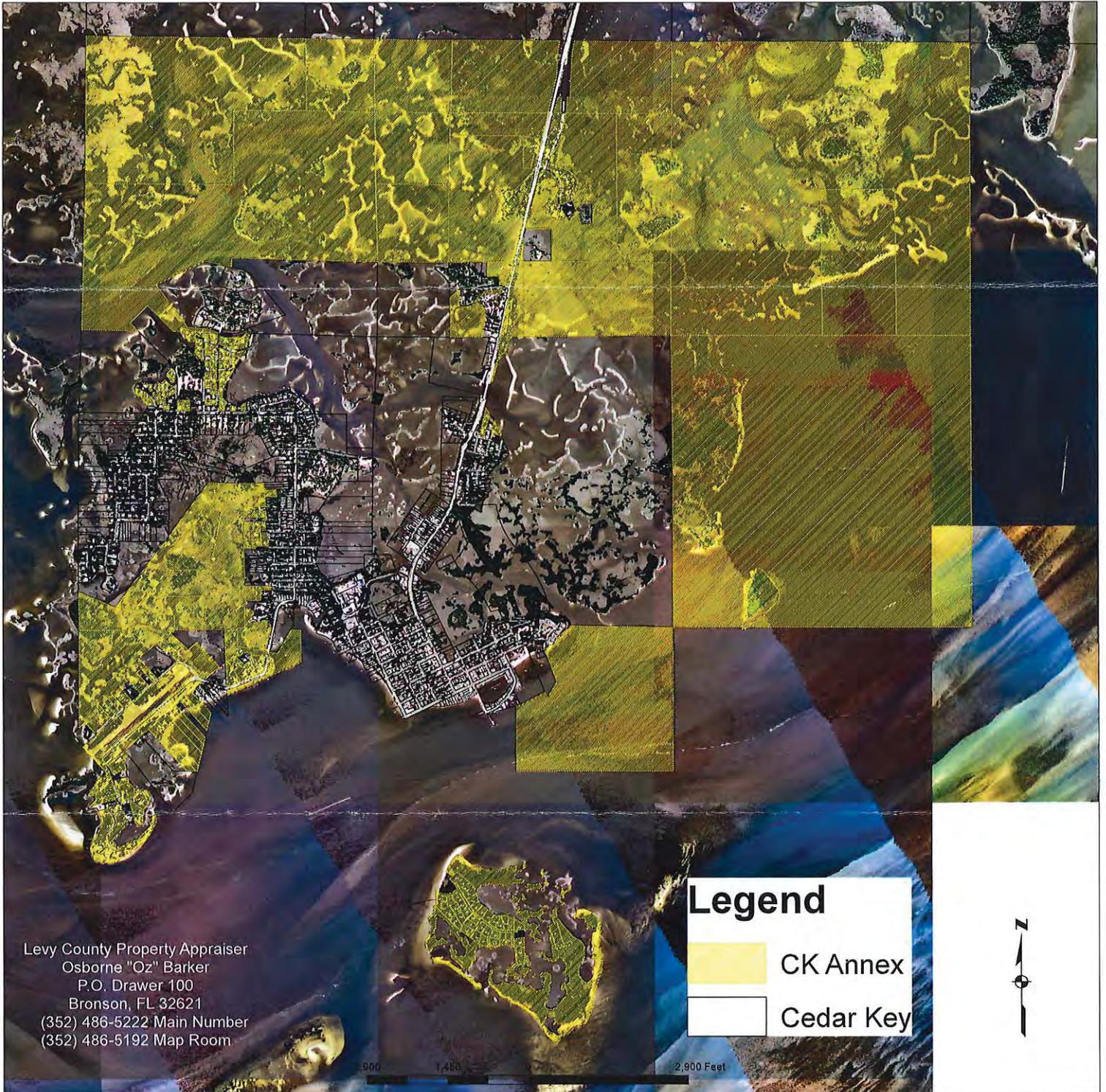
Sincerely,

Heath M. Davis, Mayor

Suwannee River Water Management District by:

Signature

Name & Title



MEMORANDUM

TO: Governing Board

FROM: Roary E. Snider, Esq., Chief of Staff

DATE: March 31, 2017

RE: Approval of contract with TSI Disaster Recovery, LLC for Design and Construction Services for river access improvements and resource protection for Fiscal Year 2017.

RECOMMENDATION

Staff recommends the Governing Board authorize the Executive Director to execute a contract for Design and Construction Services with TSI Disaster Recovery, LLC for an amount not to exceed \$60,000.

BACKGROUND

Suwannee River Water Management District (District) lands are managed under a multiple-use policy that emphasizes water resource protection, maintenance and restoration of the land's natural state and condition, and provisions for public access and recreation. With the majority of these lands located along waterbodies the public have many opportunities to explore and enjoy our rivers, streams, springs and lakes however the blending of public use at some of our river access locations can be challenge. Both District staff and the public have recognized that overtime public use at some of our river access locations has caused areas to become susceptible to erosion. Based on preliminary reviews by District staff majority of the concerns are considered small to medium scale. With minor facility improvements and erosion control measures the District can further protect its valuable water resources while maintaining public access to our waterbodies.

February 3, 2017 District staff released RFP 16/17-012AO for firms to provide Design and Construction Services for five District river access locations along the Steinhatchee River. The general purpose of the request was to obtain design and cost estimates from firms with the ability to produce small scale structures and improvements that would reduce the degradation in those areas while maintain the current public access. TSI Disaster Recovery, LLC based in Saint Cloud, Florida was the only respondent to the request.

A selection team composed of Tim Sagul, Patrick Webster, and Marc Minno met on March 16, 2017 to review the proposal. The team discussed the type of projects that the firm would be working on, the estimated project costs, project proposal summaries, references, and past work. The team agreed that the firm appeared to have the capability of perform the requested

services, the project cost schedule and project ideas were appropriate, and their overall proposal was satisfactory.

The principal for TSI Disaster Recovery, LLC is Henry Elmore, MGMR, located in St. Cloud, Florida. Funding for this contract is available in the Land Management budget.

Wvm/pf

MEMORANDUM

TO: Governing Board
FROM: Roary Snider, Chief of Staff, Administration and Operations
DATE: March 31, 2017
SUBJECT: District Land Management & Twin River State Forest (TRSF) Activity Summary

The attached report summarizes the status of current District and TRSF activities for the preceding month. District staff may address any items of interest to the Board or provide information to Board members upon request.

District staff has been meeting with the Suwannee Valley Back Country Horsemen Association. The meetings are to discuss a partnership to improve and enhance equestrian trails on District lands. The group will provide volunteers to assist with the maintenance of the trails.

District staff has updated and replaced six kiosk panels.

Withlacoochee Quail Farms tract is now open to the public. Two parking areas are available, one in the upland area and one near the river.

Suwannee Bicycle Association held their annual IDIDARIDE (50-mile off-road challenge ride) in January with 330 participants and 30 volunteers. They rode the Stephen Foster, White Springs, Gar Pond, Little Shoals, Falling Creek, Barnett, and Big Shoals tracts. The participants were from the following states: Alabama: 3, Arizona: 2, Florida: 240, Georgia 62, Illinois: 1, Massachusetts: 2, Michigan: 1, North Carolina: 5, and Tennessee: 4.

Florida Extreme Adventures sponsored the Heartbreaker Adventure Race with 88 participants and 5 volunteers. The race was held out of Hart Springs and used the Lindsey and Suwannee Street tracts on the Lower Suwannee.

There are two adventure races in the planning stages for the Upper Suwannee this summer and Suwannee Bicycle Association will host the Spring Pedal & Paddle in May.

The Florida Wildlife Corridor Expedition filmed a portion of Oscar Psychic's hike on the Florida National Trail at Holton Creek Tract. He hiked from Gainesville to Tallahassee promoting Florida Wild.

Florida Forest Service flew a Southern Pine Beetle surveillance flight along the upper Suwannee, Withlacoochee and Alapaha Rivers. No areas of concern were noted.

In Fiscal Year 2017 the District received funding from the Florida Forest Service and the U.S. Fish and Wildlife Service to conduct vegetation management treatments on the Mallory Swamp tract in Lafayette County. This funding will be applied toward roller chopping approximately 2,000 acres on this site. To date, contractors have successfully roller-chopped approximately 1,319 acres

TRSF staff worked with NWTF biologist to acquire grant funding for hardwood competition control in upland pine longleaf plantations. (ongoing)

TRSF staff worked on the boundary line maintenance on the Nekoosa Tract (50% completed)

TRSF staff completed 292 acres of timber inventory on the Withlacoochee tract (100% completed).

TRSF staff completed evaluation of Tract entrance signs and 911 addresses on all tracts. They will be updating all signage as necessary.

/pf

District Prescribed Fire Report

Summary Table FY 2017

	2017 Target Acres	Acres Complete
SRWMD	11,000	4,772
FFS TRSF	2,000	459
TOTAL	13,000	5,231

Contractors conducting prescribed burns on Suwannee River Water Management District (District) lands this year include: Attack-1 Fire Management (ATK-1), B&B Dugger (B&B), Natural Resource Planning Services (NRPS), Schmidt Reforestation Services (SRS), and Wildland Fire Services (WFS). Also included in this report are the acres the Florida Forest Service burns on Twin Rivers State Forest (FFS TRSF). When available, the Florida Forest Service (FFS COOP) will also provide a crew to burn additional acres on both District tracts and Twin Rivers State Forest.

FY 2017 Activity Table (2/14 - 3/16)

TRACT	COUNTY	B&B	NRPS	WFS	SRS	ATK-1	FFS COOP	FFS TRSF	Total Acres	Total Wildfire Acres
Cuba Bay	Madison	262								
Steinhatchee Springs	Lafayette		389							
Mallory Swamp	Lafayette			1,100						
Cabbage Creek	Taylor			445						
Mill Creek South	Madison							158		
<i>Sub-total for Period</i>		262	389	1,545	0	0	0	158	2,354	0.00
<i>Previous Acres Burned</i>		885	731	0	399	0	561	301		
Total Acres		1,147	1,120	1,545	399	0	561	459	5,231	

District Timber Sales

- Steinhatchee Springs #16 contract was executed and preharvest meeting was held on January 11, 2016. Harvesting started on May 27, 2016. Harvesting was suspended on August 8, 2016 due to flooding. The harvest restarted on October 6, 2017. The contract was extended due to wet weather from TS Colin and Hurricane Hermine. The sale is now complete and contract closed out.
- Mattair Springs #4 preharvest meeting was held on February 19, 2016 and harvesting commenced on that same day. 100% of the pine has been harvested. The crew has moved off until the hardwood chips can be harvested. The contract has been extended.
- Contracts have been executed on Steinhatchee Springs #17 and #18. Soils are too wet for harvest.

Tract	Contract	Acres	Tons Harvested	Revenue	Status	Contract End Date
Steinhatchee Springs #16	15/16-046	422	14,758	\$426,292.68	Harvest Complete	December 30, 2016*
Mattair Springs #4	15/16-056	196	4,675	\$86,486.93	Harvest Stopped	May 31, 2017
Steinhatchee Springs #17	16/17-085	303			Harvest Suspended	January 20, 2018
Steinhatchee Springs #18	16/17-086	208			Harvest Suspended	January 20, 2018

Consultants are preparing timber sales for Blue Sink and White Springs Tracts to reduce risk factors associated with potential Southern Pine Beetle infestations.

District Conservation Easement Monitoring

- Conservation Easement inspections for Hancock Otter Creek and Cedar Hammock and Weyerhaeuser Gainesville Wellfield tracts were completed. Inspection Reports are being drafted.
- A meeting was held with Lyme Timber and State DEP regarding the State Conservation Easement with Lyme Timber in Dixie County that the District will monitor. DEP will provide more guidance but the initial inspection will be planned for the end of 2017.
- Staff is working with Loncala to revise the exhibit maps at Montechoa.
- Staff inspected the California Swamp easement with Campbell Global on March 17, 2017.

Twin River State Forest Timber Sales

Contracts have been executed on Mill Creek South#9 and Ellaville #14.

Tract	Contract	Acres	Tons Harvested	Revenue	Status	Contract End Date
Mill Creek South #9	16/17-083	95			Contract executed	January 20, 2018
Ellaville #14	16/17-084	99			Contract executed	January 20, 2018

Additional timber sales to reduce risks associated with Southern Pine Beetle in loblolly pine stands are being planned for the Ellaville Tract and the Pot Springs Tract.

