

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

OPEN TO THE PUBLIC

March 14, 2017
9:00 a.m.

District Headquarters
Live Oak, Florida

1. Call to Order
2. Roll Call
Governing Board Officer Elections.
 - Chair Quincey: Nominations for Secretary/Treasurer
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 - February 14, 2017 Governing Board, Lands Committee and Board Workshop Minutes
 - Agenda Item 9 - Approval of January 2017 Financial Report
 - Agenda Item 10 - Adoption of Resolution 2017-01 to Formally Adopt Budget Amendment 201-01 as Adopted at the February 2017 Governing Board Meeting
 - Agenda Item 11 - Adoption of Resolution 2017-02 to Formally Adopt Budget Amendment 2017-02 as Adopted at the February 2017 Governing Board Meeting
 - Agenda Item 17 - Approval of a Modification of Water Use Permit 2-041-215815-2, with a 0.0742 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2199 mgd of Groundwater for Agricultural Uses at the Gary Taylor Project, Gilchrist County
 - Agenda Item 18 - Approval of a Modification of Water Use Permit 2-041-215829-2, with a 0.0723 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.0400 mgd of Groundwater for Agricultural Uses at the G. D. Cannon Project, Gilchrist County
 - Agenda Item 19 - Approval of a Modification of Water Use Permit 2-121-220642-3, with a 0.3739 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2808 mgd of Groundwater for Agricultural Use at the Hay 136 Ross Farm Project, Suwannee County
6. Approval of Minutes – February 14, 2017 Governing Board, Lands 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
 - C. Service Award: Bob Heeke - 30 Years

GOVERNING BOARD LEGAL COUNSEL
Tom Reeves

LC Page 1 8. Update on Legal Activities / Enforcement Status Report

DIVISION OF ADMINISTRATION AND OPERATIONS
Roary Snider, Chief of Staff

AO Page 1 9. Approval of January 2017 Financial Report – **Recommend Consent**

AO Page 10 10. Adoption of Resolution 2017-01 to Formally Adopt Budget Amendment 2017-01 as Adopted at the February 2017 Governing Board Meeting – **Recommend Consent**

AO Page 12 11. Adoption of Resolution 2017-02 to Formally Adopt Budget Amendment 2017-02 as Adopted at the February 2017 Governing Board Meeting - **Recommend Consent**

AO Page 14 12. Approval and Execution of the First Amendment to the Florida Fish and Wildlife Conservation Commission Cooperate Agreement, Contract No. 12/13-016

AO Page 18 13. District Land Management & Twin River State Forest (TRSF) Activity Summary

AO Page 21 14. Land Acquisition and Disposition Activity Report

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

15. Water Supply Assessment Discussion

DIVISION OF WATER RESOURCES
Tom Mirti, Director

WR Page 1 16. Agricultural Water Use Monitoring Update

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

RM Page 1 17. Approval of a Modification of Water Use Permit 2-041-215815-2, with a 0.0742 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2199 mgd of Groundwater for Agricultural Uses at the Gary Taylor Project, Gilchrist County – **Recommend Consent**

RM Page 11 18. Approval of a Modification of Water Use Permit 2-041-215829-2, with a 0.0723 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.0400 mgd of Groundwater for Agricultural Uses at the G. D. Cannon Project, Gilchrist County – **Recommend Consent**

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

March 14, 2017
Following the Governing Board Meeting

District Headquarters
Live Oak, FL

- Discussion of Army Compatible Use Buffer Program

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
February 14, 2016

District Headquarters
Live Oak, Florida

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

Agenda Item No 2 – Roll Call

Governing Board:

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

Governing Board General Counsel

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

Staff:

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

Guests:

