

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

**OPEN TO THE PUBLIC**

January 10, 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 - December 13, 2016 Governing Board, Audit Committee and Board Workshop Minutes
  - Agenda Item 9 - Approval of November 2016 Financial Report
  - Agenda Item 19 - Approval of a Modification of Water Use Permit 2-041-215973-2, with a 0.0312 mgd Increase in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.0853 mgd of Groundwater for Agricultural Use at the Philip Sassoon Project, Gilchrist County
  - Agenda Item 20 - Approval of a Modification of Water Use Permit 2-041-220384-2, with a 0.0042 mgd Increase in Allocation and an Eight-Year Permit Extension, Authorizing the Use of 0.0971 mgd of Groundwater for Agricultural Use at the John Chastain Farm Project, Gilchrist County
  - Agenda Item 21 - Approval of a Modification of Water Use Permit 2-041-220551-2, with a 0.0738 mgd Increase in Allocation and a Five-Year Permit Extension, Authorizing the Use of 0.1286 mgd of Groundwater for Agricultural Use at the Rush Farm Project, Gilchrist County

Page 6

6. Approval of Minutes – December 13, 2016 Governing Board, Audit Committee and Board 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**

8. Update on Legal Activities

## **DIVISION OF ADMINISTRATION AND OPERATIONS**

**Roary Snider, Chief of Staff**

- AO Page 1      9.    Approval of November 2016 Financial Report – **Recommend Consent**
- AO Page 10     10.   Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc., for the Steinhatchee Springs #17 Timber Sale
- AO Page 11     11.   Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc., for the Steinhatchee Springs #18 Timber Sale
- AO Page 12     12.   Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc., for the TRSF -17 Ellaville #14 Timber Sale
- AO Page 13     13.   Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc. for the TRSF-17 Mill Creek South #9 Timber Sale
- AO Page 14     14.   Land and Facilities Operations Activity Summary Report
- AO Page 18     15.   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      16.   Authorization to Contract with Soil and Water Engineering Technology, Inc. for Feasibility Studies, Designs, and Construction/Operation Plans of Nutrient Treatment Projects near Ravine and Convict Springs
- WR Page 3      17.   Agricultural Water Use Monitoring Report
- WR Page 4      18.   Monitoring Well Network Improvement Plan

## **DIVISION OF RESOURCE MANAGEMENT**

**Tim Sagul, P.E., Director**

- RM Page 1      19.   Approval of a Modification of Water Use Permit 2-041-215973-2, with a 0.0312 mgd Increase in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.0853 mgd of Groundwater for Agricultural Use at the Philip Sassoon Project, Gilchrist County – **Recommend Consent**
- RM Page 10     20.   Approval of a Modification of Water Use Permit 2-041-220384-2, with a 0.0042 mgd Increase in Allocation and an Eight-Year Permit Extension, Authorizing the Use of 0.0971 mgd of Groundwater for Agricultural Use at the John Chastain Farm Project, Gilchrist County – **Recommend Consent**

- RM Page 20      21. Approval of a Modification of Water Use Permit 2-041-220551-2, with a 0.0738 mgd Increase in Allocation and a Five-Year Permit Extension, Authorizing the Use of 0.1286 mgd of Groundwater for Agricultural Use at the Rush Farm Project, Gilchrist County – **Recommend Consent**
- RM Page 29      22. Approval of Florida Department of Transportation Mitigation Plan 2017-2021
- RM Page 41      23. Permitting Summary Report
- RM Page 43      24. Enforcement Status Report

**EXECUTIVE OFFICE**  
**Noah Valenstein, Executive Director**

- EO Page 1      25. Authorization to Enter into an Agreement with the Florida Department of Environmental Protection to Receive Coastal Management Program Grant Funds
- EO Page 3      26. Approval to Enter into Contract with an Agricultural Producer to Provide Water Conservation Cost-Share Funding
- EO Page 6      27. District’s Weekly Activity Reports
- 28. Announcements

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

January 17, 2017	11:00 a.m.	Joint Board Meeting with SJRWMD City of Alachua Commission Chambers 15100 NW 142 <sup>nd</sup> Terrace Alachua, FL
February 14, 2016	9:00 a.m.	Board Meeting Followed by Workshop and Committee Meetings District Headquarters

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

- 29. 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.

AGENDA

SUWANNEE RIVER WATER MANAGEMENT DISTRICT  
GOVERNING BOARD WORKSHOP

OPEN TO THE PUBLIC

January 10, 2017  
Following the Governing Board Meeting

District Headquarters  
Live Oak, FL

- Five-Year Strategic Plan Update
- Florida Forever Plan Update
- Sustainable Suwannee Springs Pilot Project Discussion

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.

9:00 a.m., Tuesday  
December 13, 2016

District Headquarters  
Live Oak, Florida

**Governing Board:**

<b>Seat</b>	<b>Name</b>	<b>Office</b>	<b>Present</b>	<b>Not Present</b>
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**

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

**Staff:**

<b>Position</b>	<b>Name</b>	<b>Present</b>	<b>Not Present</b>
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 Director	Darrell Smith	X	

**Guests:**

Secretary Jon Steverson, FDEP	Jack Furney, FDEP
Rick Hutton, Gainesville Regional Utilities	Parrish Barwick, Jefferson County
Kristen Summers, FDEP	Jim Tatum, Our Santa Fe River
Cory Mikell, H2O Mobile Lab	Gary Hardacre, City of Alachua Commissioner
Craig Varn, Manson Bolves & Varn	Merrillee Malwitz-Jipson, Sierra Club
Officer Creech, FWC	Kevin Wright, Generation Farms
Jennifer Sagan, AMEC Foster Wheeler	Janet Bowman, The Nature Conservancy
D. Preble, Dewberry	Ray Hodge, Southeast Milk
Zeriah Folston, City of Archer	Pam Smith, Our Santa Fe River
Benjamin Wyche	Jon Ingram, Law, Redd, Crona & Munroe, P.A.
Georgia Schmitz	Steve Gladin
Jeff Hill	

**Staff:**

Leslie Ames  
Warren Zwanka  
Tyler Jordan  
Pat Webster  
Keith Rowell  
Robin Lamm  
Tilda Musgrove

Katelyn Potter  
Darrell Smith  
Pam Sanders  
Kelly Wooley  
Jamie Bell  
Keith Rowell

The meeting was called to order at 9:02 a.m.

Agenda Item No. 1 – Call to Order

Secretary Jon Steverson, Florida Department of Environmental Protection, provided comments to the Board and thanked the staff for their work.

Agenda Item No. 2 - Swearing in of Appointed Board Member and Roll Call. Legal Counsel swore in Mr. Charles Keith as new Board member.

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

**Updates:**

- Division of Administration and Operations - Agenda Item 12 - Fiscal Year 2016 Budget Realignment to Reconcile Account Codes – **Recommend Consent**
- Division of Administration and Operations - Agenda Item 13 - Approval of Fiscal Year 2018 Preliminary Budget
- Executive Office – Agenda Item 22 - Approval to Enter into Contracts for the Fiscal Year 2017 Regional Initiative Valuing Environmental Resources (RIVER) Cost-Share Program

A MOTION WAS MADE BY MRS. SANCHEZ, SECONDED BY MR. ALEXANDER TO APPROVE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 4 – Public Comment

- Gary Hardacre, City of Alachua Commissioner – Thanked the District for their support regarding the RIVER project.
- Rick Hutton, GRU - Thanked the District for their support regarding the RIVER project.
- Pamela Smith, Our Santa Fe River – MFL and CUP concerns.
- Zeria Folston, City of Archer – Thanked Board and staff for assistance with RIVER project.

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

- Agenda Item 6 - November 8, 2016 Governing Board and Lands Committee Minutes
- Agenda Item 9 – Approval of October 2016 Financial Report
- Agenda Item 10 - Declaration of Surplus Property
- Agenda Item 11 - Authorization to Purchase Rock Aggregate
- Agenda Item 12 - Fiscal Year 2016 Budget Realignment to Reconcile Account Codes - **Updated**
- Agenda Item 18 - Approval of a Modification of Water Use Permit 2-121-215931-5, with a 0.0006 mgd Decrease in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 1.0952 mgd of Groundwater for Agricultural Use at the Shade Tree Nursery Project, Suwannee County

- Agenda Item 19 - Approval of a Modification of Water Use Permit 2-121-228276-1, with a 0.0689 mgd Increase in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.1172 mgd of Groundwater for Agricultural Use at the Shade Tree East Project, Suwannee County

A MOTION WAS MADE BY MR. SCHWAB, SECONDED BY MRS. SANCHEZ TO APPROVE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 6 – November 8, 2016 Governing Board and Lands Committee Minutes.  
Approved on Consent.

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

- Tom Mirti gave a presentation on the hydrologic conditions of the District.
- Cooperating Agencies and Organizations – None

### **GOVERNING BOARD LEGAL COUNSEL**

Agenda Item No. 8 – Legal Update. Tom Reeves updated the Board regarding ongoing legal action.

### **DIVISION OF ADMINISTRATION AND OPERATIONS**

Agenda Item No. 9 – Approval of October 2016 Financial Report. Approved on Consent.

Agenda Item No. 10 - Declaration of Surplus Property. Approved on Consent.

Agenda Item No. 11 – Authorization to Purchase Rock Aggregate. Approved on Consent.

Agenda Item No. 12 - Fiscal Year 2016 Budget Realignment to Reconcile Account Codes – Updated. Approved on Consent.

Agenda Item No. 13 – Approval of Fiscal Year 2018 Preliminary Budget – Updated. Roary Snider, Chief of Staff, presented this item to the Board.

A MOTION WAS MADE BY MR. SCHWAB, SECONDED BY MR. ALEXANDER TO APPROVE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 14 - Land and Facilities Operations Activity Summary. Informational item provided to the Governing Board.

Agenda Item No. 15 - Land Acquisition and Disposition Summary Report. Informational item provided to the Governing Board.

### **DIVISION OF WATER SUPPLY**

No Items.

## **DIVISION OF WATER RESOURCES**

Agenda Item No. 16 - Monitoring Well Network Improvement Plan. Informational item provided to the Governing Board.

Agenda Item No. 17 - Agricultural Water Use Monitoring Update. Informational item provided to the Governing Board.

## **DIVISION OF RESOURCE MANAGEMENT**

Agenda Item No. 18 - Approval of a Modification of Water Use Permit 2-121-215931-5, with a 0.0006 mgd Decrease in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 1.0952 mgd of Groundwater for Agricultural Use at the Shade Tree Nursery Project, Suwannee County. Approved on Consent.

Agenda Item No. 19 – Approval of a Modification of Water Use Permit 2-121-228276-1, with a 0.0689 mgd Increase in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.1172 mgd of Groundwater for Agricultural Use at the Shade Tree East Project, Suwannee County. Approved on Consent.

Agenda Item No. 20 – Permitting Summary Report. Informational item provided to the Governing Board.

Agenda Item No. 21 – Enforcement Status Report. Informational item provided to the Governing Board.

## **EXECUTIVE OFFICE**

Agenda Item No. 22 – Approval to Enter into Contracts for the Fiscal Year 2017 Regional Initiative Valuing Environmental Resources (RIVER) Cost-Share Program – Updated. Noah Valenstein, Executive Director, presented this item to the Board.

A MOTION WAS MADE BY MRS. SANCHEZ, SECONDED BY MR. WILLIAMS TO APPROVE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 23 – Performance-Based Bonus Plan. Mr. Valenstein presented this item to the Board.

A MOTION WAS MADE BY MRS. SANCHEZ, SECONDED BY MR. SCHWAB TO APPROVE RECOMMENDATION. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 23 - North Florida Regional Water Supply Partnership Stakeholder Committee Update. Informational item provided to the Governing Board.

Agenda Item No. 24 - District's Weekly Activity Reports. Informational item provided to the Governing Board.

Agenda Item No. 25 – Announcements  
No Items.

Agenda Item No. 26 - Adjournment

Meeting adjourned at 11:12 a.m.

\_\_\_\_\_  
Chair

ATTEST:

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AUDIT 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.

December 13, 2016  
Following Board Meeting

District Headquarters  
Live Oak, FL

The Audit Committee meeting began at 10:44 a.m.

**Audit Committee Members Present:**

Don Quincey  
Virginia Johns

Richard Schwab

**Board Member Present:**

Don Quincey, Jr.  
Charles Keith  
Kevin Brown

Virginia Sanchez  
Bradley Williams

- Call to Order / Committee Roll Call
- Public Comments: None
- Action Item  
Presentation of Operational Audit Findings and Audit Plans -

Jon Ingram, Law, Redd, Crona & Munroe, P.A., presented the Operational Audit Findings and Audit Plans.

- Announcements: None
- Adjournment

The Audit Committee adjourned at 11:12 a.m.

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Chair

ATTEST:

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SUWANNEE RIVER WATER MANAGEMENT DISTRICT  
GOVERNING BOARD WORKSHOP

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December 13, 2016  
Following Board Meeting

District Headquarters  
Live Oak, FL

The Board Workshop began at 11:46 a.m.

Discussion of Innovative Acquisition and Exchange Practices

Keith Rowell, Surveyor, presented Innovative Acquisition and Exchange Practices powerpoint.  
Guest Panelists provided comments to the Committee

Guest Panelists:

Tom Kay, Alachua Conservation Trust  
Janet Bowman, The Nature Conservancy  
Charles Lee, Florida Audubon

The workshop adjourned at 1:10 p.m.