MEMORANDUM

TO: Governing Board
 FROM: Roary E. Snider, Esq., Chief of Staff
 DATE: March 31, 2017
 RE: Land Acquisition and Disposition Activity Report

Approved for Detailed Assessment

Owner	Project Name	Acres	County	Comments
Michael and Freda Shaw	Shaw Conservation Easement Exchange	1,099	Lafayette	Negotiations are in progress.
Rock Bluff Spring Co., LLC	Rock Bluff Springs	173	Gilchrist	Governing Board Approved continuation of detailed assessment and negotiations on 11/8/2016. Owner performing appraisal.
SRWMD	Sandlin Bay Sale/Exchange to U.S. Forest Service	2,023	Columbia	USFS Staff received authorization to proceed with purchase March 1, 2017subject to appraisal update.
BTG Pactual MoDOT Tract	Camp Blanding Buffers BTG Pactual	630+/-	Bradford	North Florida Land Trust (NFLT) purchased tract. Staff to work with NFLT on WRD project.
Jerry Coker, etal	Lumber Camp Springs	37 +/-	Gilchrist	Title Issue regarding access being resolved. Contract will be presented to GB upon resolution.
Ware Forest, LLC	Ware Forest	160 +/-	Jefferson	Timber Cruise and Appraisal Complete. Negotiations underway.
Tim Walker, Etal	Tim Walker Conservation Easement	90 +/-	Lafayette	Governing Board Approved detailed assessment and negotiations on 11/8/2016

Authorized for Surplus

Tract	Acres	County	Acquired Date	Funding Source	Appraisal Date	Listing Date	Price	Comments
Alligator Lake	43	Columbia	8/10/2001	P2000	N/A	N/A	N/A	Columbia County to complete requirements of Interlocal Agreement. Alligator Creek Tract will be conveyed to County upon confirmation of completion.
Falmouth North (8 lots)	6	Suwannee	04/1998	WMLTF	8/27/2010	11/18/10	Fee entire tract \$34,930	Listing agreement expired, but available for sale.

Tract	Acres	County	Acquired Date	Funding Source	Appraisal Date	Listing Date	Price	Comments
Timber River	1	Madison	03/1998	WMLTF	8/5/2010; Updated 7/30/2014	11/18/10	Fee entire tract \$6,950	Listing agreement expired, but available for sale.
Turtle Spring Surplus Tract	32	Lafayette	5/13/2015	Florida Forever	5/24/2015	N/A	\$85,000 (\$67,000 for Acreage Parcel, &18,000 for Subdivision Lot)	Appraisal is complete. Available for purchase or Exchange
Branford Bend	50	Lafayette	6/30/2004	Florida Forever Bonds	ITB in Process	N/A	To be determined by appraisal.	Survey of Surplus Tract Underway.
RO Ranch West	570	Lafayette	7/27/2006	Florida Forever Bonds	To be ordered if Surplus Activities resume.	N/A	To be determined by appraisal	Governing Board approved surplus on 8/11/2015. Surplus Activities suspended until March 8 th 2017.
Columbia County Surplus	78 +/-	Columbia	07/2015	Enforce ment Action	ITB in Process	N/A	To be determined by appraisal	Governing Board approved surplus on 7/12/2016
Horseshoe Beach Wellfield Tract	98 +/-	Dixie	07/2011	Florida Forever Bonds	N/A for Conveyance to Govt. Entity	N/A	N/A	Governing Board approved surplus on 7/12/2016

Authorized for Exchange

Tract	Acres	County	Acquired Date	Funding Source	Appraisal Date	Listing Date	Price	Comments
Shingle Landing and 47 Bridge	0.81 & 3.87	Gilchrist	10/17/95 & 02/15/00	P2000	N/A	N/A	N/A	Exchange Completed.

/kr

MEMORANDUM

TO: Governing Board

FROM: Tom Mirti, Director, Division of Water Resources

DATE: March 31, 2017

RE: Authorization for the Executive Director to Execute a Task Work Assignment with Huss Drilling, Inc. for Well Construction and Associated Hydrogeological Testing

RECOMMENDATION

Staff recommends the Governing Board authorize the Executive Director to execute Task Work Assignment No. 3 to Huss Drilling, Inc., for well construction and associated hydrogeological testing throughout the District for an amount not to exceed \$222,050.

BACKGROUND

At the September 8, 2015, Governing Board Meeting, the Board approved a list of qualified well drilling contractors and enter into multi-year contracts with each qualified contractor. The list identified three qualified contractors: Partridge Well Drilling Company, Inc., of Jacksonville, Florida, Huss Drilling, Inc., of Dade City, Florida, and A.C. Schultes of Florida, Inc., of Gibsonton, Florida. Contracts have been established with each contractor and an Invitation to Bid (ITB 16/17-013WR) for Task Work Assignment No. 3 was sent to each of three qualified contractors on March 17, 2017.

On March 31, 2017, timely bid responses were opened at District headquarters in Live Oak. Huss Drilling, Inc., submitted the lowest bid to conduct the work at \$222,050. All bid responses are tabulated below:

Bidder	Task Work Authorization No. 3 Proposed Bid Amount
A.C. Schultes of Florida, Inc.	No bid submitted
Huss Drilling, Inc.	\$222,050
Partridge Well Drilling Company, Inc.	Bid received late

Upon finalization of Task Work Assignment No. 3 with the approved low bidder, staff and the District Contractor, Barnes, Ferland and Associates, will schedule drilling and geotechnical work at identified well sites as soon as is practical. Funding for this recommendation is included in the Fiscal Year 2017 budget under fund code 01-2586-2-1200-27.

THM/pf

MEMORANDUM

TO: Governing Board

FROM: Tom Mirti, Division Director, Water Resources

DATE: March 31, 2017

RE: Agricultural Water Use Monitoring Report

BACKGROUND

In September 2012, the District began a program of water use monitoring for agricultural water use reporting on wells of 8" diameter or greater. Where possible, agricultural water use is estimated using monthly power consumption records provided by the electrical power provider. Estimation by power use is the most cost-effective method of water use reporting. To date, farmer agreements authorizing the District to receive power usage reports directly from the cooperatives are in effect on 519 (103.1 MGD) monitoring points.

Not all withdrawal points are suitable for estimation using power consumption. Diesel-powered pumps and complex interconnected irrigation systems still require direct methods of monitoring. The District employs telemetry to conduct water use monitoring on diesel-power systems. There are currently 280 (50.8 MGD) telemetry (only) systems installed by the District for this purpose. There are another 44 telemetry systems installed at electric use monitoring sites in order to QA the monthly power consumption records, for a total of 324 telemetry systems installed.

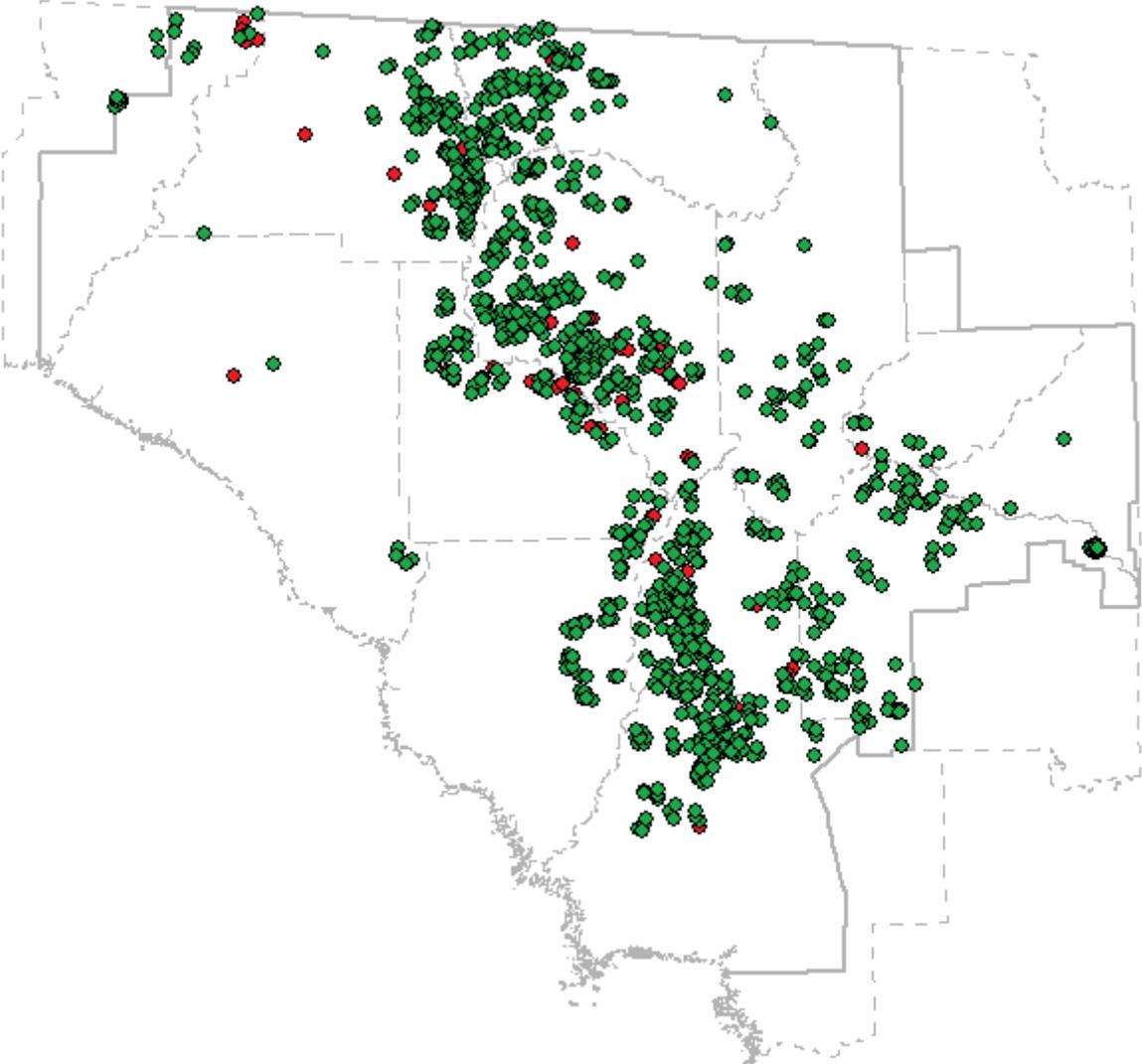
Some withdrawal points have very limited use and are monitored by individual site visits. There are currently 302 (22.6 MGD) limited use monitoring points in the District. Some users monitor their own water use and report that data to the District. There are currently three (0.4 MGD) self-monitored points.

To date, the District has permitted 1,395 (211.9 MGD) irrigation wells which include a water use monitoring condition, of which 1,164 (184.4 MGD) wells are active, i.e., the wells have been drilled already. Of the 1,164 active wells, 1,104 (176.8 MGD) are being monitored as of March 31, roughly 94.8% of existing active wells (95.9% of allocation) with water use permit monitoring conditions.

Of the remaining estimated 60 (7.7 MGD) active stations that currently will require water use monitoring, three (0.7 MGD) are diesel- or gas-powered systems requiring District telemetry, 50 (6.4 MGD) are electric systems, and seven (0.5 MGD) systems still require identification. There are 231 (27.5 MGD) proposed stations (that is, the wells are yet to be drilled); 48 (4.1 MGD) are expected to be diesel or gas, 128 (18.8 MGD) are expected to be electric, and 56 (4.7 MGD) are yet to be determined.

TM/pf

Figure 1. Current Agricultural Irrigation Wells with a Monitoring Requirement

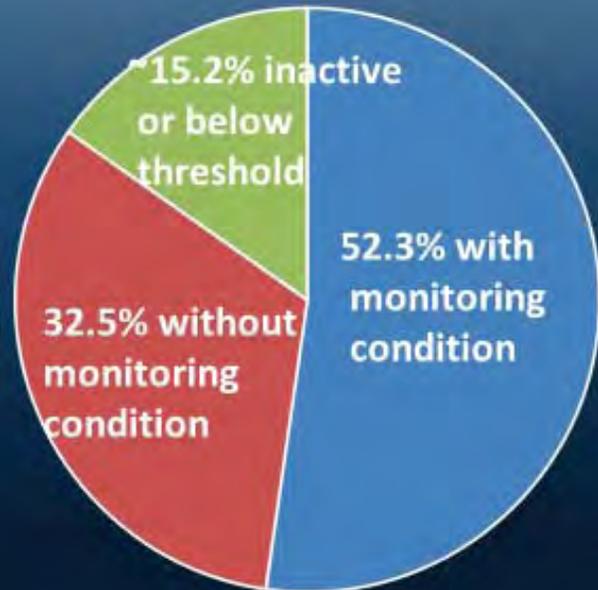


SRWMD Agricultural Water Use Status

Backlog of Current Permits
with Monitoring Condition
4.1%



Agricultural Water Use
Allocation Breakdown



MEMORANDUM

TO: Governing Board

FROM: Tim Sagul, P.E., Division Director, Resource Management

DATE: March 31, 2017

RE: Approval of a Modification of Water Use Permit 2-041-220558-2, with a 0.0434 mgd Increase in Allocation and a Six-Year Permit Extension, Authorizing the Use of 0.0694 mgd of Groundwater for Agricultural Use at the Rantz and Stephanie Smith Farm Project, Gilchrist County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-041-220558-2 with seventeen standard conditions and eight special limiting conditions, to Rantz Smith, in Gilchrist County.

BACKGROUND

This is a modification of an existing agricultural water use to update irrigated acreage and receive a six-year permit extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 88 controlled acres and is located on CR 344, 5.5 miles northwest of Trenton in Gilchrist County. Either 85 acres of watermelons will be irrigated using groundwater from two wells through drip irrigation, or 45 acres of corn, peanuts, and oats will be irrigated through one center pivot. Groundwater is also used to provide the water needs of approximately 40 head of cattle. The WUPAR and GWRAPPS models were used determine the supplemental irrigation requirements, and the application review resulted in a 0.0434 mgd increase in allocation, from 0.0260 mgd to 0.0434 mgd in 1-in-10-year drought conditions.

All wells eight inches and larger in diameter (2 of 2) will be monitored using electrical consumption. There are no lower quality water sources currently available for use, no reports of interference from previous withdrawals, and no harm to water resources associated with withdrawals at this project. The project area is not located within a Water Resource Caution Area.

Staff has determined the proposed withdrawals will not contribute to a violation of MFLs adopted in Chapters 62-42 and 40B-8, Florida Administrative Code (F.A.C.). The application is complete and satisfies the conditions for issuance in Chapter 40B-2, F.A.C.

/tm

WATER USE TECHNICAL STAFF REPORT
31-Mar-2017
APPLICATION #: 2-041-220558-2

Owner: Rantz Smith
4839 SW CR 344
Trenton, FL 32693
(352) 221-0907

Applicant: Rantz Smith
4839 SW CR 344
Trenton, FL 32693
(352) 221-0907

Agent: Not Applicable

Compliance Contact: Rantz Smith
4839 SW CR 344
Trenton, FL 32693
(352) 221-0907

Project Name: Rantz & Stephanie Smith Farm
County: Gilchrist

Located in WRCA: No
Objectors: No

Authorization Statement:

The permittee is authorized to withdraw a maximum of 0.0688 mgd of groundwater for supplemental irrigation of watermelon/ rye, a maximum of 0.0585 mgd of groundwater for supplemental irrigation of corn/ rye, or a maximum of 0.0375 mgd of groundwater for supplemental irrigation of peanuts/ rye. The permittee is also authorized to withdraw a maximum of 0.0006 mgd of groundwater for livestock watering.

Recommendation: Approval

Reviewers: Tim Sagul; Stefani Leavitt; Warren Zwanka

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
0.0694	0.0000	0.0434

Recommended Permit Duration and Compliance Reporting: 6-year permit extension to expire April 11, 2037.

USE STATUS: This is a modification of an existing agricultural use to add irrigated acreage, automated monitoring of groundwater withdrawals, and receive a 6-year permit extension.

PROJECT DESCRIPTION:

This project is located on CR-344 approximately five and a half miles northwest of Trenton in Gilchrist County and consists of 88 controlled and 85 irrigated acres. Groundwater from one existing and one proposed well will be used to irrigate 85 acres of watermelons on drip or 45 acres of a corn/ rye or peanut/ rye rotation through one center pivot. Groundwater will also be used to provide the livestock watering requirements for approximately 40 head of beef cattle.

The permittee has elected to provide electrical consumption to comply with the water use reporting requirements of special condition 18.

WATER USE CALCULATIONS:

The District's WUPAR model was used to calculate the 15.61 inches/ year of supplemental irrigation for corn grown from March 1st to August 15th. The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Peanuts grown from April 10 to October 31: 9.32 inches/ year
Watermelon grown from March 1 to June 21: 9.01 inches/ year
Rye grown from November 1 to March 1: 1.87 inches/ year

The livestock water demand was determined using the industry standard 15 gallons per cow per day.

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and Section 40B-2.301, Florida Administrative Code (F.A.C.), require an applicant to establish that the proposed use of water:

- (a) is a reasonable-beneficial use;
- (b) will not interfere with any presently existing legal use of water; and
- (c) is consistent with the public interest.

In addition, the above requirements are detailed further in the District's Water Use Permitting Applicant's Handbook ("A.H."). District staff has reviewed the water use permit application pursuant to the above-described requirements and have determined that the application meets the conditions for issuance of this permit. Highlights of the staff review are provided below.

**Is this a reasonable–beneficial use?
[ref. 40B-2.301(1)(a)]**

Yes. Based on the evaluation of criteria listed in 40B-2.301(2)(a)-40B-2.301(2)(k), F.A.C.

**Will this use interfere with any presently existing legal use of water?
[ref. 40B-2.301(1)(b)]**

No. Project withdrawals were modeled and showed a simulated Upper Floridan aquifer drawdown of less than 0.5 foot at the project boundary. Additionally, no reports of interference from previous groundwater withdrawals have been received by the district. Therefore, continued groundwater withdrawals at this project are not expected to interfere with any presently existing legal uses of water.

**Will this use be consistent with the public interest?
[ref. 40B-2.301(1)(c)]**

Yes. The use of water for agricultural purposes is consistent with the public interest.

**Will this use be in such a quantity that is necessary for economic and efficient use?
[ref. 40B-2.301(2)(a)]**

Yes. Water use consistent with the aforementioned supplemental irrigation models and industry standards is economic and efficient. The permittee will implement the following water conservation measures for the agricultural uses: checking daily for irrigation leaks and repairing them as needed, using a new or retrofitted pivot system and efficiency testing that system every 5 years to maintain an irrigation distribution uniformity of 80% or greater, burying irrigation pipe to reduce the possibility of damage, ensuring automated end gun shutoffs are working properly and only watering target crops, installing new drip tape each year and maintaining an irrigation distribution uniformity of 90% or greater, scheduling irrigation events based on IFAS or NRCS approved methods as well as using soil moisture probes, maintaining written records of rainfall, employing operational pump shutdown to prevent pump operation in the event of an irrigation system malfunction, planting cover crops in the winter, and irrigating when the wind is less than 5 mph when feasible.

**Will the source of the water be suitable for the consumptive use?
[ref. 40B-2.301(2)(c)]**

Yes. Staff determined the Upper Floridan aquifer is suitable for the consumptive use.

**Will the source of the water be capable of producing the requested amount?
[ref. 40B-2.301(2)(d)]**

Yes. Staff determined the Upper Floridan aquifer is capable of producing the requested amounts.

Except when the use is for human food preparation and direct human consumption, is the lowest quality water source that is suitable for the purpose and is technically, environmentally, and economically feasible being utilized?
[ref. 40B-2.301(2)(e)]

Yes. The lowest quality water source that is suitable for the purpose and that is technically, environmentally, and economically feasible is being utilized.

Will the use harm existing offsite land uses as a result of hydrologic alterations?
[ref. 40B-2.301(2)(f)]

No. The use is not expected to harm offsite land uses.

Will the use cause harm to the water resources of the area that include water quality impacts to the water source resulting from the withdrawal or diversion, water quality impacts from dewatering discharge to receiving waters, saline water intrusion or harmful upconing, hydrologic alterations to natural systems, including wetlands or other surface waters, or other harmful hydrologic alterations to the water resources of the area?
[ref. 40B-2.301(2)(g)]

No. Project withdrawals were modeled and showed a simulated Upper Floridan aquifer drawdown of less than 0.5 feet at the project boundary. There are no wetlands on or proximate to the project, therefore, the continued water use is not expected to cause harm to natural systems or the water resources of the area for the duration of the permit.

Is the use in accordance with any minimum flow or level and implementation strategy established pursuant to Sections 373.042 and 373.0421, F.S.?
[ref. 40B-2.301(2)(h)]

Yes. The proposed withdrawals are in accordance with MFLs and MFL recovery strategies pursuant to Chapters 62-42 and 40B-8, F.A.C.

Will the project use water reserved pursuant to subsection 373.223(4), F.S.?
[ref. 40B-2.301(2)(i)]

No. The project will not use water reserved by the Governing Board pursuant to subsection 373.223(4), F.S.

WITHDRAWAL POINT INFORMATION:

Site Name: Rantz & Stephanie Smith Farm

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
120516	Well No. 1	8	1000	FAS - Upper Floridan Aquifer	Active	Agricultural
130963	House Well	12	--	FAS - Upper Floridan Aquifer	Proposed	Agricultural

Conditions

1. All water uses authorized by this permit shall be implemented as conditioned by this permit, including any documents incorporated by reference in a permit condition. The District may revoke this permit, in whole or in part, or take enforcement action, pursuant to sections 373.136 or 373.243, F.S., unless a permit modification has been obtained. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
2. This permit does not convey to the permittee any property rights or privileges other than those specified herein, nor relieve the permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.
3. The permittee shall notify the District in writing within 30 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and / or related facilities from which the permitted water use is made. Where the permittee's control of the land subject to the permit was demonstrated through a lease, the permittee must either submit documentation showing that it continues to have legal control or transfer control of the permitted system / project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of section 40B-2.351, F.A.C. Alternatively, the permittee may surrender the water use permit to the District, thereby relinquishing the right to conduct any activities under the permit.
4. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to chapter 373, F.S. In the event of a declared water shortage, the permittee must adhere to the water shortage restrictions, as specified by the District. The permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order.

5. With advance notice to the permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The permittee shall either accompany District staff onto the property or make provision for access onto the property.
6. A permittee may seek modification of any term of an unexpired permit. The permittee is advised that section 373.239, F.S., and section 40B-2.331, F.A.C., are applicable to permit modifications.
7. This permit shall expire on **4/11/2037**. The permittee must submit the appropriate application form incorporated by reference in subsection 40B-2.402(8)(a), F.A.C., and the required fee to the District pursuant to section 40B-2.361, F.A.C., up to one year prior to this expiration date in order to continue the use of water.
8. Use classification is **Agricultural**.
9. Source classification is **Groundwater**.
10. The permitted water withdrawal facilities consist of the stations in the Withdrawal Point Information table(s).
11. The permittee must mitigate interference with existing legal uses caused in whole or in part by the permittee's withdrawals, consistent with a District-approved mitigation plan. As necessary to offset such interference, mitigation may include, but is not limited to, reducing pumpage, replacing the existing legal user's withdrawal equipment, relocating wells, changing withdrawal source, supplying water to existing legal user, or other means needed to mitigate the impacts.
12. The permittee must mitigate harm to existing off-site land uses caused by the permittee's withdrawals. When harm occurs, or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
13. The permittee must mitigate harm to the natural resources caused by the permittee's withdrawals. When harm occurs or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
14. If any condition of the permit is violated, the permittee shall be subject to enforcement action pursuant to chapter 373, F.S.