\_\_\_\_\_  
Chair

ATTEST:

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MEMORANDUM

TO: Governing Board  
FROM: Roary E. Snider, Esq., Chief of Staff  
DATE: December 30, 2016  
RE: Approval of November 2016 Financial Report

RECOMMENDATION

**Staff recommends the Governing Board approve the November 2016 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  
November 2016**

<b>ACCOUNT</b>	<b>Monthly Interest</b>	<b>Interest Rate %</b>	<b>Closing Balance</b>
Bank of America Permit Fee	-	-	\$357,594.07
First Federal Permit Fee	\$8.64	0.30%	\$35,909.33
First Federal (Depository & Accounts Payable)	\$988.23	0.61%	\$2,598,333.18
SPIA	<u>\$63,223.44</u>	1.80%	<u>\$42,796,651.12</u>
TOTAL	\$64,220.31		\$45,788,487.70

**Suwannee River Water Management District  
Statement of Sources and Uses of Funds  
For the Month ending November 30, 2016  
(Unaudited)**

<b>Sources</b>	<b>Current Budget</b>	<b>Actuals Through 11/30/2016</b>	<b>Variance (Under)/Over Budget</b>	<b>Actuals As A % of Budget</b>
Ad Valorem Property Taxes	\$5,727,117	\$ 1,070,553	\$ (4,656,564)	19%
Intergovernmental Revenues	\$41,814,726	\$ 1,520,742	(40,293,984)	4%
Interest on Invested Funds	\$244,137	\$ 123,302	(120,835)	51%
License and Permit Fees	\$120,000	\$ 27,429	(92,571)	23%
Other	\$988,488	\$ 354,236	(634,252)	36%
Fund Balance	\$18,537,768		(18,537,768)	0%
<b>Total Sources</b>	<b>\$67,432,236</b>	<b>\$ 3,096,263</b>	<b>\$ (64,335,973)</b>	<b>5%</b>

<b>Uses</b>	<b>Current Budget</b>	<b>Expenditures</b>	<b>Encumbrances <sup>1</sup></b>	<b>Available Budget</b>	<b>%Expended</b>	<b>%Obligated <sup>2</sup></b>
Water Resources Planning and Monitoring	\$10,685,707	\$367,456	\$71,773	\$ 10,246,477	3%	4%
Acquisition, Restoration and Public Works	\$49,304,118	\$929,316	\$12,613	48,362,189	2%	2%
Operation and Maintenance of Lands and Works	\$4,420,671	\$232,704	\$8,251	\$4,179,716	5%	5%
Regulation	\$1,367,953	\$123,952	\$8,514	1,235,487	9%	10%
Outreach	\$228,202	\$14,992	\$0	213,210	7%	7%
Management and Administration	\$1,425,585	\$177,240	\$16,331	1,232,014	12%	14%
<b>Total Uses</b>	<b>\$67,432,236</b>	<b>\$ 1,845,661</b>	<b>\$ 117,482</b>	<b>\$ 65,469,093</b>	<b>3%</b>	<b>3%</b>

<sup>1</sup> Encumbrances represent unexpended balances of open purchase orders and contracts.

<sup>2</sup> Represents the sum of expenditures and encumbrances as a percentage of the available budget.

This financial statement is prepared as of November 30, 2016 and covers the interim period since the most recent audited financial statements.

**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**

**November 30, 2016**

Recap of All Funds	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	3,096,263.00	0.00	67,432,236.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	715,692.00	0.00	6,047,221.00
TOTAL CONTRACTUAL SERVICES	338,718.00	32,453.00	33,500,250.00
TOTAL OPERATING EXPENSES	129,418.00	81,856.00	1,164,795.00
TOTAL CAPITAL OUTLAY	0.00	3,173.00	215,076.00
TOTAL FIXED CAPITAL OUTLAY	618,386.00	0.00	5,275,000.00
TOTAL INTERAGENCY EXPENSES	43,448.00	0.00	21,229,894.00
TOTAL EXPENDITURES	<u>1,845,662.00</u>	<u>117,482.00</u>	<u>67,432,236.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>1,250,601.00</u>	<u>(117,482.00)</u>	<u>0.00</u>

Fund 01: General Fund	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	1,193,672.00	0.00	11,878,485.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	584,847.00	0.00	5,246,012.00
TOTAL CONTRACTUAL SERVICES	95,296.00	23,378.00	4,409,775.00
TOTAL OPERATING EXPENSES	48,540.00	77,143.00	792,714.00
TOTAL CAPITAL OUTLAY	0.00	3,173.00	92,032.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	1,337,952.00
TOTAL EXPENDITURES	<u>728,683.00</u>	<u>103,694.00</u>	<u>11,878,485.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>464,989.00</u>	<u>(103,694.00)</u>	<u>0.00</u>

Fund 2: Emergency Operations	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	0.00	0.00	0.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	15,875.00	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	<u>15,875.00</u>	<u>0.00</u>	<u>0.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>(15,875.00)</u>	<u>0.00</u>	<u>0.00</u>

*\*Salaries associated with Hurricane Hermine*

**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**

**November 30, 2016**

Fund 05: Middle Suwannee			
	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	380.00	0.00	589,083.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	380.00	9,075.00	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	<u>380.00</u>	<u>9,075.00</u>	<u>589,083.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>0.00</u>	<u>(9,075.00)</u>	<u>0.00</u>

Fund 06: Springs Appropriation			
	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	0.00	0.00	30,647,104.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	213.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	19,500.00	0.00	18,387,989.00
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	12,259,114.00
TOTAL EXPENDITURES	<u>19,713.00</u>	<u>0.00</u>	<u>30,647,103.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(19,713.00)</u>	<u>0.00</u>	<u>1.00</u>

Fund 07: Local Revenue			
	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	105,600.00	0.00	105,600.00
<b>EXPENDITURES</b>			
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	105,600.00
TOTAL EXPENDITURES	<u>0.00</u>	<u>0.00</u>	<u>105,600.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>105,600.00</u>	<u>0.00</u>	<u>0.00</u>

**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**

**November 30, 2016**

Fund 08: WMLTF / Springs			
	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	136,658.00	0.00	329,352.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	16,298.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	129,182.00	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	38,435.00
TOTAL EXPENDITURES	<u>145,480.00</u>	<u>0.00</u>	<u>329,352.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(8,822.00)</u>	<u>0.00</u>	<u>0.00</u>

Fund 10: Florida Forever & P-2000			
	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	1,372,610.00	0.00	7,000,000.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	17,050.00	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	618,386.00	0.00	5,000,000.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	2,000,000.00
TOTAL EXPENDITURES	<u>635,436.00</u>	<u>0.00</u>	<u>7,000,000.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>737,174.00</u>	<u>0.00</u>	<u>0.00</u>

Fund 12: DOT ETDM			
	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	111.00	0.00	0.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	1,865.00	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	<u>1,865.00</u>	<u>0.00</u>	<u>0.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(1,754.00)</u>	<u>0.00</u>	<u>0.00</u>

**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**

**November 30, 2016**

Fund 13: Land Management/Operations	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	247,712.00	0.00	4,237,071.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	96,043.00	0.00	801,208.00
TOTAL CONTRACTUAL SERVICES	40,797.00	0.00	2,088,829.00
TOTAL OPERATING EXPENSES	80,878.00	4,713.00	372,081.00
TOTAL CAPITAL OUTLAY	0.00	0.00	123,044.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	275,000.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	576,909.00
TOTAL EXPENDITURES	<u>217,718.00</u>	<u>4,713.00</u>	<u>4,237,071.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>29,994.00</u>	<u>(4,713.00)</u>	<u>0.00</u>

Fund 19: DOT Mitigation	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	3,458.00	0.00	1,074,132.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	226.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	1,074,131.00
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>226.00</u>	<u>0.00</u>	<u>1,074,131.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>3,232.00</u>	<u>0.00</u>	<u>1.00</u>

Fund 29: SRP	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	3,423.00	0.00	175,000.00
<b>EXPENDITURES</b>			
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	175,000.00
TOTAL EXPENDITURES	<u>0.00</u>	<u>0.00</u>	<u>175,000.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>3,423.00</u>	<u>0.00</u>	<u>0.00</u>

**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**

**November 30, 2016**

Fund 33: PCS Mitigation	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	300.00	0.00	0.00
<b>EXPENDITURES</b>			
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	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>300.00</u>	<u>0.00</u>	<u>0.00</u>

Fund 51: District Ag Cost Share	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	1,575.00	0.00	2,173,213.00
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	6,900.00	0.00	2,114,213.00
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	59,000.00
TOTAL EXPENDITURES	<u>6,900.00</u>	<u>0.00</u>	<u>2,173,213.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>(5,325.00)</u>	<u>0.00</u>	<u>0.00</u>

Fund 53: District River Cost Share	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
TOTAL REVENUES	1,152.00	0.00	4,947,184.00
<b>EXPENDITURES</b>			
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	43,448.00	0.00	4,677,884.00
TOTAL EXPENDITURES	<u>43,448.00</u>	<u>0.00</u>	<u>4,947,184.00</u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u>(42,296.00)</u>	<u>0.00</u>	<u>0.00</u>

**STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)**

**November 30, 2016**

Fund 56: FEMA Grants	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
<b>TOTAL REVENUES</b>	<b>29,613.00</b>	<b>0.00</b>	<b>3,124,112.00</b>
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	29,613.00	0.00	3,124,112.00
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
<b>TOTAL EXPENDITURES</b>	<u><b>29,613.00</b></u>	<u><b>0.00</b></u>	<u><b>3,124,112.00</b></u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u><b>0.00</b></u>	<u><b>0.00</b></u>	<u><b>0.00</b></u>

Fund 60: Reimbursable Grants	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
<b>REVENUES</b>			
FDOT LAP GRANT REVENUE	0.00	0.00	550,000.00
FDACS REVENUE	0.00	0.00	151,900.00
FFWC REVENUE	0.00	0.00	250,000.00
NFWF REVENUE	0.00	0.00	200,000.00
<b>TOTAL REVENUES</b>	<b>0.00</b>	<b>0.00</b>	<b>1,151,900.00</b>
<b>EXPENDITURES</b>			
TOTAL SALARIES AND BENEFITS	324.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	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
<b>TOTAL EXPENDITURES</b>	<u><b>324.00</b></u>	<u><b>0.00</b></u>	<u><b>1,151,900.00</b></u>
<b>EXCESS REVENUES OVER (UNDER) EXPENDITURES</b>	<u><b>(324.00)</b></u>	<u><b>0.00</b></u>	<u><b>0.00</b></u>

MEMORANDUM

TO: Roary E. Snider, Esq., Chief of Staff  
DATE: December 30, 2016  
RE: Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc., for the Steinhatchee Springs #17 Timber Sale

RECOMMENDATION

**District staff recommends the Governing Board Authorize the Executive Director to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc. for the Steinhatchee Springs #17 Timber Sale.**

BACKGROUND

On December 2, the District issued an Invitation to Bid (16/17-004AO) for timber located on 330 acres of the Steinhatchee Springs Tract in Lafayette County. The timber offered for sale is 19 and 23-year-old planted slash pine. The harvest plan of the sale is to reduce the density of the pines to approximately 40-60 sq. ft. of basal area per acre. This will reduce the number of diseased or suppressed trees and allow the best trees to grow. Reduction of pine density will also improve habitat by allowing more sunlight penetration to the forest floor, enhancing production of grasses.

The bids for the sale were received on December 19, 2016. Bids were received from the following companies. The total revenue estimates are based on the advertised volumes of pine pulpwood and pine chip-n-saw.

Bidder	City	Bid Calculation Revenue
North Fl. Timber Dealers	Lake City	\$157,460
M. A. Rigoni	Perry	\$149,600

North Fl. Timber Dealer's bid was \$11.87/ton for topwood, \$13.37/ton for pulpwood, \$25.25/ton for chip-n-saw.

Since this is an operator select sale, with no prior timber marking, estimates of value are more general. Historically, the District has received \$500 to \$850 per acre for this type of first thinning sale. Staff estimates the potential value for this sale at \$500 per acre or a total of \$165,000 since the growth estimates project a small percentage of chip-n-saw will be harvested with the pulpwood.

RGH/pf

MEMORANDUM

TO: Governing Board  
FROM: Roary E. Snider, Esq., Chief of Staff  
DATE: December 30, 2016  
RE: Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc., for the Steinhatchee Springs #18 Timber Sale

RECOMMENDATION

**District staff recommends the Governing Board Authorize the Executive Director to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc. for the Steinhatchee Springs #18 Timber Sale.**

BACKGROUND

On December 2, the District issued an Invitation to Bid (16/17-005AO) for timber located on 208 acres of the Steinhatchee Springs Tract in Lafayette County. The timber offered for sale is 23-year-old planted slash pine. The harvest plan of the sale is to reduce the density of the pines to approximately 40-60 sq. ft. of basal area per acre. This will reduce the number of diseased or suppressed trees and allow the best trees to grow. Reduction of pine density will also improve habitat by allowing more sunlight penetration to the forest floor, enhancing production of grasses.