15. The permittee must notify the District in writing prior to implementing any changes in the water use that may alter the permit allocations. Such changes include, but are not limited to, change in irrigated acreage, crop type, irrigation system, water treatment method, or entry into one or more large water use agreements. In the event a proposed change will alter the allocation, permittee must first obtain a permit modification.
16. All correspondence sent to the District regarding this permit must include the permit number **(2-041-220558-2)**.
17. The District reserves the right to open this permit, following notice to the permittee, to include a permit condition prohibiting withdrawals for resource protection.
18. The permittee shall implement automated monitoring of groundwater withdrawals, at permittee's expense, upon commencement of withdrawals. The monitoring and reporting shall include reporting daily volume pumped by each well of inside diameter eight inches or greater at land surface and shall be delivered by 12:00 pm local time the following day via approved telemetry consistent with District data formats. The permittee may opt for a standardized SRWMD automated monitoring system to fulfill this requirement.
19. The permittee shall implement and/or maintain the conservation practices selected in the Water Conservation Plan submitted to the District. Any new practices selected shall be implemented within one year from the date of permit issuance. Practices that involve scheduling methods or maintenance shall be documented. Documentation for implementation and/or maintenance shall be maintained on all practices and available upon request.
20. The permittee shall ensure that the irrigation systems will water target areas only under field operations. Irrigation of non-target areas (roads, woods, structures, etc.) is prohibited.
21. The permittee agrees to participate in a Mobile Irrigation Lab (MIL) program and allow access to the Project Site for the purpose of conducting a MIL evaluation at least once every five years.
22. Following the effective date of the re-evaluated Minimum Flows and Levels adopted pursuant to Rule 62-42.300(1)(e), F.A.C., this permit is subject to modification during the term of the permit, upon reasonable notice by the District to the permittee, to achieve compliance with any approved MFL recovery or prevention strategy for the Lower Santa Fe River, Ichetucknee River, and Associated Priority Springs. Nothing herein shall be construed to alter the District's authority to modify a permit under circumstances not addressed in this condition.

23. The permittee shall install and maintain no less than one backflow prevention device when fertigating and no less than two backflow prevention devices when chemigating on all wells or surface water pumps connected to the irrigation system. The backflow prevention device(s) shall be installed between the water source and the injection point.
24. The permittee is authorized to withdraw a maximum of 0.0688 mgd of groundwater for supplemental irrigation of watermelon/ rye, a maximum of 0.0585 mgd of groundwater for supplemental irrigation of corn/ rye, or a maximum of 0.0375 mgd of groundwater for supplemental irrigation of peanuts/ rye. Daily allocations are calculated on an average annual basis and the maximum allocation is only authorized in 1-in-10 year drought conditions.
25. The permittee is authorized to withdraw a maximum of 0.0006 mgd of groundwater for livestock watering. Daily allocations are calculated on an average annual basis.



Rantz and Stephanie Smith Farm Project

2-041-220558-2

April 2017



- Active Withdrawal Points
- Proposed Withdrawal Points
- Irrigation Systems
- Project Area



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.

MEMORANDUM

TO: Governing Board

FROM: Tim Sagul, P.E., Division Director, Resource Management

DATE: March 31, 2017

RE: Approval of a Modification of Water Use Permit 2-041-221358-2, with a 0.0699 mgd Increase in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.1680 mgd of Groundwater for Agricultural Use at the David A. Key Farm Project, Gilchrist County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-041-221358-2 with seventeen standard conditions and eight special limiting conditions, to David Key, in Gilchrist County.

BACKGROUND

This is a modification of an existing agricultural water use to receive a ten-year extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 162 controlled acres and is located on CR 344, 5.5 miles northwest of Trenton in Gilchrist County. Approximately 128 acres of corn, peanuts, and oats will be irrigated using groundwater from one well through two center pivots and watermelons will be irrigated through drip irrigation. Groundwater is also used to provide the water needs of approximately 100 head of cattle. The WUPAR and GWRAPPS models were used determine the supplemental irrigation requirements, and the application review resulted in a 0.0699 mgd increase in allocation, from 0.0981 mgd to 0.1680 mgd in 1-in-10-year drought conditions.

The single ten inch irrigation well will be monitored using electrical consumption. There are no lower quality water sources currently available for use, no reports of interference from previous withdrawals, and no harm to water resources associated with withdrawals at this project. The project area is not located within a Water Resource Caution Area.

Staff has determined the proposed withdrawals will not contribute to a violation of MFLs adopted in Chapters 62-42 and 40B-8, Florida Administrative Code (F.A.C.). The application is complete and satisfies the conditions for issuance in Chapter 40B-2, F.A.C.

/tm

WATER USE TECHNICAL STAFF REPORT
21-Mar-2017
APPLICATION #: 2-041-221358-2

Owner: David Key
3122 Bent Creek Dr
Valrico, FL 33596-8289
(813) 763-9564

Applicant: David Key
3122 Bent Creek Dr
Valrico, FL 33596-8289
(813) 763-9564

Agent: Rantz Smith
4839 SW CR 344
Trenton, FL 32693
(352) 221-0907

Compliance Contact: Rantz Smith
4839 SW CR 344
Trenton, FL 32693
(352) 221-0907

Project Name: David A. Key Farm
County: Gilchrist

Located in WRCA: No
Objectors: No

Authorization Statement:

The permittee is authorized to withdraw a maximum of 0.1665 mgd of groundwater for supplemental irrigation of corn/ rye, a maximum of 0.1066 mgd of peanuts/ rye, or a maximum of 0.1036 mgd of watermelon/ rye. The permittee is also authorized to withdraw a maximum of 0.0015 mgd of groundwater for livestock watering.

Recommendation: Approval
Reviewers: Stefani Leavitt

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
0.1680	0.0000	0.0699

Recommended Permit Duration and Compliance Reporting: 10-year permit extension to expire February 12, 2037.

USE STATUS: This is a modification of an existing agricultural use to implement automated monitoring of groundwater withdrawals and receive a 10-year permit extension.

PROJECT DESCRIPTION:

This project is located on CR-344 approximately five and a half miles northwest of Trenton in Gilchrist County, and consists of 162 controlled and 128 irrigated acres. Groundwater from one well is used to irrigate a corn/ rye and peanut/ rye rotation through two center pivots, and a watermelon/ rye rotation through drip irrigation. Groundwater will also be used to provide the livestock watering requirements of 100 head of beef cattle.

The permittee has elected to provide electrical consumption to comply with the water use reporting requirements of special condition 18.

WATER USE CALCULATIONS:

The District's WUPAR model was used to calculate the 15.61 inches/ year of supplemental irrigation for corn grown from March 1st to August 15th. The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Peanuts grown from April 10 to October 31: 9.32 inches/ year
Watermelon grown from March 1 to June 21: 9.01 inches/ year
Rye grown from November 1 to March 1: 1.87 inches/ year

The livestock water demand was determined using the industry standard 15 gallons per cow per day.

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and Section 40B-2.301, Florida Administrative Code (F.A.C.), require an applicant to establish that the proposed use of water:

- (a) is a reasonable-beneficial use;
- (b) will not interfere with any presently existing legal use of water; and
- (c) is consistent with the public interest.

In addition, the above requirements are detailed further in the District's Water Use Permitting Applicant's Handbook ("A.H."). District staff has reviewed the water use permit application pursuant to the above-described requirements and have determined that the application meets the conditions for issuance of this permit. Highlights of the staff review are provided below.

Is this a reasonable–beneficial use?

[ref. 40B-2.301(1)(a)]

Yes. Based on the evaluation of criteria listed in 40B-2.301(2)(a)-40B-2.301(2)(k), F.A.C.

**Will this use interfere with any presently existing legal use of water?
[ref. 40B-2.301(1)(b)]**

No. Project withdrawals were modeled and showed a simulated Upper Floridan aquifer drawdown of less than 0.5 foot at the project boundary. Additionally, no reports of interference from previous groundwater withdrawals have been received by the district. Therefore, continued groundwater withdrawals at this project are not expected to interfere with any presently existing legal uses of water.

**Will this use be consistent with the public interest?
[ref. 40B-2.301(1)(c)]**

Yes. The use of water for agricultural purposes is consistent with the public interest.

**Will this use be in such a quantity that is necessary for economic and efficient use?
[ref. 40B-2.301(2)(a)]**

Yes. Water use consistent with the aforementioned supplemental irrigation models and industry standards is economic and efficient. The permittee will implement the following water conservation measures for the agricultural uses: checking daily for irrigation leaks and repairing them as needed, using new or retrofitted pivot systems and efficiency testing those systems every 5 years to maintain an irrigation distribution uniformity of 80% or greater, burying irrigation pipe to reduce the possibility of damage, ensuring automated end gun shutoffs are working properly and only watering target crops, installing new drip tape each year and maintaining an irrigation distribution uniformity of 90% or greater, scheduling irrigation events based on IFAS or NRCS approved methods as well as using soil moisture probes, maintaining written records of rainfall, employing operational pump shutdown to prevent pump operation in the event of an irrigation system malfunction, planting cover crops in the winter, and irrigating when the wind is less than 5 mph when feasible.

**Will the source of the water be suitable for the consumptive use?
[ref. 40B-2.301(2)(c)]**

Yes. Staff determined the Upper Floridan aquifer is suitable for the consumptive use.

**Will the source of the water be capable of producing the requested amount?
[ref. 40B-2.301(2)(d)]**

Yes. Staff determined the Upper Floridan aquifer is capable of producing the requested amounts.

Except when the use is for human food preparation and direct human consumption, is the lowest quality water source that is suitable for the purpose and is technically, environmentally, and economically feasible being utilized?
[ref. 40B-2.301(2)(e)]

Yes. The lowest quality water source that is suitable for the purpose and that is technically, environmentally, and economically feasible is being utilized.

Will the use harm existing offsite land uses as a result of hydrologic alterations?
[ref. 40B-2.301(2)(f)]

No. The use is not expected to harm offsite land uses.

Will the use cause harm to the water resources of the area that include water quality impacts to the water source resulting from the withdrawal or diversion, water quality impacts from dewatering discharge to receiving waters, saline water intrusion or harmful upconing, hydrologic alterations to natural systems, including wetlands or other surface waters, or other harmful hydrologic alterations to the water resources of the area?
[ref. 40B-2.301(2)(g)]

No. Project withdrawals were modeled and showed a simulated Upper Floridan aquifer drawdown of less than 0.5 feet at the project boundary. There are no wetlands on or proximate to the project, therefore, the continued water use is not expected to cause harm to natural systems or the water resources of the area for the duration of the permit.

Is the use in accordance with any minimum flow or level and implementation strategy established pursuant to Sections 373.042 and 373.0421, F.S.?
[ref. 40B-2.301(2)(h)]

Yes. The proposed withdrawals are in accordance with MFLs and MFL recovery strategies pursuant to Chapters 62-42 and 40B-8, F.A.C.

Will the project use water reserved pursuant to subsection 373.223(4), F.S.?
[ref. 40B-2.301(2)(i)]

No. The project will not use water reserved by the Governing Board pursuant to subsection 373.223(4), F.S.

WITHDRAWAL POINT INFORMATION:

Site Name: David A. Key Farm

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
130973	David Key Well	10	--	FAS - Upper Floridan Aquifer	Active	Agricultural