The bids for the sale were received on December 19, 2016. Bids were received from the following companies. The total revenue estimates are based on the advertised volumes of pine topwood and pulpwood and pine chip-n-saw.

<b>Bidder</b>	<b>City</b>	<b>Bid Calculation Revenue</b>
North Fl. Timber Dealers	Lake City	\$132,355
M.A. Rigoni	Perry	\$125,603

North Fl. Timber Dealers' bid was \$11.87/ton for topwood, \$13.37/ton for pulpwood, \$25.25/ton for chip-n-saw.

Since this is an operator select sale, with no prior timber marking, estimates of value are more general. Historically, the District has received \$500 to \$850 per acre for this type of first thinning sale. Staff estimates the potential value for this sale at \$600 per acre or a total of \$145,600 since the growth estimates project a small percentage of chip-n-saw will be harvested with the pulpwood.

RGH/pf

MEMORANDUM

TO: Governing Board  
FROM: Roary E. Snider, Esq., Chief of Staff  
DATE: December 30, 2016  
RE: Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc., for the TRSF -17 Ellaville #14 Timber Sale

RECOMMENDATION

**District staff recommends the Governing Board Authorize the Executive Director to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc. for the TRSF-17 Ellaville #14 Timber Sale.**

BACKGROUND

On December 2, the District issued an Invitation to Bid (16/17-006AO) for timber located on 99 acres of the Ellaville Tract of Twin Rivers State Forest in Madison County. The timber offered for sale is 23-year-old planted longleaf pine. The harvest plan of the sale is to reduce the density of the pines to approximately 50-60 sq. ft. of basal area per acre. This will reduce the number of diseased or suppressed trees and allow the best trees to grow. Reduction of pine density will also improve habitat by allowing more sunlight penetration to the forest floor, enhancing production of grasses.

The bids for the sale were received on December 19, 2016. Bids were received from the following companies. The total revenue estimates are based on the advertised volumes of pine topwood and pulpwood and pine chip-n-saw.

<b>Bidder</b>	<b>City</b>	<b>Bid Calculation Revenue</b>
North Fl. Timber Dealers	Lake City	\$46,290
Harley Forest Products	Lake City	\$44,835
Flatwoods Forest Products	Lake Park, Ga	\$43,800
M.A. Rigoni	Perry	\$42,242
Genesis Timber	Madison	\$41,390

North Fl. Timber Dealers' bid was \$16.60/ton for topwood, \$18.10/ton for pulpwood, \$23.80/ton for chip-n-saw. Florida Forest Service staff cruised and marked this sale, so the value is expected to be within 10% of the bid estimate.

RGH/pf

MEMORANDUM

TO: Governing Board  
FROM: Roary E. Snider, Esq., Chief of Staff  
DATE: December 30, 2016  
RE: Authorization to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc. for the TRSF-17 Mill Creek South #9 Timber Sale

RECOMMENDATION

**District staff recommends the Governing Board Authorize the Executive Director to Execute a Contract for the Sale of Timber with North Florida Timber Dealers, Inc. for the TRSF-17 Mill Creek South #9 Timber Sale.**

BACKGROUND

On December 2, the District issued an Invitation to Bid (16/17-007AO) for timber located on 95 acres of the Mill Creek South Tract of Twin Rivers State Forest in Madison County. The timber offered for sale is 23-year-old planted longleaf pine. The harvest plan of the sale is to reduce the density of the pines to approximately 50-60 sq. ft. of basal area per acre. This will reduce the number of diseased or suppressed trees and allow the best trees to grow. Reduction of pine density will also improve habitat by allowing more sunlight penetration to the forest floor, enhancing production of grasses.

The bids for the sale were received on December 19, 2016. Bids were received from the following companies. The total revenue estimates are based on the advertised volumes of pine pulpwood and pine chip-n-saw.

<b>Bidder</b>	<b>City</b>	<b>Bid Calculation Revenue</b>
North Fl. Timber Dealers	Lake City	\$43,295
Harley Forest Products	Lake City	\$41,405
Flatwoods Forest Products	Lake Park, Ga	\$40,400
M.A. Rigoni	Perry	\$39,147
Genesis Timber	Madison	\$38,270

North Fl. Timber Dealers' bid was \$16.60/ton for topwood, \$18.10/ton for pulpwood, \$25.05/ton for chip-n-saw. Florida Forest Service staff cruised and marked this sale, so the value is expected to be within 10% of the bid estimate.

RGH/pf

## MEMORANDUM

TO: Governing Board  
FROM: Roary Snider, Chief of Staff, Administration and Operations  
DATE: December 30, 2016  
SUBJECT: District Land Management & Twin River State Forest (TRSF) Activity Summary

District contractors' roller-chopped approximately 245 acres in the Mallory Swamp tract to help facilitate prescribed burning. There are 2,000 acres targeted for roller-chopping during Fiscal Year (FY) 2017 in conjunction with a grant received from the Florida Forest Service to pay for practices that enhance the use of prescribed fire.

District staff partnered with Nick Upshaw, Boy Scout Troop 307 Eagle Scout candidate, to build a designated campsite on the 47 Bridge tract along the Santa Fe River. The Eagle Scout project will serve paddlers who do a multi-day trip on the Santa Fe River.

District staff participated in the Land Management Review Teams for Suwannee Ridge Wildlife Environmental Area, Twin River State Forest (Blue Springs Longleaf and Damascus tracts), and Suwannee River State Park.

TRSF staff provided the District with additional timber sale areas to be added to the FY 2017 timber harvest plan. The additional sales were added to begin the 10 year Forest wide efforts to improve overall forest health as discussed with District staff.

TRSF staff picked up and delivered several lowboy trailer loads of donated limerock boulders to the Pot Springs Recreation Area. These boulders will be used as a natural traffic barrier after the renovation of the Pot Springs Recreation Area.

TRSF staff completed 530 acres of timber inventory on the Withlacoochee tract (81% completed).

TRSF staff made repairs to the Ellaville Bluff Camp road.

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

/pf

**District Prescribed Fire Report**

**Summary Table FY 2017**

	<b>2016 Target Acres</b>	<b>Acres Complete</b>
SRWMD	11,000	64
FFS TRSF	2,000	0
<b>TOTAL</b>	<b>13,000</b>	<b>64</b>

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 (10/1 - 12/16)**

		B&B	NRPS	WFS	SRS	ATK-1	FFS COOP	FFS TRSF	Total Acres	Total Wildfire Acres
<b>TRACT</b>	<b>COUNTY</b>									
<b>Steinhatchee Springs</b>	<b>Lafayette</b>		64							
<i>Sub-total for Period</i>		0	64	0	0	0	0	0	64	0.00
<i>Previous Acres Burned</i>			0							
<b>Total Acres</b>			<b>64</b>						<b>64</b>	

## District Timber Sales

- Steinhatchee Springs #13 preharvest meeting was held on October 19, 2015 and harvesting started on November 5, 2015. The sale is now complete.
- Steinhatchee Springs #14 preharvest meeting was held on September 29, 2015 and harvesting started on December 4, 2015. Harvesting was stopped due to wet soil conditions after Tropical Storm Colin and Hurricane Matthew. The sale is now complete.
- Steinhatchee Springs #15 contract was executed and preharvest meeting was held on December 29, 2015. Harvesting started on May 23. Harvesting stopped after wet conditions following Tropical Storm Colin and Hurricane Matthew. The harvest is now complete.
- Steinhatchee Springs #16 contract was executed and preharvest meeting was held on January 11, 2016. Harvesting started on May 27. Harvesting was suspended on August 8 due to flooding. The sale is 65% complete. The harvest restarted on October 6. The contract is being extended due to wet weather from TS Colin and Hurricane Hermine.
- 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.

Tract	Contract	Acres	Tons Harvested	Revenue	Status	Contract End Date
Steinhatchee Springs #13	14/15-198	241	10,185	\$175,733.86	Complete	December 30, 2016*
Steinhatchee Springs #14	14/15-197	172	12,260	\$244,260.41	Complete	February 28, 2017*
Steinhatchee Springs #15	15/16-045	196	5,305	\$88,385.64	Harvest Complete	December 30, 2016
Steinhatchee Springs #16	15/16-046	422	13,157	\$243,864.17	Harvest Underway	December 30, 2016*
Mattair Springs #4	15/16-056	196	4,675	\$86,486.93	Harvest Stopped	February 28, 2017
Steinhatchee Springs #17	Pending	303			Bids received	
Steinhatchee Springs #18	Pending	208			Bids received	

- \*Suspended for wet weather. The contract was extended for the number of days lost due to wet conditions.

## District Conservation Easement Monitoring

- Management Plans are under review for the Hancock Cedar Ridge and Otter Creek CEs and Weyerhaeuser Gainesville Wellfield CE

## Twin River State Forest Timber Sales

Tract	Contract	Acres	Tons Harvested	Revenue	Status	Contract End Date
Mill Creek South #8	15/16-096	420	34,199	\$492,905.07	Harvest Complete	November 9, 2016**
Mill Creek South #9	Pending	95			Bids received	
Ellaville #14	Pending	99			Bids received	

MEMORANDUM

TO: Governing Board  
 FROM: Roary E. Snider, Esq., Chief of Staff  
 DATE: December 30, 2016  
 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
SRWMD	Sandlin Bay Sale/Exchange to U.S. Forest Service	2,023	Columbia	Governing Board Accepted USFS offer to purchase 623-acre fee tract 10/13/2015.
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 Complete. Appraisal 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.

Authorized for Surplus (continued)

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 <sup>th</sup> 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, Division Director, Water Resources

DATE: December 30, 2016

RE: Authorization to contract with Soil and Water Engineering Technology, Inc. for feasibility studies, designs, and construction/operation plans of nutrient treatment projects near Ravine and Convict Springs

### RECOMMENDATION

**Staff recommends the Governing Board authorize the Executive Director to contract with Soil and Water Engineering Technology, Inc. to provide feasibility studies, designs, and construction/operation plans of nutrient treatment projects near Ravine and Convict Springs for a total cost not to exceed \$38,415.00.**

### BACKGROUND

On September 29, 2016 the Suwannee River Water Management District (District) entered into a grant agreement (Contract #15/16-111) with the Florida Department of Environmental Protection (FDEP) to design, build, and monitor nutrient removal projects intended to denitrify groundwater in the capture zones of two 3<sup>rd</sup> magnitude springs that flow into the Suwannee River. FDEP is providing up to \$600,000 for this project. Both Ravine and Convict Springs have consistently had nitrate-nitrogen levels above the primary drinking water standard of 10 mg N-NO<sub>x</sub>/L. Ravine Spring is located on the east bank of the middle Suwannee River in Suwannee County, Florida, about 6.5 miles east of Mayo, and Convict Spring is located at the Suwannee River Rendezvous Resort and Campground on the west bank of the middle Suwannee River in Lafayette County, Florida, about five miles northeast of Mayo (Figure 1).

The District is currently negotiating license agreements with two dairies located near these springs to host the nutrient removal systems. Soil and Water Engineering Technology, Inc. (SWET) is one of the firms on the District's approved engineering contractor list and has recent, specific and pertinent experience designing, building, and monitoring similar nutrient removal systems at Watson Dairy and Alliance Dairy in Gilchrist County.

District staff estimates that \$38,415.00 is required for the proposed work, which will be reimbursed by FDEP. Funds are available in the Fiscal Year 2017 Water Resource Monitoring Budget under #06-2-586-2-2201-29-03.

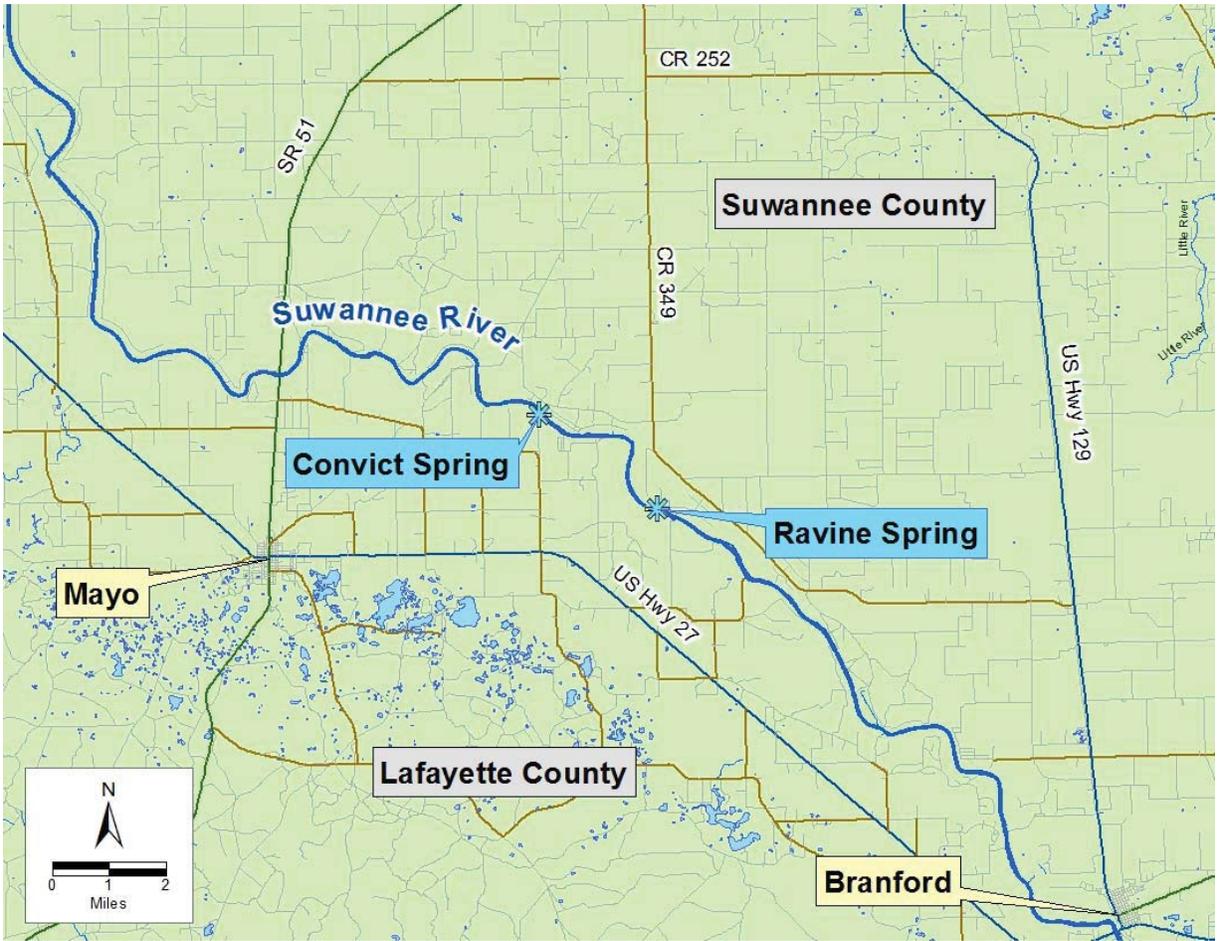


Figure 1. Map showing the location of Ravine Spring in Suwannee County and Convict Spring in Lafayette County, Florida.