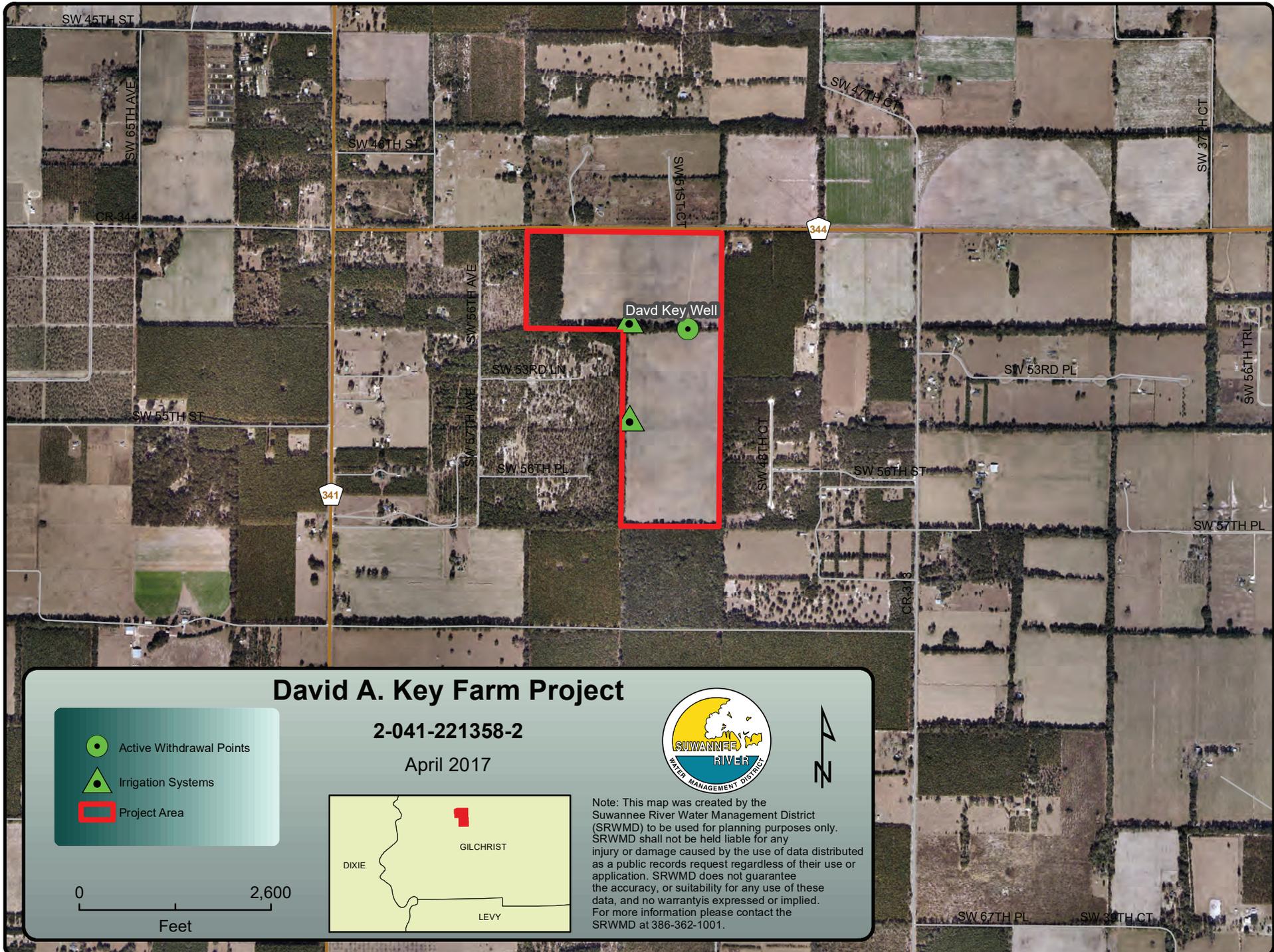
Conditions

1. All water uses authorized by this permit shall be implemented as conditioned by this permit, including any documents incorporated by reference in a permit condition. The District may revoke this permit, in whole or in part, or take enforcement action, pursuant to sections 373.136 or 373.243, F.S., unless a permit modification has been obtained. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
2. This permit does not convey to the permittee any property rights or privileges other than those specified herein, nor relieve the permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.
3. The permittee shall notify the District in writing within 30 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and / or related facilities from which the permitted water use is made. Where the permittee's control of the land subject to the permit was demonstrated through a lease, the permittee must either submit documentation showing that it continues to have legal control or transfer control of the permitted system / project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of section 40B-2.351, F.A.C. Alternatively, the permittee may surrender the water use permit to the District, thereby relinquishing the right to conduct any activities under the permit.
4. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to chapter 373, F.S. In the event of a declared water shortage, the permittee must adhere to the water shortage restrictions, as specified by the District. The permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order.

5. With advance notice to the permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The permittee shall either accompany District staff onto the property or make provision for access onto the property.
6. A permittee may seek modification of any term of an unexpired permit. The permittee is advised that section 373.239, F.S., and section 40B-2.331, F.A.C., are applicable to permit modifications.
7. This permit shall expire on **2/12/2037**. The permittee must submit the appropriate application form incorporated by reference in subsection 40B-2.402(8)(a), F.A.C., and the required fee to the District pursuant to section 40B-2.361, F.A.C., up to one year prior to this expiration date in order to continue the use of water.
8. Use classification is **Agricultural**.
9. Source classification is **Groundwater**.
10. The permitted water withdrawal facilities consist of the stations in the Withdrawal Point Information table(s).
11. The permittee must mitigate interference with existing legal uses caused in whole or in part by the permittee's withdrawals, consistent with a District-approved mitigation plan. As necessary to offset such interference, mitigation may include, but is not limited to, reducing pumpage, replacing the existing legal user's withdrawal equipment, relocating wells, changing withdrawal source, supplying water to existing legal user, or other means needed to mitigate the impacts.
12. The permittee must mitigate harm to existing off-site land uses caused by the permittee's withdrawals. When harm occurs, or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
13. The permittee must mitigate harm to the natural resources caused by the permittee's withdrawals. When harm occurs or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
14. If any condition of the permit is violated, the permittee shall be subject to enforcement action pursuant to chapter 373, F.S.

15. The permittee must notify the District in writing prior to implementing any changes in the water use that may alter the permit allocations. Such changes include, but are not limited to, change in irrigated acreage, crop type, irrigation system, water treatment method, or entry into one or more large water use agreements. In the event a proposed change will alter the allocation, permittee must first obtain a permit modification.
16. All correspondence sent to the District regarding this permit must include the permit number **(2-041-221358-2)**.
17. The District reserves the right to open this permit, following notice to the permittee, to include a permit condition prohibiting withdrawals for resource protection.
18. The permittee shall implement automated monitoring of groundwater withdrawals, at permittee's expense, upon commencement of withdrawals. The monitoring and reporting shall include reporting daily volume pumped by each well of inside diameter eight inches or greater at land surface and shall be delivered by 12:00 pm local time the following day via approved telemetry consistent with District data formats. The permittee may opt for a standardized SRWMD automated monitoring system to fulfill this requirement.
19. The permittee shall implement and/or maintain the conservation practices selected in the Water Conservation Plan submitted to the District. Any new practices selected shall be implemented within one year from the date of permit issuance. Practices that involve scheduling methods or maintenance shall be documented. Documentation for implementation and/or maintenance shall be maintained on all practices and available upon request.
20. The permittee shall ensure that the irrigation systems will water target areas only under field operations. Irrigation of non-target areas (roads, woods, structures, etc.) is prohibited.
21. The permittee agrees to participate in a Mobile Irrigation Lab (MIL) program and allow access to the Project Site for the purpose of conducting a MIL evaluation at least once every five years.
22. Following the effective date of the re-evaluated Minimum Flows and Levels adopted pursuant to Rule 62-42.300(1)(e), F.A.C., this permit is subject to modification during the term of the permit, upon reasonable notice by the District to the permittee, to achieve compliance with any approved MFL recovery or prevention strategy for the Lower Santa Fe River, Ichetucknee River, and Associated Priority Springs. Nothing herein shall be construed to alter the District's authority to modify a permit under circumstances not addressed in this condition.

23. The permittee shall install and maintain no less than one backflow prevention device when fertigating and no less than two backflow prevention devices when chemigating on all wells or surface water pumps connected to the irrigation system. The backflow prevention device(s) shall be installed between the water source and the injection point.
24. The permittee is authorized to withdraw a maximum of 0.1665 mgd of groundwater for supplemental irrigation of corn/ rye, a maximum of 0.1066 mgd of peanuts/ rye, or a maximum of 0.1036 mgd of watermelon/ rye. Daily allocations are calculated on an average annual basis and the maximum allocation is only authorized in 1-in-10 year drought conditions.
25. The permittee is authorized to withdraw a maximum of 0.0015 mgd of groundwater for livestock watering. Daily allocations are calculated on an average annual basis.



David A. Key Farm Project

2-041-221358-2

April 2017



-  Active Withdrawal Points
-  Irrigation Systems
-  Project Area



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.



MEMORANDUM

TO: Governing Board

FROM: Tim Sagul, P.E., Division Director, Resource Management

DATE: March 31, 2017

RE: Approval of a Modification of Water Use Permit 2-121-221458-2, with a 0.4034 mgd Increase in Allocation and an Estimated 0.3575 to 0.6219 mgd of Water Savings from Implementation of Precision Agricultural Management, Authorizing the Use of 1.7613 mgd of Groundwater for Agricultural Use at the PC 12 Farm Project, Suwannee County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-121-221458-2 with seventeen standard conditions and eight special limiting conditions, to PC 12 Ventures, LLC, in Suwannee County.

BACKGROUND

This is a modification of an existing agricultural water use to combine properties, update crop rotations, and implement precision agricultural management. The project consists of 950 controlled acres and is located approximately two miles southeast of SR-51 and twelve miles southwest of Live Oak in Suwannee County. Approximately 855 acres of corn, carrots, peanuts, and oats are irrigated using groundwater from nine wells through eleven center pivots. Watermelons are also irrigated using drip irrigation. The WUPAR and GWRAPPS models were used determine the supplemental irrigation requirements, and the application review resulted in a 0.4034 mgd increase in allocation, from 1.3579 mgd to 1.7613 mgd in 1-in-10-year drought conditions. However, the permitted allocation does not reflect the estimated 0.3575 to 0.6219 mgd of water savings from implementation of a precision agricultural management system not followed by any of this project's previous permittees. This system includes a combination of variable frequency drive pumps that adjust water usage when system demands change, soil moisture sensors, either new or retrofitted pivot irrigation systems, and base station control of all pivots.

All wells 8-inches and larger in diameter (7 of 9) will be monitored using reporting of electrical consumption. There are no lower quality water sources currently available for use, no reports of interference from previous withdrawals, and no harm to water resources associated with withdrawals at this project. The project area is not located within a Water Resource Caution Area. Staff has determined the proposed withdrawals will not contribute to a violation of MFLs adopted in Chapters 62-42 and 40B-8, Florida Administrative Code (F.A.C.). The application is complete and satisfies the conditions for issuance in Chapter 40B-2, F.A.C.

/tm

WATER USE TECHNICAL STAFF REPORT
03-Apr-2017
APPLICATION #: 2-121-221458-2

Owner: Gerry Hall
PC 12 Ventures LLC
PO Box 71288
Albany, GA 31708-1288

Applicant: Same as Owner

Agent: Wiley Jordan
PO Box 71288
Albany, GA 31708-1288

Compliance Contact: Wiley Jordan
PO Box 71288
Albany, GA 31708-1288

Project Name: PC 12 Ventures
County: Suwannee

Located in WRCA: No
Objectors: No

Authorization Statement:

The permittee is authorized to withdraw a maximum of 1.7613 mgd of groundwater for supplemental irrigation of corn/ corn/ rye, 1.4560 mgd of groundwater for supplemental irrigation of corn/ carrot, 0.8383 mgd of groundwater for supplemental irrigation of peanuts/ rye, or a maximum of 0.5515 mgd of groundwater for supplemental irrigation of watermelon/ oats.

Recommendation: Approval
Reviewers: Tim Sagul; Stefani Leavitt; Warren Zwanka

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
1.7613	0.0000	0.4034

Recommended Permit Duration and Compliance Reporting: Permit to expire October 17, 2036.

USE STATUS: This is a split transfer of ownership, combination, and modification of three existing agricultural uses from permit numbers 2-121-221458-1, 2-121-216732-3, and 2-121-218469-3.

PROJECT DESCRIPTION:

This project is located approximately two miles southeast of SR-51 and twelve miles southwest of Live Oak in Suwannee County and consists of 950 controlled and 855 irrigated acres. Groundwater from nine active wells are used to irrigate corn, carrots, peanuts, and oats through eleven center pivots. Watermelons are irrigated through drip irrigation systems. The change in allocation from the previous permit sequences is due to an increase in irrigated acres and a transition to higher intensity crop rotations. However, the permittee is implementing a combination of variable frequency drive pumps that adjust water usage when system demands change, soil moisture sensors, either new or retrofitted pivot irrigation systems with Nelson sprinklers to reduce evaporation, and base station control of all pivots. This incorporation of precision agriculture management will result in an estimated 0.3575 to 0.6219 mgd of water savings.

The permittee has elected to provide SRWMD electrical consumption to comply with the water use reporting requirements of special condition 18.

WATER USE CALCULATIONS:

The District's WUPAR model was used to calculate the 15.61 inches/ year of supplemental irrigation for corn grown from March 1st to August 15th. The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Peanuts grown from May 15 to October 31: 10.23 inches/ year

Corn grown from June 15 to October 31: 9.13 inches/ year

Carrots grown from September 15 to January 15: 7.28 inches/ year

Watermelons grown from April 15 to June 1: 5.72 inches/ year

Oats grown from November 1 to February 28: 2.95

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and Section 40B-2.301, Florida Administrative Code (F.A.C.), require an applicant to establish that the proposed use of water:

- (a) is a reasonable-beneficial use;
- (b) will not interfere with any presently existing legal use of water; and
- (c) is consistent with the public interest.

In addition, the above requirements are detailed further in the District's Water Use Permitting Applicant's Handbook ("A.H."). District staff has reviewed the water use permit application pursuant to the above-described requirements and have determined that the application meets the conditions for issuance of this permit. Highlights of the staff review are provided below.

Is this a reasonable–beneficial use?

[ref. 40B-2.301(1)(a)]

Yes. Based on the evaluation of criteria listed in 40B-2.301(2)(a)-40B-2.301(2)(k), F.A.C.