MM/pf

## MEMORANDUM

TO: Governing Board

FROM: Tom Mirti, Division Director, Water Resources

DATE: December 30, 2016

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 412 (84.5 MGD) monitoring points.

Not all withdrawal points are suitable for estimation using power consumption. Diesel-powered pumps and complex interconnected irrigation systems still require direct methods of monitoring. The District employs telemetry to conduct water use monitoring on diesel-power systems. There are currently 254 (45.4 MGD) telemetry (only) systems installed by the District for this purpose. There are another 43 telemetry systems installed at electric use monitoring sites in order to QA the monthly power consumption records, for a total of 297 telemetry systems installed.

To date, the District has permitted 1,367 (208.1 MGD) irrigation wells which include a water use monitoring condition, of which 1,112 (176.3 MGD) wells are active, i.e., the wells have been drilled already. Of the 1,112 active wells, 907 (147.8 MGD) are being monitored as of December 23, 2016, roughly 81.6% of existing active wells (83.8% of allocation) with water use permit monitoring conditions.

Of the remaining estimated 205 (28.5 MGD) active stations that currently will require water use monitoring, 18 (1.9 MGD) are diesel- or gas-powered systems requiring District telemetry, 149 (22.4 MGD) are electric systems, and 38 (4.2 MGD) systems still require identification. There are 255 (31.7 MGD) proposed stations (that is, the wells are yet to be drilled); 50 (4.3 MGD) are expected to be diesel or gas, 145 (22.4 MGD) are expected to be electric, and 60 (5.0 MGD) are yet to be determined.

THM/pf

## MEMORANDUM

TO: Governing Board  
FROM: Tom Mirti, Division Director, Water Resources  
DATE: December 30, 2016  
RE: Monitoring Well Network Improvement Plan

# Update on Monitoring Well Network Progress

## BACKGROUND

On October 19, 2016 the District issued Task Work Assignment 2 (TWA2) to Huss Drilling (Huss), the low bidder for ITB15/16-029WR, and a Notice to Proceed was given to Huss the same day. To date, drilling has been completed at four of the six locations on the TWA.

During the past month, the well site Roline Tract in northeast Hamilton County was completed with upper Floridan and surficial aquifer wells on December 16, 2016. Drilling of the Floridan Aquifer well was also completed at the District's Mill Creek North tract in southeast Madison County on December 22, 2016. Completion of this site and initial borings at the Wacissa Tower site in Jefferson County will begin in early January, 2017.

The work is funded by District reserves and is included in the current fiscal year budget. Staff and the District Contractor, Barnes, Ferland and Associates, have scheduled a field trip in January to finalize locations for a third round of well installations.

THM/pf

## MEMORANDUM

TO: Governing Board

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

DATE: December 30, 2016

RE: Approval of a Modification of Water Use Permit 2-041-215973-2, with a 0.0312 mgd Increase in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.0853 mgd of Groundwater for Agricultural Use at the Philip Sassoon Project, Gilchrist County

### RECOMMENDATION

**Staff recommends the Governing Board approve Water Use Permit number 2-041-215973-2 with seventeen standard conditions and seven special limiting conditions, to Philip Sassoon, 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 78 controlled acres and is located half a mile west of US-129 on CR-236 in Gilchrist County. Approximately 65 acres of corn, peanuts, or rye is irrigated using groundwater from one well through one center pivot. The District's WUPAR model was used to determine the supplemental irrigation requirement for corn, and GWRAPPS was used determine the supplemental irrigation requirements for peanuts and rye. The application review resulted in a 0.0312 mgd increase in allocation, from 0.0541 mgd to 0.0853 mgd in 1-in-10 year drought conditions.

The single 8-inch irrigation well will be monitored using electrical consumption. There are no lower quality water sources currently available for use, and no reports of interference or observed harm to water resources associated with previous withdrawals at this project have been reported. 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  
15-Dec-2016  
APPLICATION #: 2-041-215973-2

**Owner:** Philip Sassoon  
PO Box 13  
Bell, FL 32619  
(352) 339-3154

**Applicant:** Philip Sassoon  
PO Box 13  
Bell, FL 32619  
(352) 339-3154

**Agent:** Rodney Watson  
83 Farms, LLC  
6510 N US HWY 129  
BELL, FL 32619  
(386) 935-4499

**Compliance Contact:** Rodney Watson  
83 Farms, LLC  
6510 N US HWY 129  
BELL, FL 32619  
(386) 935-4499

**Project Name:** Philip Sassoon  
**County:** Gilchrist

**Located in WRCA:** No  
**Objectors:** No

**Authorization Statement:**

The permittee is authorized to withdraw a maximum of 0.0853 mgd of groundwater for supplemental irrigation of corn/ rye, or a maximum of 0.0552 mgd of groundwater for supplemental irrigation of peanuts/ rye.

**Recommendation:** Approval

**Reviewers:** Tim Sagul; Stefani Leavitt; Warren Zwanka

**WATER USE SUMMARY:**

<b>Allocation Summary</b>		
<b>Average Daily Rate (Million Gallons Per Day)</b>	<b>Freeze Protection (Million Gallons Per Year)</b>	<b>New Water to Average Daily Rate (Million Gallons Per Day)</b>
0.0853	0.0000	0.0312

**Recommended Permit Duration and Compliance Reporting:** 10-year permit extension; to expire December 19, 2032.

**USE STATUS:** This is a modification of an existing agricultural use.

**PROJECT DESCRIPTION:**

This project is located on CR 236, half a mile west of US-129 in Bell, in Gilchrist County and consists of 79 controlled and 65 irrigated acres. Groundwater from one well is used to irrigate a corn/ rye or peanut/ rye rotation.

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 1<sup>st</sup> to August 15<sup>th</sup>. The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Peanuts grown from April 1 to October 15: 9.38 inches/ year

Rye grown from November 1 to March 1: 2.03 inches/ year

**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, 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 a new or retrofitted pivot system and efficiency testing that system every 5 years to maintain a distribution uniformity of 80% or greater, ensuring automated end gun shutoffs are working properly and only watering target crops, scheduling irrigation events based on IFAS or NRCS approved methods as well as using soil moisture probes, 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 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:** Philip Sassoon

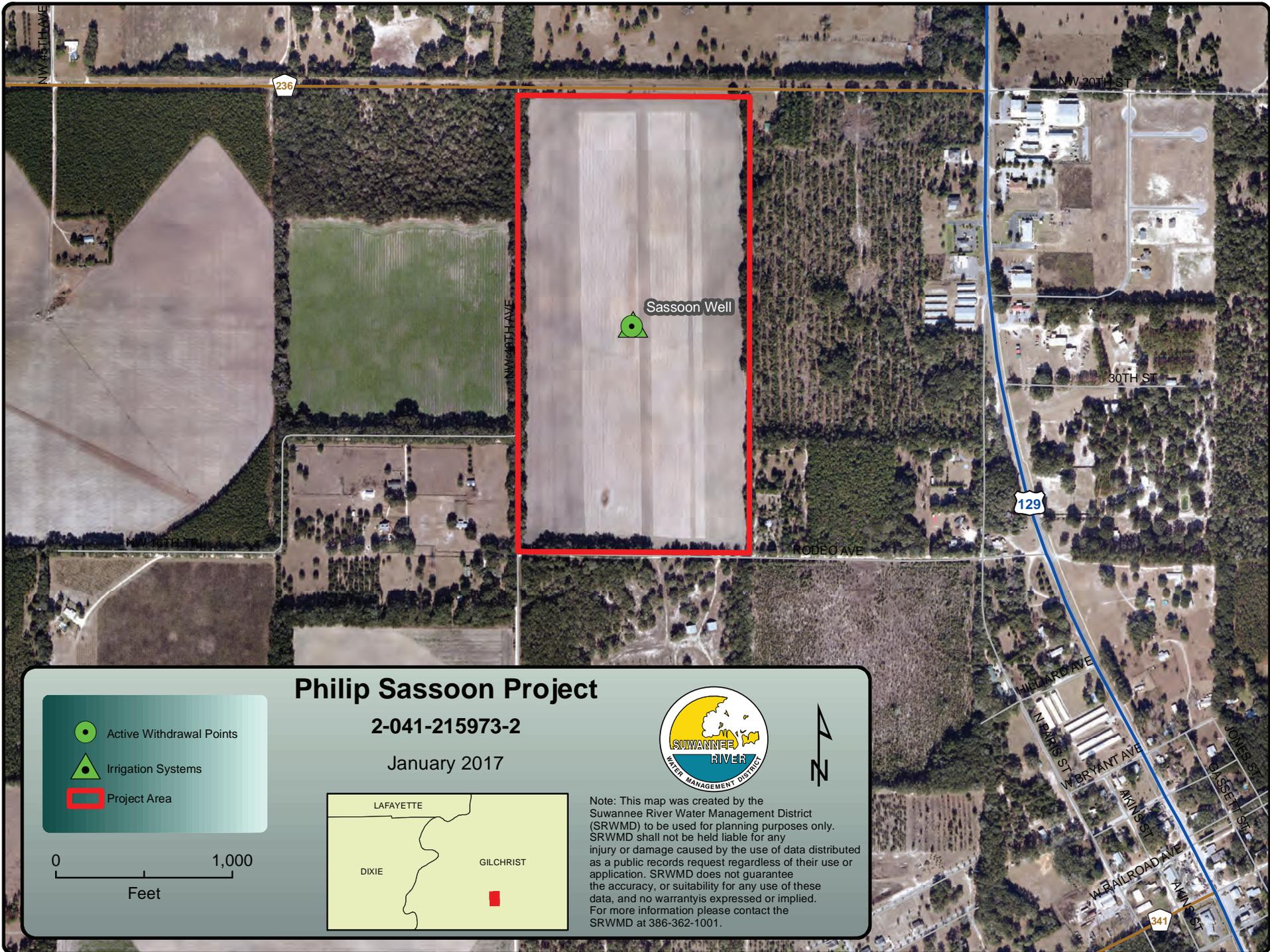
Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
127533	Sassoon Well	8	--	UFA	Active	Agricultural

## 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 **12/19/2032**. 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 (**2-041-215973-2**).
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 0.0853 mgd of groundwater for supplemental irrigation of corn/ rye, or a maximum of 0.0552 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.



# Philip Sassoon Project

2-041-215973-2

January 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: December 30, 2016

RE: Approval of a Modification of Water Use Permit 2-041-220384-2, with a 0.0042 mgd Increase in Allocation and an Eight-Year Permit Extension, Authorizing the Use of 0.0971 mgd of Groundwater for Agricultural Use at the John Chastain Farm Project, Gilchrist County

### RECOMMENDATION

**Staff recommends the Governing Board approve Water Use Permit number 2-041-220384-2 with seventeen standard conditions and eight special limiting conditions, to John Chastain, in Gilchrist County.**

### BACKGROUND

This is a modification of an existing agricultural water use to receive an eight-year extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 79.5 controlled acres located one mile east of US-129 and two miles north of Bell in Gilchrist County. Approximately 65 acres of corn, peanuts, or rye will be irrigated using groundwater from one well through two center pivots. Groundwater is also used to provide water to approximately 100 head of cattle. The District's WUPAR model was used to determine the supplemental irrigation requirement for corn, and GWRAPPS was used determine the supplemental irrigation requirements for peanuts and rye. Livestock watering requirements were determined using the industry standard 15 gallons per head per day. The application review resulted in a 0.0042 mgd increase in allocation, from 0.0929 mgd to 0.0971 mgd in 1-in-10 year drought conditions.