Will this use interfere with any presently existing legal use of water?

[ref. 40B-2.301(1)(b)]

No. Project withdrawals were modeled and showed a simulated Upper Floridan aquifer drawdown of less than 0.5 foot at the project boundary. Additionally, no reports of interference from previous groundwater withdrawals have been received by the District. Therefore, continued groundwater withdrawals at this project are not expected to interfere with any presently existing legal uses of water.

Will this use be consistent with the public interest?

[ref. 40B-2.301(1)(c)]

Yes. The use of water for agricultural purposes is consistent with the public interest.

Will this use be in such a quantity that is necessary for economic and efficient use?

[ref. 40B-2.301(2)(a)]

Yes. Water use consistent with the aforementioned supplemental irrigation models is economic and efficient. The permittee will implement the following water conservation measures for the agricultural uses: checking daily for irrigation leaks and repairing them as needed, using new or retrofitted pivot systems and efficiency testing those systems every 5 years to maintain an irrigation distribution uniformity of 80% or greater, laying new drip tape each season and efficiency testing that system to maintain a 90% irrigation distribution uniformity, burying irrigation pipe to reduce the possibility of damage, ensuring automated end gun shutoffs are working properly and only watering target crops, adjusting water usage as system demand changes using variable frequency pumps, installing automated valves, scheduling irrigation events based on IFAS or NRCS approved methods as well as using soil moisture probes, maintaining written records of rainfall, employing operational pump shutdown to prevent pump operation in the event of an irrigation system malfunction, planting cover crops in the winter, and irrigating when the wind is less than 5 mph when feasible.

Will the source of the water be suitable for the consumptive use?

[ref. 40B-2.301(2)(c)]

Yes. Staff determined the Upper Floridan aquifer is suitable for the consumptive use.

**Will the source of the water be capable of producing the requested amount?
[ref. 40B-2.301(2)(d)]**

Yes. Staff determined the Upper Floridan aquifer is capable of producing the requested amounts.

**Except when the use is for human food preparation and direct human consumption, is the lowest quality water source that is suitable for the purpose and is technically, environmentally, and economically feasible being utilized?
[ref. 40B-2.301(2)(e)]**

Yes. The lowest quality water source that is suitable for the purpose and that is technically, environmentally, and economically feasible is being utilized.

**Will the use harm existing offsite land uses as a result of hydrologic alterations?
[ref. 40B-2.301(2)(f)]**

No. The use is not expected to harm offsite land uses.

**Will the use cause harm to the water resources of the area that include water quality impacts to the water source resulting from the withdrawal or diversion, water quality impacts from dewatering discharge to receiving waters, saline water intrusion or harmful upconing, hydrologic alterations to natural systems, including wetlands or other surface waters, or other harmful hydrologic alterations to the water resources of the area?
[ref. 40B-2.301(2)(g)]**

No. Project withdrawals were modeled and showed a simulated Upper Floridan aquifer drawdown of less than 0.5 feet at the project boundary. There are no wetlands on or proximate to the project and the continued water use is not expected to cause harm to natural systems or the water resources of the area for the duration of the permit.

**Is the use in accordance with any minimum flow or level and implementation strategy established pursuant to Sections 373.042 and 373.0421, F.S.?
[ref. 40B-2.301(2)(h)]**

Yes. The proposed withdrawals are in accordance with MFLs and MFL recovery strategies pursuant to Chapters 62-42 and 40B-8, F.A.C.

**Will the project use water reserved pursuant to subsection 373.223(4), F.S.?
[ref. 40B-2.301(2)(i)]**

No. The project will not use water reserved by the Governing Board pursuant to subsection 373.223(4), F.S.

WITHDRAWAL POINT INFORMATION:

Site Name: PC 12 Ventures

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
119114	Rock Pivot Well	12	650	FAS - Upper Floridan Aquifer	Active	Agricultural
119427	PC 4	6	450	FAS - Upper Floridan Aquifer	Active	Agricultural
119870	Tedder Capped 8"	8	--	FAS - Upper Floridan Aquifer	Inactive	--
120613	PC 3	10	750	FAS - Upper Floridan Aquifer	Active	Agricultural
120969	PC 5	8	600	FAS - Upper Floridan Aquifer	Active	Agricultural
120988	PC 6	6	450	FAS - Upper Floridan Aquifer	Inactive	--
121344	Tedder Place 8" (Well 1)	8	1000	FAS - Upper Floridan Aquifer	Active	Agricultural
121409	Ward Well	10	800	FAS - Upper Floridan Aquifer	Active	Agricultural
130768	PC 1	12	--	FAS - Upper Floridan Aquifer	Proposed	Agricultural
130769	PC 2	12	--	FAS - Upper Floridan Aquifer	Proposed	Agricultural
130770	PC 7	8	--	FAS - Upper Floridan Aquifer	Proposed	Agricultural

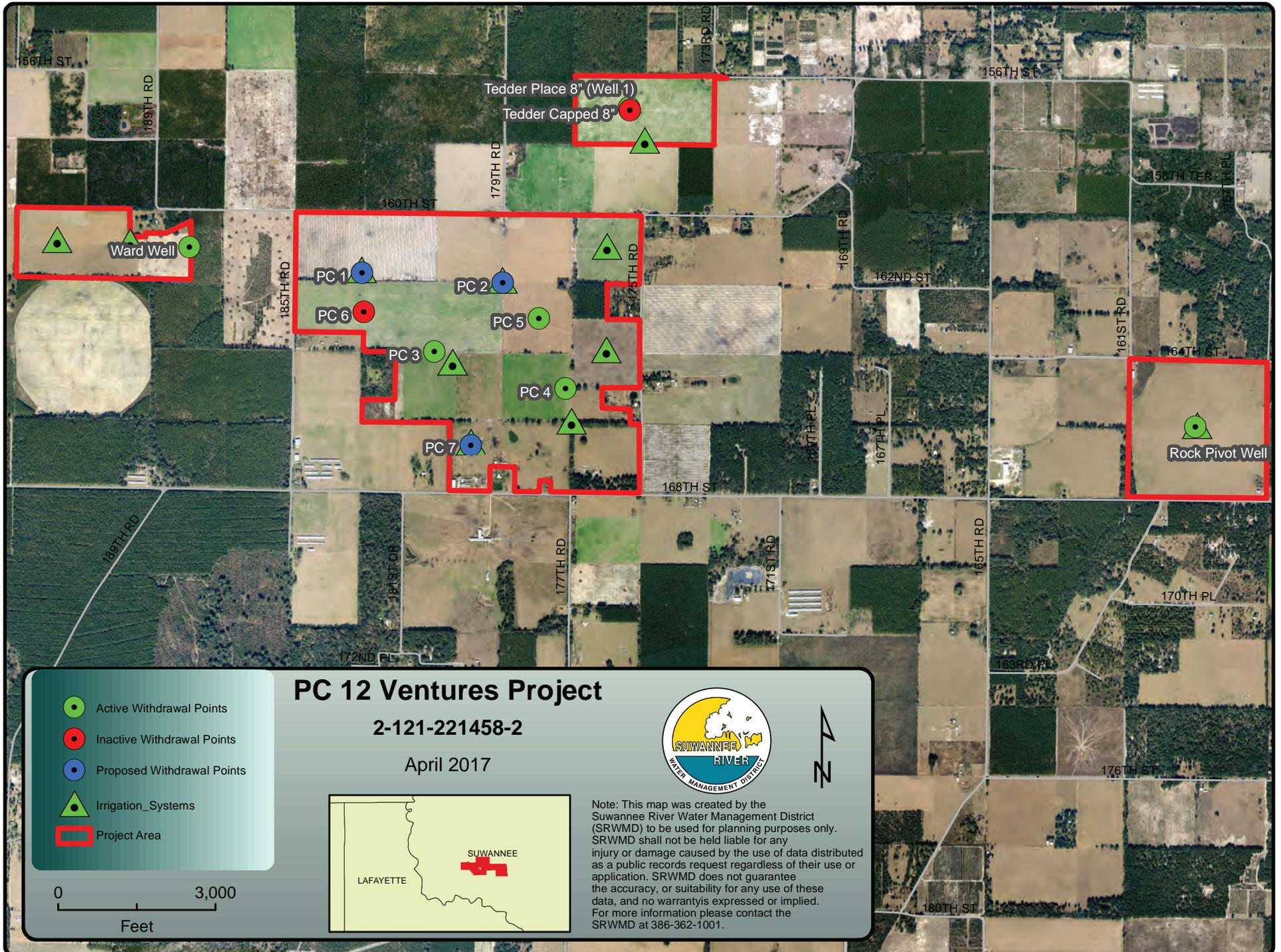
Conditions

1. All water uses authorized by this permit shall be implemented as conditioned by this permit, including any documents incorporated by reference in a permit condition. The District may revoke this permit, in whole or in part, or take enforcement action, pursuant to sections 373.136 or 373.243, F.S., unless a permit modification has been obtained. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

2. This permit does not convey to the permittee any property rights or privileges other than those specified herein, nor relieve the permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.
3. The permittee shall notify the District in writing within 30 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and / or related facilities from which the permitted water use is made. Where the permittee's control of the land subject to the permit was demonstrated through a lease, the permittee must either submit documentation showing that it continues to have legal control or transfer control of the permitted system / project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of section 40B-2.351, F.A.C. Alternatively, the permittee may surrender the water use permit to the District, thereby relinquishing the right to conduct any activities under the permit.
4. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to chapter 373, F.S. In the event of a declared water shortage, the permittee must adhere to the water shortage restrictions, as specified by the District. The permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order.
5. With advance notice to the permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The permittee shall either accompany District staff onto the property or make provision for access onto the property.
6. A permittee may seek modification of any term of an unexpired permit. The permittee is advised that section 373.239, F.S., and section 40B-2.331, F.A.C., are applicable to permit modifications.
7. This permit shall expire on **10/17/2036**. The permittee must submit the appropriate application form incorporated by reference in subsection 40B-2.402(8)(a), F.A.C., and the required fee to the District pursuant to section 40B-2.361, F.A.C., up to one year prior to this expiration date in order to continue the use of water.
8. Use classification is **Agricultural**.
9. Source classification is **Groundwater**.
10. The permitted water withdrawal facilities consist of the stations in the Withdrawal Point Information table(s).

11. The permittee must mitigate interference with existing legal uses caused in whole or in part by the permittee's withdrawals, consistent with a District-approved mitigation plan. As necessary to offset such interference, mitigation may include, but is not limited to, reducing pumpage, replacing the existing legal user's withdrawal equipment, relocating wells, changing withdrawal source, supplying water to existing legal user, or other means needed to mitigate the impacts.
12. The permittee must mitigate harm to existing off-site land uses caused by the permittee's withdrawals. When harm occurs, or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
13. The permittee must mitigate harm to the natural resources caused by the permittee's withdrawals. When harm occurs or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
14. If any condition of the permit is violated, the permittee shall be subject to enforcement action pursuant to chapter 373, F.S.
15. The permittee must notify the District in writing prior to implementing any changes in the water use that may alter the permit allocations. Such changes include, but are not limited to, change in irrigated acreage, crop type, irrigation system, water treatment method, or entry into one or more large water use agreements. In the event a proposed change will alter the allocation, permittee must first obtain a permit modification.
16. All correspondence sent to the District regarding this permit must include the permit number **(2-121-221458-2)**.
17. The District reserves the right to open this permit, following notice to the permittee, to include a permit condition prohibiting withdrawals for resource protection.
18. The permittee shall implement automated monitoring of groundwater withdrawals, at permittee's expense, upon commencement of withdrawals. The monitoring and reporting shall include reporting daily volume pumped by each well of inside diameter eight inches or greater at land surface and shall be delivered by 12:00 pm local time the following day via approved telemetry consistent with District data formats. The permittee may opt for a standardized SRWMD automated monitoring system to fulfill this requirement.