The single 8-inch irrigation well will be monitored using electrical consumption. There are no lower quality water sources currently available for use; and no reports of interference or observed harm to water resources associated with previous 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  
 29-Nov-2016  
 APPLICATION #: 2-041-220384-2

**Owner:** John Chastain  
 5619 NW 37th Ct  
 Bell, FL 32619-4073  
 (386) 935-0077

**Applicant:** John Chastain  
 5619 NW 37th Ct  
 Bell, FL 32619-4073  
 (386) 935-0077

**Agent:** Rodney Watson  
 83 Farms, LLC  
 6510 N US HWY 129  
 Bell, FL 32619  
 (386) 935-4499

**Compliance Contact:** Rodney Watson  
 83 Farms, LLC  
 6510 N US HWY 129  
 Bell, FL 32619  
 (386) 935-4499

**Project Name:** John Chastain Farm  
**County:** Gilchrist

**Located in WRCA:** No  
**Objectors:** No

**Authorization Statement:**

The permittee is authorized to withdraw a maximum of 0.0956 mgd of groundwater for supplemental irrigation of corn/ rye or a maximum of 0.0774 mgd of groundwater for supplemental irrigation of peanuts/ rye. The permittee is also authorized to withdraw a maximum of 0.0015 mgd of groundwater for livestock watering.

**Recommendation:** Approval

**Reviewers:** Tim Sagul; Stefani Leavitt; Warren Zwanka

**WATER USE SUMMARY:**

<b>Allocation Summary</b>		
<b>Average Daily Rate (Million Gallons Per Day)</b>	<b>Freeze Protection (Million Gallons Per Year)</b>	<b>New Water to Average Daily Rate (Million Gallons Per Day)</b>
0.0971	0.0000	0.0042

**Recommended Permit Duration and Compliance Reporting:** 8-year permit extension; to expire April 11, 2036.

**USE STATUS:** This is a modification of an existing agricultural use to add voluntary monitoring of groundwater withdrawals and receive an 8-year permit extension.

**PROJECT DESCRIPTION:**

The project is located on NW 20<sup>th</sup> Avenue, one mile east of US-129 and approximately two miles north of Bell in Gilchrist County. The project consists of 79.5 controlled and 65 irrigated acres. Groundwater from one irrigation well is used to irrigate a corn/ rye or peanut/ rye rotation through two center pivots. Groundwater from one livestock well is also used to provide the watering requirements of approximately 100 head of beef cattle.

The permittee has elected to provide SRWMD electrical consumption of all wells 8-inches in diameter or greater (1 of 2) to comply with the water use reporting requirement 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 1<sup>st</sup> to August 15<sup>th</sup>. The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Peanuts grown from April 1 to October 15: 11.85 inches/ year  
Rye grown from November 1 to March 1: 4.16 inches/ year

The industry standard 15 gallons per cow per day was used to calculate the livestock water demand.

**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, 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 a distribution uniformity of 80% or greater, ensuring automated end gun shutoffs are working properly and only watering target crops, scheduling irrigation events based IFAS or NRCS approved methods as well as using soil moisture probes, 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 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:** John Chastain Farm

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
118973	Well No. 2	2	15	FAS - Upper Floridan Aquifer	Active	Agricultural
120093	Well No. 1	8	600	FAS - Upper Floridan Aquifer	Active	Agricultural

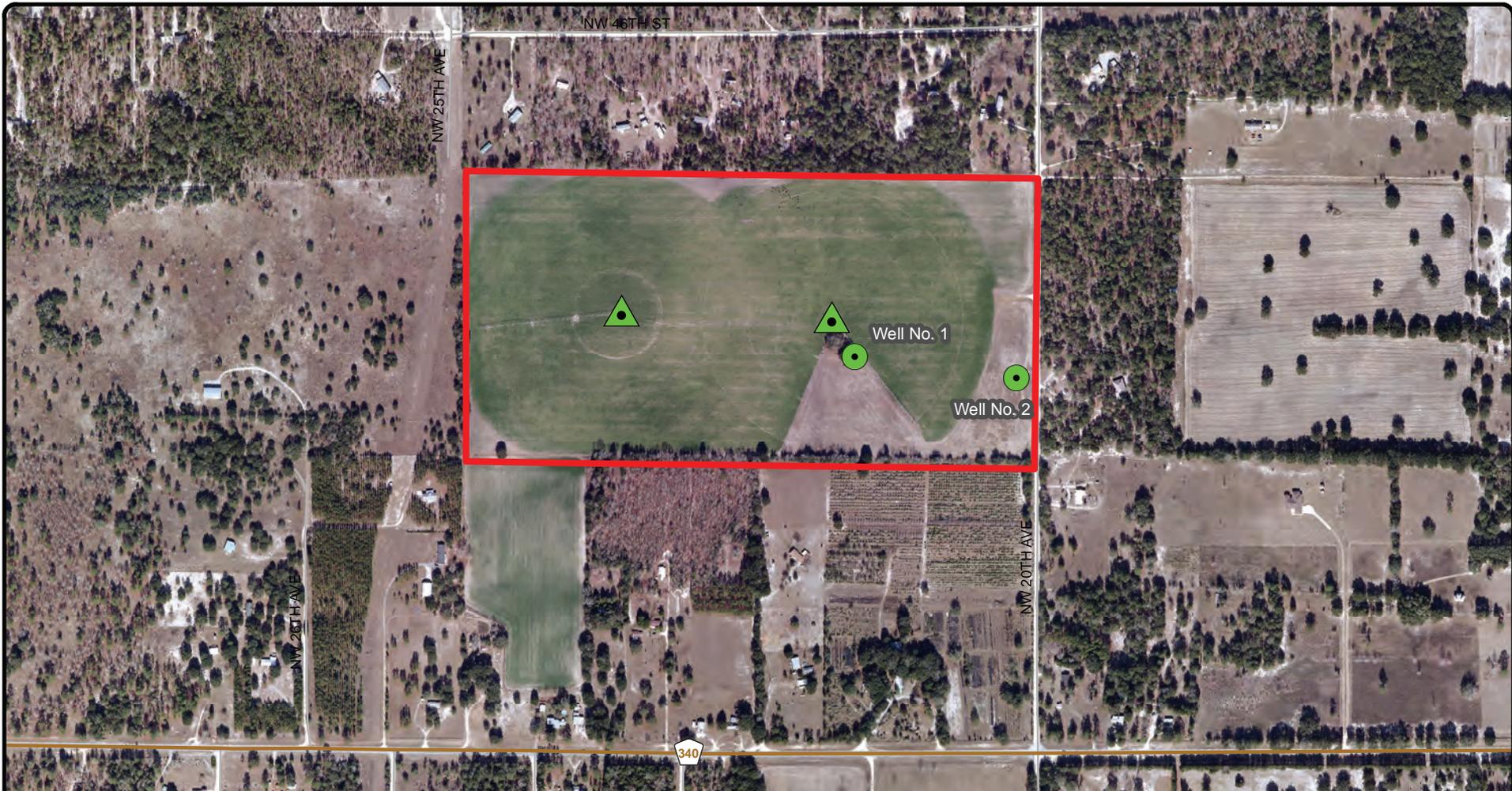
## Conditions

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 **4/11/2036**. 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 **(2-041-220384-2)**.
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 0.0956 mgd of groundwater for supplemental irrigation of corn/ rye or a maximum of 0.0774 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 0.0015 mgd of groundwater for livestock watering. Daily allocations are calculated on an average annual basis.



# John Chastain Farm Project

2-041-220384-2

January 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: December 30, 2016

RE: Approval of a Modification of Water Use Permit 2-041-220551-2, with a 0.0738 mgd Increase in Allocation and a Five-Year Permit Extension, Authorizing the Use of 0.1286 mgd of Groundwater for Agricultural Use at the Rush Farm Project, Gilchrist County

### RECOMMENDATION

**Staff recommends the Governing Board approve Water Use Permit number 2-041-220551-2 with seventeen standard conditions and seven special limiting conditions, to John Rush, in Gilchrist County.**

### BACKGROUND

This is a modification of an existing agricultural water use to receive a five-year extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 115 controlled acres located on CR-340, two miles north of Bell, in Gilchrist County. Approximately 90 acres of corn, peanuts, or rye will be irrigated using groundwater from one well through two center pivots. The District's WUPAR model was used to determine the supplemental irrigation requirement for corn, and GWRAPPS was used determine the supplemental irrigation requirements for peanuts and rye. The application review resulted in a 0.0738 mgd increase in allocation, from 0.0548 mgd to 0.1286 mgd in 1-in-10 year drought conditions.

The single 8-inch irrigation well will be monitored using electrical consumption. There are no lower quality water sources currently available for use; and no reports of interference or observed harm to water resources associated with previous 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  
29-Nov-2016  
APPLICATION #: 2-041-220551-2

**Owner:** John Rush  
PO Box 533  
Bell, FL 32619  
(386) 935-4499

**Applicant:** John Rush  
PO Box 533  
Bell, FL 32619  
(386) 935-4499

**Agent:** Rodney Watson  
83 Farms, LLC  
6510 N US Highway 129  
Bell, FL 32619  
(386) 935-4499

**Compliance Contact:** Rodney Watson  
83 Farms, LLC  
6510 N US Highway 129  
Bell, FL 32619  
(386) 935-4499

**Project Name:** Rush Farm  
**County:** Gilchrist

**Located in WRCA:** No  
**Objectors:** No

**Authorization Statement:**

The permittee is authorized to withdraw a maximum of 0.1286 mgd of groundwater for supplemental irrigation of corn/ rye or a maximum of 0.0991 mgd of groundwater for supplemental irrigation of peanuts/ rye.

**Recommendation:** Approval

**Reviewers:** Tim Sagul; Stefani Leavitt; Christina Carr; Warren Zwanka

**WATER USE SUMMARY:**

<b>Allocation Summary</b>		
<b>Average Daily Rate (Million Gallons Per Day)</b>	<b>Freeze Protection (Million Gallons Per Year)</b>	<b>New Water to Average Daily Rate (Million Gallons Per Day)</b>
0.1286	0.0000	0.0738

**Recommended Permit Duration and Compliance Reporting:** 5-year permit extension; to expire March 11, 2036.

**USE STATUS:** This is a modification to update irrigated acres, crop rotations, and add voluntary monitoring of groundwater withdrawals to receive a 5-year permit extension.

**PROJECT DESCRIPTION:**

This project is located on CR-340, two miles north of Bell in Gilchrist County and consists of 115 controlled and 90 irrigated acres. Groundwater from one well is used to irrigate a corn/ rye or peanut/ rye rotation through two center pivots.

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 1<sup>st</sup> to August 15<sup>th</sup>. The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Peanuts grown from April 1 to October 15: 11.21 inches/ year

Rye grown from November 1 to March 1: 3.59 inches/ year

**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, 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 a new or retrofitted pivot system and efficiency testing that system every 5 years to maintain a distribution uniformity of 80% or greater, ensuring automated end gun shutoffs are working properly and only watering target crops, scheduling irrigation events based IFAS or NRCS approved methods as well as using soil moisture probes, 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 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:** Rush Farm

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
118812	Well #1	8	600	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 **3/11/2036**. 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 (**2-041-220551-2**).
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 0.1286 mgd of groundwater for supplemental irrigation of corn/ rye or a maximum of 0.0991 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.



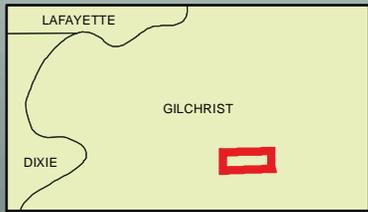
# Rush Farm Project

2-041-220551-2

January 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, Division Director, Resource Management

DATE: December 30, 2016

RE: Approval of Florida Department of Transportation Mitigation Plan  
2017-2021

### RECOMMENDATION

## **Staff requests that the Governing Board approve the Florida Department of Transportation Mitigation Plan 2017-2021.**

### BACKGROUND

Section 373.4137, Florida Statute identifies an environmental mitigation process for transportation projects. The statute requires that mitigation for transportation projects be accomplished through regional, long-term planning instead of on a project-by-project basis. The statute also requires that the Florida Department of Transportation (FDOT) fund the mitigation and the District carry out the plans.

Each year, FDOT submits a work plan to the District that identifies environmental impacts from planned transportation projects. District staff is required to develop a mitigation plan capable of securing all state and federal permits for the impacts. The mitigation plan must be updated each year for approval by the District's Governing Board.

This approved plan forms the basis of permit review by the District for state road projects during the year. Along with adequate mitigation, the District is also responsible for securing the Army Corps of Engineers permit, if applicable.

This year's plan adds no new projects and provides the status of the all ongoing projects. Location of impacts and additional mitigation information is in the attached report.

PW/tm

**Florida Department of Transportation  
Mitigation Plan**

**2017 - 2021**

**Suwannee River Water  
Management District**

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## **EXECUTIVE SUMMARY**

In accordance with 373.4137, Florida Statutes, the Suwannee River Water Management District (District) must develop and implement regional, long-range mitigation planning for wetland impacts associated with Florida Department of Transportation (FDOT) projects.

The FDOT has no new projects for 2017.

A total of 15 wetland mitigation projects have been initiated since 1996, 12 of which have been completed. The District has received a sum total of \$6,060,856 from FDOT for wetland mitigation activities.

## **BACKGROUND INFORMATION**

Section 373.4137, Florida Statutes, states that environmental mitigation for the impact of transportation projects proposed by the FDOT can be more effectively achieved by regional, long-range mitigation planning rather than on a project-by-project basis. The statute sets forth specific language designed to provide funding to the Florida Department of Environmental Protection (FDEP) and the water management districts (WMDs) to develop mitigation to offset wetland impacts from FDOT road projects. The FDOT must submit to the WMDs an environmental impact inventory containing a list of projects with proposed wetland impacts. The list is published at least three years prior to planned construction. Based on the yearly inventory, WMD staff develops a mitigation plan capable of securing all local, regional, state, and federal permits for the proposed impacts.

The statute requires each WMD in consultation with the FDEP, the United States Army Corps of Engineers (USACE), and other appropriate federal, state, and local governments, to develop a mitigation plan for presentation to the Governing Boards of the WMD's for approval before March 1<sup>st</sup> each year. Once the mitigation plan is approved, the WMDs issue permits for the work, apply for USACE permits, and implement mitigation projects as outlined in the mitigation plan.

FDOT wetland impacts in the District have or will occur in the river basins of the Santa Fe, Withlacoochee, Waccasassa, Steinhatchee, Fenholloway, Econfina, and Suwannee Rivers (Figure 1). This mitigation plan is designed to provide in-kind mitigation for impacted wetlands within the same basin the impacts occur. The plan consists of one or more mitigation alternatives for each FDOT project (Figure 2). In some cases, alternatives include more than one mitigation project that, when taken together, yield an alternative that will offset the FDOT impacts and secure the appropriate permits.

Mitigation planning projects undertaken since February of 2004 have used the Uniform Mitigation Assessment Method (UMAM), in accordance with chapter 62-345, F.A.C., to calculate the gain for each mitigation proposal. For these projects, the Relative Functional Gain of the proposed mitigation is used in place of wetland mitigation ratios.

## **NEW MITIGATION PROJECTS**

There are no new mitigation projects.

## **ONGOING MITIGATION PROJECTS**

### 1) FDOT Project: CR 231 New River Bridge Replacement

FDOT will construct a new bridge over the New River on CR 231 in Union County and the anticipated construction date is December 2, 2019. FDOT has estimated that 1.5 acres of wetlands (FLUCCS 615) will be impacted as a result of the project requiring approximately 1.3 UMAM credits. The project will occur in the Santa Fe River basin and the mitigation will occur in the same basin. The mitigation for the project will occur at the Edwards Bottomland (EBL) mitigation site located in the Santa Fe River Basin which consists of wetland/hydrologic restoration, enhancement, and creation plus the invasive species removal and control implemented at EBL. It is estimated that the total projected mitigation costs are \$181,890.00 for the 1.3 mitigation credits.

### 2) FDOT Project: Construction of Westbound Turn Lane - SR 26 and SE 25<sup>th</sup> Avenue

Construction of a westbound turn lane on SR 26 at the SE 25<sup>th</sup> Avenue intersection will impact approximately one acre of wetlands (FLUCCS 630) in Gilchrist County in the Waccasassa River Basin. The construction of the westbound turn lane is a safety project. The date for the submittal of the permit application has been estimated to occur on or about February 21, 2017 and the estimated date construction will begin on the project is estimated to be 2019. Mitigation credits will be purchased at the Gulf Coast Mitigation Bank located at Cedar Key. Total projected mitigation credit costs are calculated to be \$121,260.00.

### 3) FDOT Project: Starke By-Pass Project (SR 223) Mitigation Project: Starke Bypass Mitigation Area (SBMA)

New roadway corridor which will bypass around the City of Starke in Bradford County. Project will impact 58.06 acres of wetlands with a net functional loss of 46.470 UMAM credits. A Wetland Mitigation Project to offset these impacts was advertised under a Low Bid Design-Build procedure. The District awarded the contract to one of two shortlisted design-build firms. The winning bid was \$2,980,000 submitted by Alligator Creek Mitigation Bank, LLC. Alligator Creek Mitigation Bank, LLC, initiated construction activities in December 2015. Construction is about 95% complete.

## **COMPLETED MITIGATION PROJECTS**

### **AUCILLA RIVER BASIN**

- 1) FDOT Project: US 98 Aucilla Bridge Replacement  
Mitigation Project: San Pedro Bay Mitigation Bank

Replacement of US 98 Bridge across Aucilla River impacted 5.7 acres of wetlands. Mitigation included purchase of mitigation credits from San Pedro Bay Mitigation Bank, and water quality improvements for District owned Cabbage Grove and Mt. Gilead tracts. Mitigation credits (0.87 units) were purchased in November 2010, by the District using a total of \$43,500 in funding received from the FDOT. District staff met with USACE and FDOT representatives in 2016 to evaluate the success of the mitigation project. It was determined that an additional 0.4 mitigation credits would be required to complete the project. It is estimated that FDOT will purchase these mitigation credits from the San Pedro Bay Mitigation Bank sometime in early 2017.

### **UPPER SUWANNEE RIVER BASIN**

- 1) FDOT Project: CR 143 Road Widening  
Mitigation Project: Woods Ferry Hydrologic Enhancements

Widening of CR 143 in Hamilton County from CR 146 to I-75 impacted approximately 1.23 acres of wetlands. District contracted with consultants to identify, evaluate, and construct mitigation activities within District-owned Woods Ferry Tract in Suwannee County. Mitigation involved hydrologic enhancement of seven wetland sites by improving drainage features to restore natural water flow. Mitigation activities were completed in November 2006. District received \$110,970 from FDOT. Evaluation of mitigation success was conducted by Jones, Edmunds and Associates in 2010 and shown to have met mitigation requirements.

### **WACCASSASSA RIVER BASIN**

- 1) FDOT Project: SR 24 Widening from U.S. 19 to Rosewood  
Mitigation Project: Devil's Hammock Hydrological Enhancement and Preservation

Widening of SR 24 in Levy County impacted 9.95 acres of wetlands. The District contracted with consultants to identify, evaluate, and construct mitigation activities within District-owned Devils Hammock in Levy County. Mitigation provided hydrologic enhancement of multiple wetland sites by improving drainage features to restore natural water flow. Mitigation activities were completed in January 2007. District received \$180,913 from FDOT. Evaluation of mitigation success was conducted by Jones, Edmunds and Associates in 2010 and shown to have met mitigation requirements.

- 2) FDOT Project: US 27/SR 500 Widening  
Mitigation: 1. Cedar Key Water Quality Restoration Project  
2. Cow Creek Road Restoration  
3. Wetland Preservation

Widening of US 27/SR 500 from Chiefland to Bronson impacted 23.0 acres of wetlands. Mitigation involved improvements to the Cedar Key storm water system to prevent discharge of sediments, nutrients, bacteria, and heavy metals into the Gulf of Mexico. In addition, natural water flow into wetlands was restored within the Goethe State Park, and approximately 1,000 acres of wetlands in Levy County were preserved by conservation easements to the District. Mitigation activities were completed in May 2007. District received \$1,713,490 from FDOT. Mitigation success will be evaluated by District staff in 2017.

## **SANTA FE BASIN**

- 1) FDOT Project: US 441 Santa Fe River Bridge Replacement  
FDOT Project: SR 121 Santa Fe River Bridge Replacement  
Mitigation Project: Alligator Lake Surface Water Improvement and Management (SWIM) Program

Replacement of the bridges impacted 2.3 acres of wetlands. Mitigation restored natural water flow between wetlands adjacent to Alligator Lake and Price Creek (both in Columbia County). Mitigation activities were completed in March 2001. District received \$60,000 from FDOT. Mitigation success will be evaluated in 2017.

- 2) FDOT Project: CR 231 Road Widening  
Mitigation Project: Floodplain Restoration at San Felasco Hammock State Preserve

Widening of CR 231 in Union County between SR 100 and the Baker County line impacted 1.96 acres of wetlands. Mitigation restored natural water flow, and removal of exotic plant species within wetlands in San Felasco Hammock State Preserve (Alachua County). Construction activities were completed in August 2004, and exotic plant removal was completed in June, 2011. The District received a total of \$166,476 from FDOT for wetland mitigation and a final report from FDEP in January, 2011. Mitigation success will be evaluated in 2017.

- 3) FDOT Project: CR 229 New River Bridge Replacement  
Mitigation: Lake Rowell Tract Restoration/Enhancement

Replacement of CR 229 Bridge over the New River between Union and Bradford counties impacted 2.44 acres of wetlands. Mitigation restored natural water connections between Alligator Creek and Lake Rowell (both in Bradford County). District received \$180,214 from FDOT. Mitigation activities were completed in 2006. Mitigation success was evaluated in 2012. Mitigation activities conducted at the CR 229

Bridge and the Lake Rowell project area were evaluated in 2013 and deemed to be a success. Management of invasives is ongoing and District staff will evaluate success in 2017.

## **STEINHATCHEE RIVER BASIN**

- 1) FDOT Project: SR 51 Road Widening Taylor County  
Mitigation Project: Steinhatchee River Basin Hydrological Improvements

Widening of SR 51 impacted 3.5 acres of wetlands in 2002. Mitigation restored natural water connections for wetlands in District owned Steinhatchee Springs Tract. District received \$279,174 from FDOT. Mitigation success will be evaluated in 2017.

- 2) FDOT Project: SR 51 Road Widening Taylor and Dixie Counties  
Mitigation Project: San Pedro Bay Mitigation Bank

Widening of SR 51 in Dixie and Taylor Counties from the town of Steinhatchee to the Dixie/Lafayette County line impacted 1.27 acres of wetlands. Mitigation was by purchase of mitigation credits from San Pedro Bay Mitigation Bank. District received \$10,200 from FDOT for mitigation. District purchased 0.6 mitigation credits from San Pedro Mitigation Bank in 2006.

## **WITHLACOOCHEE RIVER BASIN**

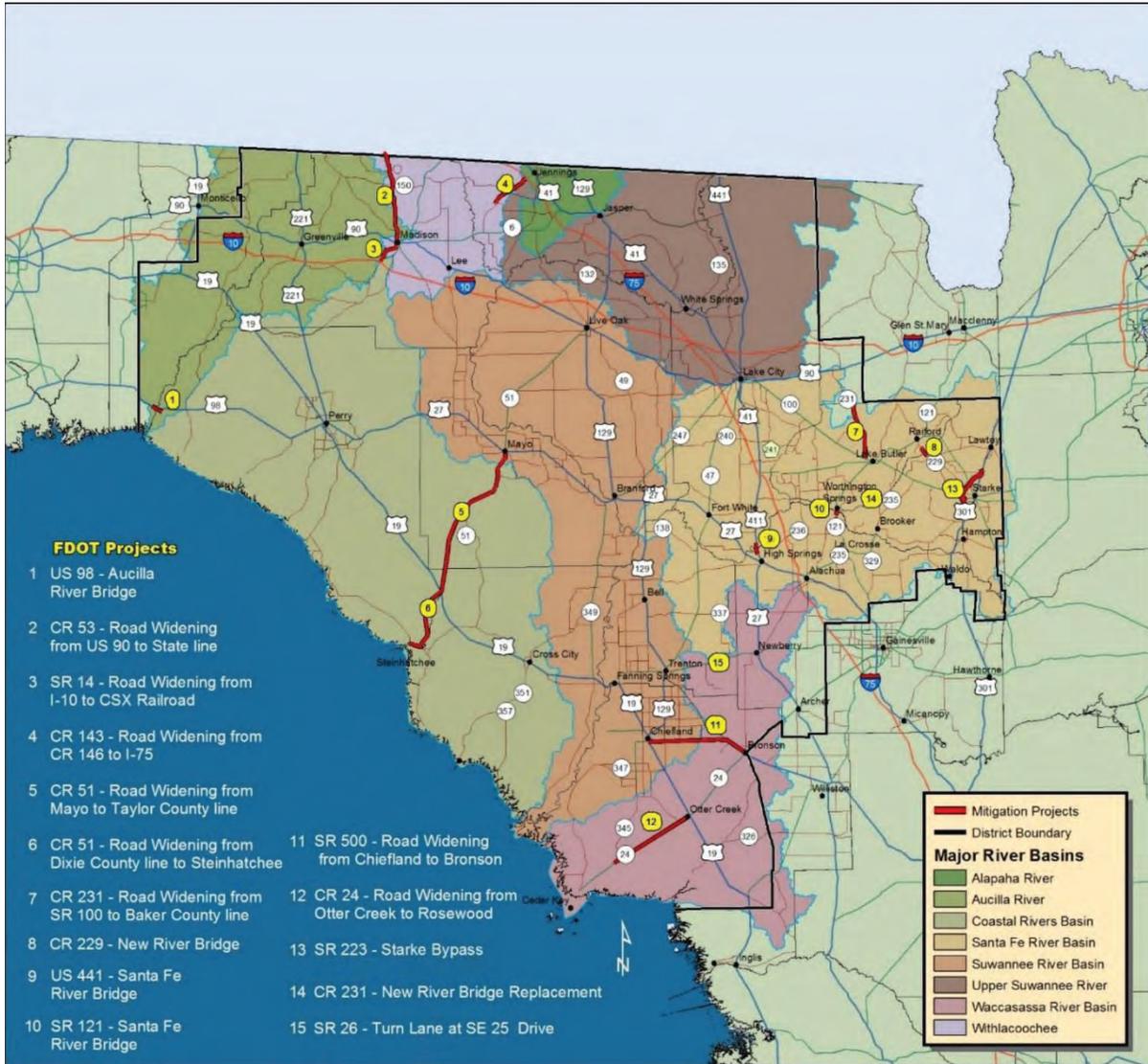
- 1) FDOT Project: CR 53 Road Widening  
Mitigation: West Farm Storm Water Pond Project

Widening of SR 53 impacted 1.6 acres of wetlands. Mitigation created wetland and lake habitat at the West Farm Storm Water Facility in Madison County. Mitigation activities were completed in March 2001. District received \$260,325 from FDOT. District staff are currently working with Madison County staff on compliance with all mitigation requirements.