19. The permittee shall implement and/or maintain the conservation practices selected in the Water Conservation Plan submitted to the District. Any new practices selected shall be implemented within one year from the date of permit issuance. Practices that involve scheduling methods or maintenance shall be documented. Documentation for implementation and/or maintenance shall be maintained on all practices and available upon request.
20. The permittee shall ensure that the irrigation systems will water target areas only under field operations. Irrigation of non-target areas (roads, woods, structures, etc.) is prohibited.
21. The permittee agrees to participate in a Mobile Irrigation Lab (MIL) program and allow access to the Project Site for the purpose of conducting a MIL evaluation at least once every five years.
22. Following the effective date of the re-evaluated Minimum Flows and Levels adopted pursuant to Rule 62-42.300(1)(e), F.A.C., this permit is subject to modification during the term of the permit, upon reasonable notice by the District to the permittee, to achieve compliance with any approved MFL recovery or prevention strategy for the Lower Santa Fe River, Ichetucknee River, and Associated Priority Springs. Nothing herein shall be construed to alter the District's authority to modify a permit under circumstances not addressed in this condition.
23. The permittee shall install and maintain no less than one backflow prevention device when fertigating and no less than two backflow prevention devices when chemigating on all wells or surface water pumps connected to the irrigation system. The backflow prevention device(s) shall be installed between the water source and the injection point.
24. The permittee is authorized to withdraw a maximum of 1.7613 mgd of groundwater for supplemental irrigation of corn/ corn/ rye, 1.4560 mgd of groundwater for supplemental irrigation of corn/ carrot, 0.8383 mgd of groundwater for supplemental irrigation of peanuts/ rye, or a maximum of 0.5515 mgd of groundwater for supplemental irrigation of watermelon/ oats. Daily allocations are calculated on an average annual basis and the maximum allocation is only authorized in 1-in-10 year drought conditions.



PC 12 Ventures Project

2-121-221458-2

April 2017



- Active Withdrawal Points
- Inactive Withdrawal Points
- Proposed Withdrawal Points
- ▲ Irrigation Systems
- Project Area

0 3,000
Feet



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 warranties expressed or implied. For more information please contact the SRWMD at 386-362-1001.

MEMORANDUM

TO: Governing Board
 FROM: Tim Sagul, P.E., Division Director, Resource Management
 DATE: March 31, 2017
 RE: Permitting Summary Report

Environmental Resource Permitting (ERP) Activities

Permit Review

The following table summarizes the environmental resource permitting activities during the month of January 2017 and program totals from January 2012 to February 2017.

February 2017	Exemption Requests	Noticed Generals	Generals	10-2 Self Certifications	Individuals	Conceptuals	Total
Applications received	3	1	7	2	4	0	17
Permits issued	4	1	5	0	6	0	17
Inspections	3	9	67	7	13	0	99
Total permits issued from January 2012 to February 2017	276	193	273	248	190	12	1193

The following Individual Environmental Resource Permits were issued by staff, pursuant to 373.079(4)(a), Florida Statutes, in February 2017.

Permit Number	Project Name	County	Issue Date
212399-3	Buckeye Red Padgett Road Borrow Pit Modification	Taylor	2/28/2017
212630-4	Chemring Ordnance Buildings 160, 161 and 162	Taylor	2/23/2017
215290-2	Perimeter Road Roadway Improvements	Suwannee	2/28/2017
228538-2	Holiday Inn Alachua	Alachua	2/9/2017
228878-1	Edwards Bottomlands Mitigation Area	Bradford	2/14/2017
229139-1	Custom Pine Straw	Gilchrist	2/9/2017

Water Use Permitting and Water Well Construction Activities

The following table summarizes water use and water well permitting activities during the month of February 2017.

February 2017	Received		Issued
Water Use Permits	26		12
Water well permits issued: 149			
Abandoned/Destroyed	2	Livestock	3
Agricultural Irrigation	11	Monitor	25
Aquaculture	0	Nursery	0
Climate Control	0	Other	1
Fire Protection	0	Public Supply	2
Garden (Non-Commercial)	0	Self-supplied Residential	104
Landscape Irrigation	0	Drainage or Injection	0
Commercial or Industrial	1	Remediation Recovery	0

**Rulemaking Schedule
April 2017**

**40B-4 (Amendments)
ERP/ Works of the District Permits**

GB Rule Dev. Auth.	12/9/2014
Notice of Rule Dev.	
GB Proposed Rule Auth.	12/9/2014
Send to JAPC/OFARR	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

**40B-4.400 (Amendments)
Environmental Resource Permitting**

GB Rule Dev. Auth.	12/9/2014
Notice of Rule Dev.	
GB Proposed Rule Auth.	12/9/2014
Send to JAPC/OFARR	
Notice of Proposed Rule	
Notice of Rule Change	
Mail to DOS	
Effective Date	

**40B-9 (Amendments)
WMD Lands Acquisition and Use**

GB Rule Dev. Auth.	10/11/2016
Notice of Rule Dev.	10/28/2016
GB Proposed Rule Auth.	10/11/2016
Send to JAPC/OFARR	11/10/2016
Notice of Proposed Rule	11/14/2016
Notice of Rule Change	11/29/2016
Mail to DOS	12/20/2016
Mailed to Legislature	1/13/2017
Effective Date	5/8/2017

MEMORANDUM

TO: Governing Board
FROM: Darrell Smith, Director, Agriculture and Environmental Projects
DATE: March 24, 2017
RE: Approval to Contract with the Florida Department of Environmental Protection to Receive Grant Funds for the Mill Creek Sink Stormwater Improvement Project

RECOMMENDATION

Staff recommends the Governing Board (1) authorize the Executive Director to enter into an agreement with the Florida Department of Environmental Protection to receive grant funds for the Mill Creek Sink Stormwater Improvement project and (2) to enter into an agreement with the City of Alachua to implement the project.

BACKGROUND

The Mill Creek Sink Stormwater Improvement Project is a collaborative effort between the Suwannee River Water Management District (District), the City of Alachua (City), and Alachua County (County) with technical assistance provided by the County's Environmental Protection Department (EPD) and Dr. Mark Clark of the UF/IFAS Soil and Water Sciences Department.

Mill Creek Sink is located just east of I-75 in the City of Alachua, immediately adjacent to US-441 and four commercial businesses. This interchange was constructed prior to the establishment of statewide Environmental Resource Permitting rules and regulations; stormwater runoff from the commercial area, US-441, and I-75 discharges directly to the Mill Creek swallet area with little or no water quality treatment. Mill Creek swallet directly recharges the Upper Floridan aquifer and flows overland to the Mill Creek Sink.

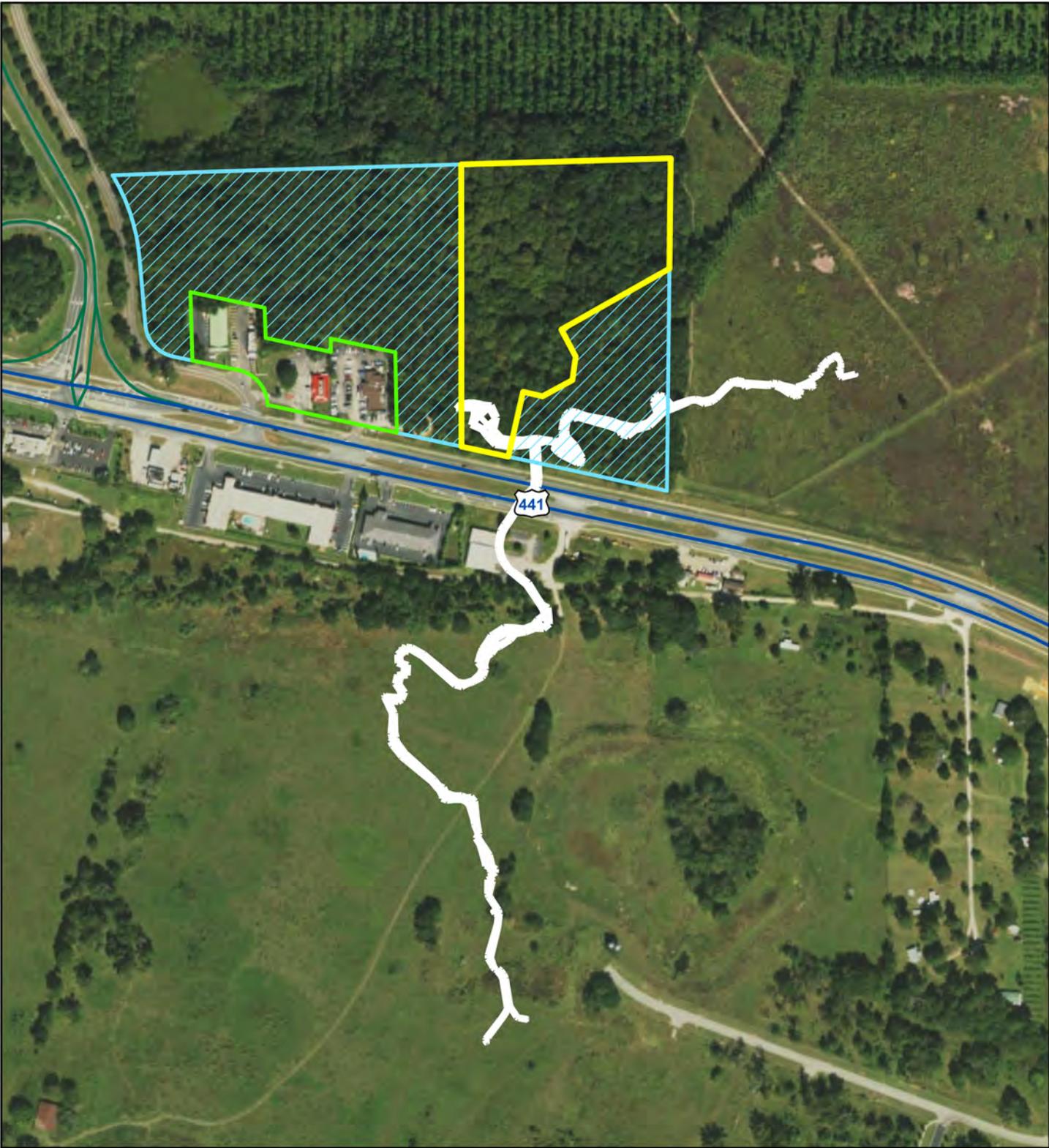
The overarching goal of this project is to improve water quality recharging the Upper Floridan aquifer, and to preserve and protect the Mill Creek Sink and cave system. Engineering design, hydrologic modeling, land acquisition, and stormwater management improvements will reduce nitrogen loading by an estimated 66% and provide beneficial aquifer recharge to the Lower Santa Fe River and associated springs.

Governor Scott's 2016-2017 "Florida First" recommended budget, with the support of the Florida Legislature, established dedicated funding to restore and protect Florida's springs. As part of this springs restoration and protection effort, on February 21, 2017, the Florida Department of Environmental Protection (FDEP) notified the District of the decision to award an additional

\$1,000,000 in funding for the Mill Creek Sink project. Previously, the District Governing Board approved \$400,000 in cost share assistance for the project through the Regional Initiative Valuing Environmental Resources (RIVER) program.

Funding for this project is included in the FY2017 April budget amendment.

JSB/rl
Attachment



Mill Creek Sink Project Potential Stormwater Management Improvements

- Existing Businesses
- National Speleological Society Property
- Potential Stormwater Management Area
- Mill Creek Sink Cave System



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001.
Map Created on 2/10/2017

Note: Cave maps have been provided to the Suwannee River Water Management District by Michael Poucher, Karst Underwater Research, National Speleological Society- Cave Diving Section (NSS-CDS), and the National Association of Cave Divers (NACD) and are copyrighted by the respective owner.
For more information please contact the SRWMD at 386-362-1001.

MEMORANDUM

TO: Governing Board

FROM: Darrell Smith, Director, Agriculture and Environmental Projects

DATE: March 30, 2017

RE: Authorization to Implement the Springs Pilot Agricultural Project

RECOMMENDATION

Staff recommends the Governing Board authorize staff to implement the grass-based cropping system Agricultural Springs Pilot Project.

BACKGROUND

Governor Scott's 2016-17 "Florida First" recommended budget with the support of the Florida Legislature established dedicated funding to restore and protect Florida's springs.

District staff collaborated with local governments and agricultural interests throughout the 15-county area and invited them to submit spring protection and restoration project concepts. The Governing Board held a public workshop May 12, 2016, to discuss proposals for springs grant funding. Staff prepared and submitted proposed projects to the Florida Department of Environmental Protection (FDEP) for consideration.

On July 13, 2016, FDEP's Secretary Jon Steverson announced that the water management districts would receive over \$56.6 million in state springs grants for 35 springs projects. The District received over \$22.9 million in state springs grant funding for 12 projects. Three of the projects are agriculturally based. The Agriculture Springs Pilot Program – Low Input Agriculture and Land Conservation is one of the three agriculture projects. At the September 2016, Governing Board meeting the Board authorized the Executive Director to enter into agreement with FDEP to receive the \$5,000,000 associated with this project.

This project will invite agricultural operations within the Ichetucknee, Fanning, and Convict Springs areas as well as other Outstanding Florida Springs areas to submit proposals to transition to less intensive cropping systems, change the type of cropping system or agriculture crop altogether, including changes to silviculture for a certain amount of time including conservation easements. The project is anticipated to reduce nitrogen to groundwater by 375,000 pounds per year and conserve approximately 5.10 million gallons per day of water.

The pilot project will seek proposals from agriculture producers in these areas and will implement the program as outlined below:

- The goal of the pilot project includes providing incentives to farmers to implement cropping rotations that conserve water and nutrients including incorporation of grass and cattle.
- District staff will hold farmer meetings and meet with farmers individually to discuss the goals of the pilot project and to seek applications.
- Only active farmers with irrigated lands are eligible to participate.
- Producer will be able to plant the entire pivot or a subsection of it in grass for annual incentive payment.
- Grass must be maintained a minimum of 2 years to be in program compliance and receive annual incentive payment.
- After 2 years, the Producer has option to rotate in a production crop. If grass is maintained Producer is eligible for annual incentive payment.
- An incentive will be available to help convert to Bahia grass the first year, and for conservation tillage equipment and/or fencing.

Funding for these projects are included in the FY 2017 tentative budget and are contingent upon approval of the budget.

DS/rl

MEMORANDUM

TO: Governing Board
FROM: Darrell Smith, Director, Agriculture and Environmental Projects
DATE: March 30, 2017
RE: Approval to Enter into Contract with an Agricultural Producer to Provide Water Conservation Cost-Share Funding – Townsend Brothers Ag Enterprises

RECOMMENDATION

Staff recommends the Governing Board authorize the Executive Director to enter into contract with one applicant as part of the Florida Department of Environmental Protection and District Agricultural Cost-Share Program in the amount of \$146,800.

BACKGROUND

At the January 2015 Governing Board meeting, the Board authorized the Executive Director to execute an agreement with the Florida Department of Environmental Protection (FDEP) for agricultural water conservation, nursery water conservation, and nutrient management cost-share totaling \$3,660,000. The District is providing agricultural cost-share funds in the amount of \$1,500,000 per year in conjunction with this program to agricultural producers. In addition, participating agricultural producers provide a cost-share match of 25 percent or more to this program.

Townsend Bros. Ag Enterprises

This cost-share project is with Townsend Bros. Ag Enterprises on parcels located in northern Suwannee County and eastern Madison County. The project will install one portable fertigation system, 4 stationary fertigation systems, update fourteen controller panels, install fourteen remote controls, and install ten soil moisture probes. These tools reduce groundwater use by allowing enhanced management and timing of irrigation scheduling events, granting the producer remote control capability of the irrigation systems, and notify the producer of mechanical malfunctions and system failure.

The upgrades to these irrigation systems are expected to result in approximately 0.30 million gallons per day of water savings at a cost of \$0.11 per thousand gallons over the estimated life of the equipment (estimated life span of 5 years for soil moisture probes and 10 years for equipment equates to 539 million gallons of water saved over the life of the equipment). This project is located within the Upper Suwannee River Basin and Madison Blue Springshed.

The total project cost is \$191,289, FDEP will contribute \$33,000.00 through Agreement No. S0796 – Suwannee River Water Management District Springs Protection Projects – the District will contribute \$113,800.00 through the Ag Cost-Share Program to make up the \$146,800.00 recommended for Governing Board approval. The applicant’s portion of these items will be \$44,488.89. Exhibit A is a list of the proposed cost share items, proposed funding amounts, and water conservation tools. Exhibit B is a breakdown of the items being cost-shared.

Funding for this project is included in the Fiscal Year 2017 budget under Account Codes 06-2586-7-2400-07-05, and 51-2586-7-2400-06-07.

Exhibit A – Project Overview

Owner Name	County	Improved Water Conservation	Advanced Nutrient Management	Nursery Water Conservation	Project Description
Townsend Brothers	Suwannee and Madison	\$113,800	\$33,000	-	1 Portable Fertigation System, 4 Stationary Fertigation Systems, Fourteen Updated Controller Panels, Fourteen Remote Controls, and Ten Soil Moisture Probes
	Total Estimated	\$113,800	\$33,000	-	\$146,800

Exhibit B – Itemized List

Producer	Item	Maximum Cost Share Amount	Quantity	FDEP & SRWMD Item Total	Producer Share
Townsend Brothers	Portable Fertigation System	\$9,000	1	\$9,000	\$3,000
	Stationary Fertigation System	\$6,000	4	\$24,000	\$8,000
	Remote Controls of Equipment	\$2,200	14	\$30,800	\$10,267
	Upgraded Controller Panels	\$4,500	14	\$63,000	\$21,000
	Soil Moisture Probes	\$2,000	10	\$20,000	\$2,222
	Totals:				\$146,800

MEMORANDUM

TO: Governing Board
FROM: Noah Valenstein, Executive Director
DATE: March 30, 2017
RE: District's Weekly Activity Reports

Attached are the weekly District activity reports.

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

NV/rl
Attachments



Weekly Activity Report to Governing Board for Feb. 26 – March 4, 2017

Executive / Management

- Steve Minnis, Darrell Smith, and Jamie Bell met with representatives from Suwannee County regarding a potential springs grant project proposal.

Water Resources

- No reporting activity.

Water Supply

- Amy Brown attended the FWEA Water Resources, Reuse, and Resiliency Committee's 2017 Integrated Water Seminar in Bartow.

Resource Management

- Warren Zwanka and Tim Sagul participated in the monthly CUP anti-drift conference call with representatives from DEP and the other WMDs.
- Leroy Marshall participated in a webinar regarding FEMA's Risk MAP Cooperating Technical Partner (CTP) Program's new Key Decision Point (KDP) process. The webinar covered the purpose of KDPs, the KDP process, how FEMA and its stakeholders interact with the KDP process, and the future of KDPs.

Agriculture and Environmental Projects

- Justin Garland attended a farmer meeting at Lee Peanut Farm where research and other items were discussed.
- Darrell Smith and Hugh Thomas met with the Suwannee River Partnership Environmental Subcommittee to seek water resource issues input at the Ichetucknee Park Visitor Center.
- Leslie Ames attended the first Cedar Key Shoreline Visioning Workshop in Cedar Key.
- Patrick Webster completed a final inspection of the Old Town Water Main Extension Project in Fanning Springs.

Communications

- District highlighted National Invasive Species Awareness Week through social media and public outreach for the entire week.
- District hosted the Suwannee River Partnership Environmental Advisory Subcommittee facilitating discussion to identify major issues of concern.

Announcements for the week of March 12 - 18.

- The District Governing Board is scheduled to meet at 9 a.m. on March 13 at the District Headquarters followed by a Governing Board Workshop. The Lands Committee is scheduled to meet following the Workshop.



Weekly Activity Report to Governing Board for March 5 - 11, 2017

Executive / Management

- Steve Minnis attended Week 1 of the 2017 Regular Legislative Session.
- Steve Minnis and Leslie Ames attended the Florida Farm Bureau's "Taste of Florida Agriculture" Reception at the Capitol.

Water Resources

- Darlene Velez attended the Collaborative Research Initiative on Sustainability and Protection of Springs meeting at SJR for a springs project update.

Water Supply

- No reporting activity.

Resource Management

- Brian Brooker attended the Bradford County Local Mitigation Strategies (LMS) meeting in Starke.
- Leroy Marshall participated in a conference call with our FEMA contractors regarding the status of the FY09-15 FEMA grant projects.

Agriculture and Environmental Projects

- Jamie Bell presented to the Lake City Rotary Club on the Ichetucknee Springshed Water Quality Improvement Project.
- Darrell Smith, Carlos Herd, and Tom Mirti met with representatives from PCS Phosphate to discuss project development.
- Jamie Bell and Patrick Webster conducted final inspections in Steinhatchee for the Stephen's Spring project and Steinhatchee Septic Tank Removal project.
- Justin Garland met with White Oak Dairy and Townsend Brothers Ag Enterprises regarding potential cost-share projects.
- Leslie Ames attended the meetings of the House Agriculture & Natural Resources Appropriations Subcommittee, the Senate Appropriations Subcommittee on the Environment & Natural Resources, and the House Ways & Means Committee.

Communications

- The District highlighted National Groundwater Awareness Week March 5-11, 2017 with public outreach and daily social media posts.
- The District sent out public awareness information regarding irrigation changes due to Daylight Savings Time.

Announcements for the week of March 19-25.

- No announcements.



Weekly Activity Report to Governing Board for March 12 - 18, 2017

Executive / Management

- Steve Minnis attended Week 2 of the 2017 Regular Legislative Session.
- Steve Minnis mentored the Florida Future Farmers of America State President and State Secretary at the Capitol.

Water Resources

- Tom Mirti and Leslie Ames met USGS Science Center directors and other staff at Manatee Springs to present spring flow and water quality monitoring.
- Tom Mirti met with City of Greenville staff to identify a monitoring well location.

Water Supply

- No reporting activity.

Resource Management

- Warren Zwanka, Gloria Hancock, and Chrissy Carr attended the North Central Florida Water Well Association meeting in Trenton.
- Warren Zwanka and Stefani Leavitt participated in the Suwannee Interagency Ag team meeting.

Agriculture and Environmental Projects

- Justin Garland met with Travis Dicks in Lake City for an agricultural cost-share site visit.
- Hugh Thomas met with the Natural Coast Regional Water Authority in Fanning Springs regarding the Otter and Hart Springs Water Quality Improvement Project.
- Hugh Thomas met with the City of Fanning Springs for a site visit of the completed Phase I of the Fanning Springs Water Quality Improvement Project.
- Hugh Thomas met with the City of Fanning Springs regarding the Fanning Springs Water Quality Improvement Project Phase III and the Otter and Hart Springs Water Quality Improvement Project.
- Patrick Webster attended a meeting in Starke regarding the Edward Bottomlands project.
- Leslie Ames attended the weekly legislative coordination meeting with FDEP and other WMDs in Tallahassee.
- Leslie Ames attended the Jefferson County BOCC meeting for a presentation on Jefferson County's project priorities for RESTORE Act funding.

Communications

- Katelyn Potter sent out press releases regarding time and irrigation scheduling changes, opening of Crossway Branch trail and RO Ranch, as well as youth hunt on Peacock Slough tract.

Announcements for the week of March 26 – April 1.

- No announcements.



Weekly Activity Report to Governing Board for March 19 - 25, 2017

Executive / Management

- Steve Minnis attended Week 3 of the 2017 Regular Legislative Session.

Water Resources

- Tom Mirti, Darlene Velez, Trey Grubbs, and Amy Brown met with staff from the USGS to discuss possible monitoring project submittals for Gulf Restoration.
- Tom Mirti had a conference call with SJRWMD staff reviewing hydrologic conditions.

Water Supply

- John Good and Carlos Herd attended a face-to-face anti-drift meeting for MFLs at the DEP district office in Orlando.

Resource Management

- Warren Zwanka, Gloria Hancock, and Chrissy Carr participated in a meeting with representatives from NFWMD and SJRWMD regarding water well construction issues and the E-reg database.
- Brian Brooker and Pat Webster met with representatives of Bradford County to discuss ongoing drainage issues.

Agriculture and Environmental Projects

- Darrell Smith attended a project development meeting with PCS Phosphate.
- Justin Garland met with Shade Tree Nursery and NFH Dairy regarding agriculture cost-share program.
- Hugh Thomas met with representatives from Columbia High School concerning the school's High School Grant application.
- Hugh Thomas and Justin Garland attended the monthly Suwannee River Partnership breakfast.
- Patrick Webster conducted field reviews at Gornto Springs and Charles Springs.
- Patrick Webster attended the Bradford County monthly meeting in Starke, and met with the city of Starke to discuss potential RIVER grant proposals.
- Leslie Ames attended the National Forests in Florida Partnership meeting in Wakulla.
- Leslie Ames attended the Florida Trustees Implementation Group (FL-TIG) meeting regarding potential Natural Resources Damages Assessment (NRDA) oil-spill funding.

Communications

- Katelyn Potter distributed media and public outreach for National Agricultural Day on March 21 as well as National Water Conservation Day/World Water Day on March 22.

Announcements for the week of April 2 - 8.

- No announcements.