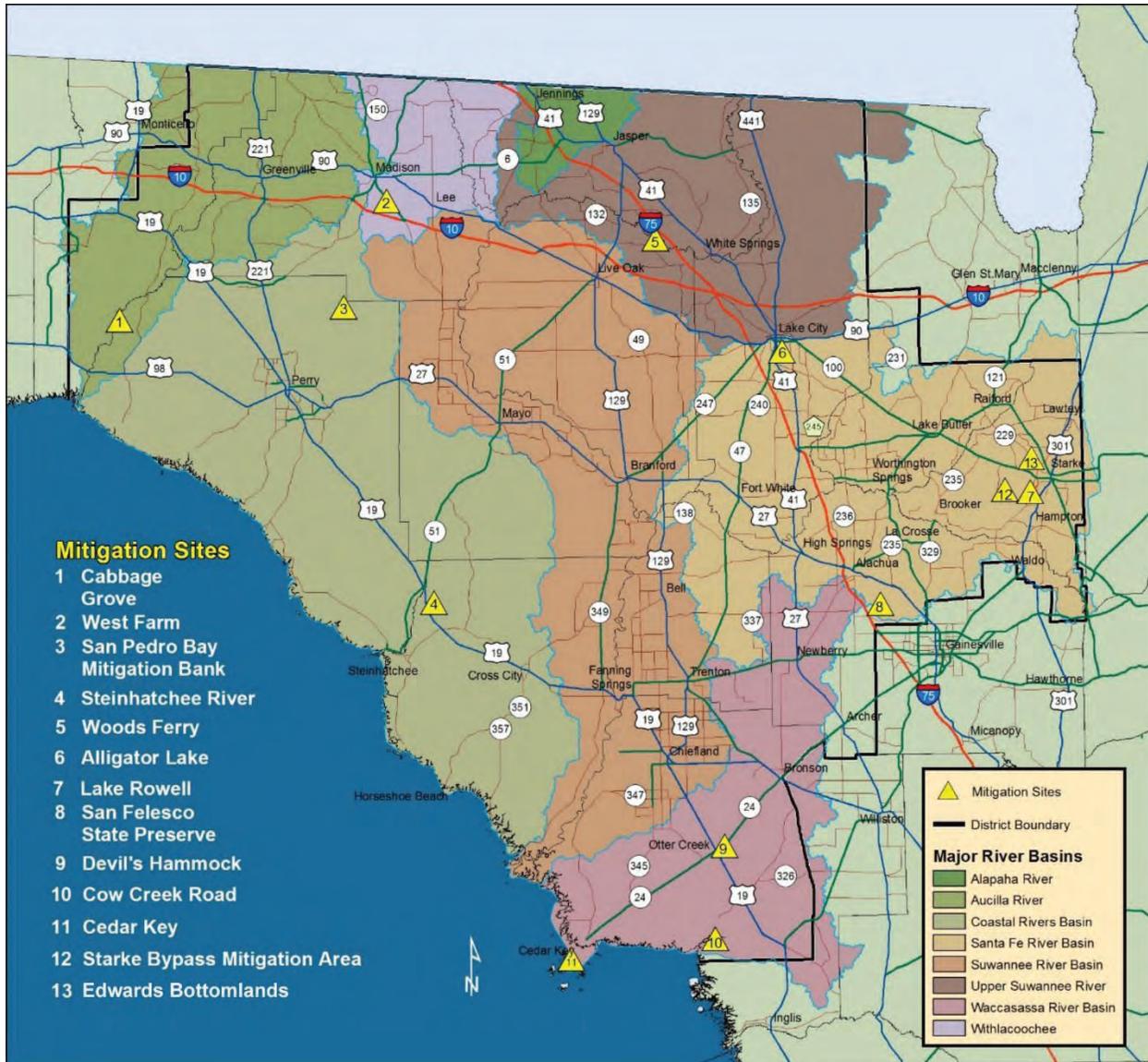
- 2) FDOT Project: SR 14 Widening  
Mitigation Project: Cabbage Grove Wetland Enhancement

Widening of SR 14 between Interstate 10 and the Madison city limits impacted 0.89 acres of wetlands. Mitigation restored natural water flow in wetlands within District owned Cabbage Grove Tract in Taylor County. District received \$75,594 from FDOT. Project was completed in 2006. District conducted operation and maintenance improvements at this site in December 2011. Mitigation success will be evaluated in 2017.

**Figure 1. General location of FDOT construction projects within SRWMD requiring wetland mitigation.**



**Figure 2. General location of wetland mitigation sites within SRWMD for FDOT construction projects.**



**TABLE 1. FDOT CONSTRUCTION PROJECTS WITH WETLAND IMPACTS AND ASSOCIATED MITIGATION PROJECTS.**

<i>River Basin</i>	<i>FDOT Project Location</i>	<i>FDOT Work Number</i>	<i>ERP Number</i>	<i>Impact Acres</i>	<i>Wetland Type</i>	<i>Mitigation Project</i>	<i>Revenue from FDOT</i>	<i>Total Funds Expended</i>
<b>Aucilla</b>	US 98 Aucilla River Bridge	2108732	10-0057	5.70	Forested	San Pedro Bay Mitigation Bank	\$43,500	\$43,500
<b>Santa Fe</b>	1. US 441/Santa Fe River Bridge and SR 121 Santa Fe River Bridge	2110486	00-0067	1.00	Forested	Alligator Lake Surface Water Improvement and Management Program (SWIM)	\$60,000	\$60,000
		2110344	99-0069	1.30	Forested			
	2. CR.231 Road Widening from S. R. 100 to the Baker County Line	2128801	02-0497	1.96	Forested	Cellon Creek Floodplain Restoration at San Felasco Hammock State Preserve	\$166,476	\$72,180
	3. CR. 229 New River Bridge	2128761	03-0089	2.44	Forested	Lake Rowell Tract Restoration/Enhancement	\$180,214	\$180,214
	4. SR 223 Starke Bypass	2080014,5,6	ERP-007-213985-1	58.47	Forested	Starke Bypass Mitigation Area	\$2,980,000	\$2,517,000
	5. CR 231 Bridge Replacement	433957	TBD	1.5	Forested	Edwards Bottomland	\$181,890	
<b>Steinhatchee</b>	1. SR 51 Widening from Mayo to Taylor County Line	2100751 2100851	06-0600	3.50	Herbaceous	Restoration of areas impacted by silviculture activities on District property (Steinhatchee Falls)	\$279,174	\$279,174
	2. SR 51 Widening Steinhatchee to Dixie/Taylor County Line	2108502 2084662	05-0597	1.27	Herbaceous	San Pedro Bay Mitigation Bank credits	\$10,200	\$10,200
<b>Upper Suwannee</b>	CR 143 Widening from CR 146 to I-75	2122181	05-0081	1.23	Herbaceous and Forested	Woods Ferry Hydrologic Enhancements	\$110,970	\$53,848
<b>Waccasassa</b>	1. US 27 Widening from Chiefland to Bronson	2117089	96-0039	23.00	Forested	A. Upgrade of storm water management system to improve water quality in Cedar Key	\$1,713,490	\$1,713,490
						B. Cow Creek restoration in Goethe State Forest		
						C. Wetland preservation in Levy County		
	2. SR 24 Widening from Otter Creek to Rosewood	210384	04-0477	9.95	Forested	Devil's Hammock/47 Runs Enhancement/ Restoration	\$180,913	\$190,694
3. SR 26 Westbound Turn Lane	438077	TBD	1.0	Forested	Gulf Coast Mitigation Bank	\$121,260		
<b>Withlacoochee</b>	1. CR 53 Road Widening from US 90 to State Line	2117565	98-0041	1.60	Forested and Herbaceous	West Farm Storm water Project	\$260,325	\$260,325
	2. SR 14 Road Widening from I-10 to CSX Railroad	2105281	02-0528	0.90	Forested and Herbaceous	Cabbage Grove Wetland Enhancement	\$75,594	\$46,459

MEMORANDUM

TO: Governing Board  
 FROM: Tim Sagul, P.E., Division Director, Resource Management  
 DATE: December 30, 2016  
 RE: Permitting Summary Report

**Environmental Resource Permitting (ERP) Activities**

**Permit Review**

The following table summarizes the environmental resource permitting activities during the month of November 2016 and program totals from January 2012 to November 2016.

November 2016	Exemption Requests	Noticed Generals	Generals	10-2 Self Certifications	Individuals	Conceptuals	Total
Applications received	6	3	0	3	6	0	18
Permits issued	3	2	1	0	0	0	6
Inspections	3	5	3	2	1	0	14
<b>Total permits issued from January 2012 to November 2016</b>	268	188	264	248	175	11	1154

There were no Individual Environmental Resource Permits issued by staff, pursuant to 373.079(4)(a), Florida Statutes, in November 2016.

**Water Use Permitting and Water Well Construction Activities**

The following table summarizes water use and water well permitting activities during the month of November 2016.

November 2016	Received		Issued
<b>Water Use Permits</b>	9		2
<b>Water well permits issued: 189</b>			
Abandoned/Destroyed	16	Livestock	1
Agricultural Irrigation	3	Monitor	40
Aquaculture	0	Nursery	0
Climate Control	0	Other	0
Fire Protection	0	Public Supply	0
Garden (Non Commercial)	0	Self-supplied Residential	122
Landscape Irrigation	5	Drainage or Injection	0
Commercial or Industrial	2	Remediation Recovery	0

**Rulemaking Schedule  
January 2016**

**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
Effective Date	<b>5/8/2017</b>

**MEMORANDUM**

TO: Governing Board

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

DATE: December 30, 2016

RE: Enforcement Status Report

**Matters Staff is attempting to gain compliance without enforcement action**

<b>Respondent</b>	<b>Justin M. Fitzhugh</b>
<b>Enforcement Number / County</b>	<b>CE05-0046 / Columbia</b>
<b>Violation</b>	<b>Non-Functioning Stormwater Management System &amp; Failure to Submit As-Builts</b>
<b>Legal Counsel</b>	<b>Brannon, Brown, Haley &amp; Bullock, P.A.</b>
<b>Date Sent to Legal</b>	<b>July 1, 2010</b>
<b>Target Date</b>	<b>December 31, 2015</b>
<b>Legal Fees to date</b>	<b>\$2,274</b>
<b>Last Update</b>	<b>April 26, 2016</b>

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.

<b>Respondent</b>	<b>Cannon Creek Airpark</b>
<b>Enforcement Number / County</b>	<b>CE05-0031/ Columbia</b>
<b>Violation</b>	<b>Unpermitted Construction</b>
<b>Legal Counsel</b>	<b>Davis, Schnitker, Reeves and Browning, P.A.</b>
<b>Date sent to legal</b>	<b>February 2006</b>
<b>Target Date</b>	<b>Ongoing</b>
<b>Legal Fees to date</b>	<b>\$7,048.50</b>
<b>Last Update</b>	<b>September 29, 2015</b>

This enforcement 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. Staff will continue to update this report as the process unfolds.

**Matters the Governing Board has directed staff to take enforcement**

<b>Respondent</b>	<b>Charlie Hicks, Jr.</b>
<b>Enforcement Number / County</b>	<b>CE07-0087 / Madison County</b>
<b>Violation</b>	<b>Unpermitted Construction in Floodway</b>
<b>Legal Counsel</b>	<b>Davis, Schnitker, Reeves and Browning, P.A.</b>
<b>Date sent to legal</b>	<b>October 30, 2008</b>
<b>Target Date</b>	<b>Ongoing</b>
<b>Legal Fees to date</b>	<b>\$25,508.03</b>
<b>Last Update</b>	<b>December 2, 2016</b>

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 has scheduled the sale date for December 20, 2016.**

<b>Respondent</b>	<b>Jeffrey Hill / Haight Ashbury Subdivision</b>
<b>Enforcement Number / County</b>	<b>CE04-0003 / Columbia</b>
<b>Violation</b>	<b>Not Built in Accordance with Permitted Plans</b>
<b>Legal Counsel</b>	<b>Davis, Schnitker, Reeves and Browning, P.A.</b>
<b>Date sent to legal</b>	<b>May 2006</b>
<b>Target Date</b>	<b>November 30, 2015</b>
<b>Legal Fees to date</b>	<b>\$13,209</b>
<b>Last Update</b>	<b>April 26, 2016</b>

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.**

<b>Respondent</b>	<b>Jeffrey Hill / Smithfield Estates-Phase 1</b>
<b>Enforcement Number / County</b>	<b>CE04-0025 / Columbia</b>
<b>Violation</b>	<b>Not Built in Accordance with Permitted Plans</b>
<b>Legal Counsel</b>	<b>Davis, Schnitker, Reeves and Browning, P.A.</b>
<b>Date sent to legal</b>	<b>May 2006</b>
<b>Target Date</b>	<b>November 30, 2015</b>
<b>Legal Fees to date</b>	<b>\$13,209</b>
<b>Last Update</b>	<b>April 26, 2016</b>

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.**

## MEMORANDUM

TO: Governing Board  
FROM: Darrell Smith, Director, Agriculture and Environmental Projects  
DATE: January 10, 2017  
RE: Authorization to Enter into an Agreement with the Florida Department of Environmental Protection to Receive Coastal Management Program Grant Funds

### RECOMMENDATION

**Staff recommends the Governing Board authorize the Executive Director to enter into an agreement with the Florida Department of Environmental Protection to receive \$41,187 in Coastal Management Program funding and to enter into an agreement with University of Florida to implement the project.**

### BACKGROUND

This year, the Florida Department of Environmental Protection (FDEP), Florida Coastal Management Program received funding from NOAA for state agencies and water management districts for projects designed to generate and provide information, plans, or meet needs for protection and coordination in Florida's coastal areas for improved use, protection, or planning.

District staff collaborated with its partners in the coastal areas and received two project applications that were submitted to FDEP on September 26, 2016 for consideration. The FDEP received nine grant applications total, which were reviewed and ranked. The District and University of Florida's proposal, Investigating Strategies, Benefits and Stakeholder Preference of "Living Shorelines" to Stabilize and Ecologically Enhance the Coastline around Daughtry Bayou - Cedar Key, Florida (Living Shorelines project), was ranked the highest and awarded \$41,187 in grant funding.

Compared to traditional methods of shoreline stabilization, such as bulkheads or seawalls, the use of living shorelines protects infrastructure and ecological functions of the shoreline including fisheries habitat and improved water quality. However, because the science and design behind living shorelines is relatively new, public perception and acceptance of these ecologically engineered alternatives is often reserved. This project will investigate stakeholders' perspective regarding the use of living shorelines in Cedar Key and study various implementation techniques associated with an on-going living shorelines demonstration project at Joe Rains Beach. Investigation into stakeholder interests and perspectives will result in a) the determination that a living shoreline option is not feasible or desirable for the area, or b) a living

shoreline design that would be acceptable to stakeholders and that could then be used as the design criteria in developing a full implementation design. The project will also result in data on success of various implementation techniques that is urgently needed for successful shoreline projects along the Nature Coast.

Staff recommends the Governing Board authorize the Executive Director to enter into an agreement with FDEP to receive \$41,187 in Florida Coastal Management Program grant funds for the Living Shorelines project and also authorize the Executive Director to enter into an agreement with University of Florida to implement the project. Staff will bring a recommendation to the Governing Board requesting approval of a budget amendment to amend the Fiscal Year 2017 budget to include this project.

LA/rl

## MEMORANDUM

TO: Governing Board  
FROM: Darrell Smith, Division Director  
DATE: December 30, 2016  
RE: Approval to Enter into Contract with an Agricultural Producer to Provide Water Conservation Cost-share Funding

### 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 \$224,400.00.**

### 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 agriculture cost-share funds in the amount of \$1,500,000 per year in conjunction with this program. Also, participating agricultural producers provide a cost-share match.

This cost-share project is with Alliance Dairies on parcels located in Gilchrist and Levy Counties. The project will install a centralized remote control system, ten upgraded GPS capable control panels, twelve remote controls, twelve GPS end-gun shutoffs, twelve center pivots retrofits, one portable fertigation tank, and three stationary fertigation tanks. These tools reduce groundwater use by increasing the management of irrigation scheduling events as well as notifying the producer of mechanical malfunctions and system failures. The fertigation systems increase the management and control of fertilizer applications increasing crop uptake of nutrients and protecting against leaching rain events.

The upgrades to these irrigation systems are expected to result in approximately 0.58 million gallons per day of water savings at a cost of \$0.14 per thousand gallons over the estimated life of the equipment. The installation of the fertigation systems is expected to result in a reduction of approximately 34,200 pounds of nutrients per year at a cost of \$0.08 per pound over the estimated life of the equipment. This project is located within the draft Suwannee River Basin Management Action Plans areas.

The total project cost is \$299,200.00. FDEP will contribute \$163,000.00 through Agreement No. S0796 – Suwannee River Water Management District Springs Protection Projects – the District will contribute \$61,400.00 through The Ag Cost-share Program to make up the \$224,400.00 recommended for Governing Board approval. The applicants' portion of these items will be \$74,800.00. Exhibit A is a list of the proposed cost share items, proposed funding amount, 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, 06-2586-7-2400-07-06, and 51-2586-7-2400-06-07.

JWG/rl  
Attachment

**Exhibit A – Project Overview**

<b>Owner Name</b>	<b>County</b>	<b>Improved Water Conservation</b>	<b>Advanced Nutrient Management</b>	<b>Nursery Water Conservation</b>	<b>Project Description</b>
Alliance Dairies	Gilchrist, Levy	\$197,400	\$27,000	-	1 Centralized Remote Control System, 12 Remote Controls of Equipment, 10 Controller Panel Upgrades, 12 GPS End-gun Shutoffs, 12 Center Pivot Retrofits, 1 Portable Fertigation Tank, and 3 Stationary Fertigation Tank
	<b>Total Estimated</b>	<b>\$197,400</b>	<b>\$27,000</b>	<b>-</b>	<b>\$224,400</b>

**Exhibit B – Itemized List**

<b>Producer</b>	<b>Item</b>	<b>Maximum Cost Share Amount</b>	<b>Quantity</b>	<b>FDEP &amp; SRWMD Total</b>	<b>Producer Share</b>
Alliance Dairies	Centralized Remote Control System	\$9,000	1	\$9,000	\$3,000
	Remote Controls of Equipment	\$2,200	12	\$26,400	\$8,800
	Upgraded Controller Panels	\$4,500	10	\$45,000	\$15,000
	GPS End-gun Shutoff	\$1,500	12	\$18,000	\$6,000
	Retrofits	\$8,250	12	\$99,000	\$33,000
	Portable Fertigation Tank	\$9,000	1	\$9,000	\$3,000
	Stationary Fertigation Tank	\$6,000	3	\$18,000	\$6,000
				<b>\$224,400</b>	<b>\$74,800</b>

MEMORANDUM

TO: Governing Board  
FROM: Noah Valenstein, Executive Director  
DATE: December 30, 2016  
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 November 13-19, 2016

### Executive / Management

- Steve Minnis attended the Lafayette County Board of County Commissioner Meeting.
- Steve Minnis and Leroy Marshall participated in site visit with Commissioner Lily Rooks, County staff, and a representative from the SWFWMD regarding flooding issues associated with Hurricane Hermine.
- Steve Minnis provided an update on the draft Regional Water Supply Plan to the Nature Coast Regional Water Authority at their regular monthly meeting in Fanning Springs.
- Steve Minnis attended the North Florida Economic Partnership Meeting in Trenton.
- Steve Minnis attended the Columbia County Board of County Commissioners Meeting.

### Water Resources

- Tom Mirty and Tara Rodgers met with USGS in Tallahassee to review the data collected for the cooperative network.
- Tom Mirty attended the NRCS and FAMU Project Directors meeting in Tallahassee.

### Water Supply

- MFL group performed a site visit with Peer Reviewers on lakes Butler and Hampton.

### Resource Management

- Tim Sagul and Gloria Hancock attended the North Central Florida Water Well Association (NCFWWA) meeting in Ocala.
- Warren Zwanka attended the Suwannee Interagency Ag Team meeting in Live Oak.

### Agriculture and Environmental Projects

- No reporting activity.

### Communications

- Communications visited a cost-share program participant and took photographs.

### Announcements for the week of Nov. 27 – Dec. 3

- No announcements



## Weekly Activity Report to Governing Board for November 20 - 26, 2016

### **Executive / Management**

- No reporting activity.

### **Water Resources**

- Tom Mirti met with representatives from Madison County to identify possible new monitoring well locations.
- Tom Mirti, Tara Rodgers, and Ross Davis had a teleconference with USGS regarding potential groundwater monitoring assistance.

### **Water Supply**

- No reporting activity.

### **Resource Management**

- No reporting activity.

### **Agriculture and Environmental Projects**

- No reporting activity.

### **Communications**

- Communications released press about the recent Eagle Scout project on District lands and posted daily a Week of Water Thankfulness.

### **Announcements for the week of Dec. 4 - 12**

- No announcements.



## Weekly Activity Report to Governing Board for Nov. 27 – Dec. 3, 2016

### Executive / Management

- Noah Valenstein attended the quarterly FDEP and WMD Face-to-Face Meeting in Tallahassee.
- Noah Valenstein attended the Lower Suwannee/Cedar Key Annual Cooperator's Luncheon.

### Water Resources

- Tom Mirti attended the FDEP Nitrogen Source Inventory Meeting at the District Headquarters.
- Tom Mirti and Tara Rodgers met with Charles Yost from OneRain.
- Tom Mirti gave a presentation on Ag Water Use Monitoring at the Manure luncheon in Alachua.

### Water Supply

- Carlos Herd, Steve Minnis, Tom Mirti, John Good, and Amy Brown participated on a conference call with FDEP and the other WMDs regarding the Consolidated Annual Report new legislative requirements.

### Resource Management

- Stefani Leavitt and Lisa Cheshire met with the chair and other faculty of the Agricultural & Biological Engineering Department at the University of Florida to discuss student recruitment.

### Agriculture and Environmental Projects

- Pat Webster and Mike Fuller, with Steve Minnis attending by telephone, met with representatives from Lake Butler to explore a potential water quality improvement or a possible alternative water supply project.

### Communications

- District staff responded to an interview request on weather conditions and rainfall data from the Lake City Reporter. Tom Mirti and Communications staff conducted the interview by phone.
- District staff responded to an interview request for information regarding our working relationship with St. Johns Water Management District on the flow of water from the Santa Fe Basin at Chemours for First Coast News. The story was focused on the lake levels at Keystone Lake.

### Announcements week of Dec 11 – 17

- The District Governing Board is scheduled to meet at 9 a.m. on December 13, 2016 at District Headquarters followed by a Governing Board Audit Committee Meeting and a Lands Committee workshop.



## Weekly Activity Report to Governing Board for December 4 - 10, 2016

### **Executive / Management**

- Noah Valenstein and Darrell Smith attended Meet & Greet with Generation Farms.

### **Water Resources**

- No reporting activity.

### **Water Supply**

- No reporting activity.

### **Resource Management**

- No reporting activity.

### **Agriculture and Environmental Projects**

- No reporting activity.

### **Communications**

- Communications sent out press releases regarding the appointment of new board member Charles Keith and staff participation at the Manure Meeting in Alachua.

### **Announcements for the week of Dec. 18 – 24**

- No announcements.



## Weekly Activity Report to Governing Board for December 11 - 17, 2016

### Executive / Management

- Steve Minnis and Hugh Thomas attended the Nature Coast Regional Water Authority Meeting to discuss the springs grant to provide sewer service to Otter Springs and Hart Springs.

### Water Resources

- Marc Minno gave presentations about Earth Science and Erosion to students at Bell and Trenton Elementary Schools on December 14, 2016.
- Tara Rodgers, Darlene Saindon, Henry Richardson, Vince Robinson, Tim Beach and Ross Davis successfully completed the U.S. Department of the Interior Airboat Operator Certification Course. This was a two-day course December 13 – 14 2016, one day in the classroom and one day on the water for hands on training.

### Water Supply

- Darrell Smith, Amy Brown and Carlos Herd attended a FDACS teleconference to discuss water supply.

### Resource Management

- Mike Fuller, Warren Zwanka, Gloria Hancock and Chrissy Carr attended the North Central Florida Water Well Association (NCFWWA) monthly meeting in Lake City.
- Pat Webster, Tim Sagul, Chrissy Carr, Mike Fuller and Tilda Musgrove attended a FDOT training webinar on Efficient Transportation Decision Making (ETDM) process.
- Pat Webster and Brian Brooker attended a meeting with Bradford County officials regarding drainage issues in the county.
- Leroy Marshall attended a webinar with the District's FEMA contractors regarding status of the current FEMA grants.

### Agriculture and Environmental Projects

- Noah Valenstein and Darrell Smith attended a farmer meeting at Lee Peanut on the 15<sup>th</sup> along with FDACS staff to discuss water quality and quantity issues.
- Justin Garland met with Shade Tree Nursery to assist with developing irrigation system improvements and providing cost share assistance.
- Hugh Thomas and Darrell Smith met with farmers to seek input regarding springs pilot projects.
- Patrick Webster met with Bradford county representatives to discuss the Edwards Bottomlands and other projects.
- The projects team completed new Microsoft Project software training.

### Communications

- Communications sent out press regarding the board's approval of RIVER cost-share funding.

**Announcements for the week of Dec. 25 – 31**

- The District Office will be closed on December 26<sup>th</sup> in observance of Christmas.