Tessa Skiles, Karst Productions, Inc.	Carolee Howe, Shenandoah Dairy
Kristin Summers, FDEP	Kristin Simmons, FDEP
Cory Mikell, H2O Mobile Lab	Gary Hardacre, City of Alachua
Jessica & Mike Tice, Tice Farms	Dallas McCullough, Tice Farms
Officer Creech, FWC	Jacqui Sulak, Audubon Florida
Stan Posey, FDEP-Office of Water Policy	Maureen McLean, SV Back Country Horseman
Craig Varn, Manson, Bolves & Varn	Jennifer Sagan, AMEC Foster Wheeler
Bob Moresi, Black & Veatch	Ed Booth, City of High Springs
Georgia Schmitz	Steve Gladin

Jeff Hill

Staff:

Leslie Ames
Warren Zwanka
Tyler Jordan
Keith Rowell

Jamie Bell
Hugh Thomas
Scott Gregor
Robin Lamm

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

Deletion:

- Division of Administration and Operations – Agenda Item 11 – Approval of City of Cedar Key Annexation Request

Updates:

- Division of Administration and Operations – Agenda Item 12 – Fiscal Year 2017 Budget Amendment Number 1 Acquisition and Transfer of Conservation Lands
- Division of Administration and Operations – Agenda Item 13 – Fiscal Year 2017 Budget Amendment Number 2 - Hill Pond Project

Additions:

- Division of Administration and Operations – Supplemental Page 1 - Land Management Grant - Lance Water System

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

Agenda Item No. 4 – Public Comment.

- Ed Booth, City of High Springs – Thanks to Board for support on projects in the City of High Springs.

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

- Agenda Item 6 - January 10, 2017 Governing Board and Board Workshop Minutes and January 17, 2017 Joint Governing Board Meeting with St. Johns River Water Management District Minutes
- Agenda Item 9 - Approval of December 2016 Financial Report
- Agenda Item 14 - Fiscal Year 2016 Annual Land Management Report
- Agenda Item 18- Approval of a Modification of Water Use Permit 2-041-215999-2, with a 0.0237 mgd Decrease in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.0446 mgd of Groundwater for Agricultural Use at the CD Pivot Project, Gilchrist County
- Agenda Item 19- Approval of a Modification of Water Use Permit 2-041-220498-2, with a 0.0511 mgd Decrease in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.1509 mgd of Groundwater for Agricultural Use at the Schnauss / Wilkerson Farms Project, Gilchrist County

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

Agenda Item No. 6 – Approval of Minutes - January 10, 2017 Governing Board and Board Workshop Minutes and January 17, 2017 Joint Governing Board Meeting with St. Johns River Water Management District Minutes. Approved on Consent.

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

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

Chair Quincey asked staff for monthly updates regarding process of notifications regarding Valdosta sewage spill.

GOVERNING BOARD LEGAL COUNSEL

Agenda Item No. 8 – Legal Activities Update. Tom Reeves, Board Legal Counsel, updated the Board on the Ace Ranch Mediation Agreement status.

DIVISION OF ADMINISTRATION AND OPERATIONS

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

Agenda Item No. 10 – Authorization to Purchase up to Four Vehicles as Approved in Fiscal Year 2017 Budget. Roary Snider, Chief of Staff, presented this item to the Board.

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

Agenda Item No. 11 – Approval of City of Cedar Key Annexation Request. Deleted.

Agenda Item No. 12 - Fiscal Year 2017 Budget Amendment Number 1 - Acquisition and Transfer of Conservation Lands – Updated. Mr. Snider presented this item to the Board.

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

Agenda Item No. 13 - Fiscal Year 2017 Budget Amendment Number 2 – Hill Pond Project - Updated. Mr. Snider presented this item to the Board.

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

SUP 1 - Land Management Grant - Lance Water Utility System. Mr. Snider presented this item to the Board.

MOTION WAS MADE BY SANCHEZ, SECONDED BY ALEXANDER APPROVING THE RECOMMENDATION, CONTINGENT UPON COLUMBIA COUNTY FILING RECEIVERSHIP OF THE WATER UTILITY SYSTEM, CONFIRMING THAT THE DISTRICT HAS NO RESPONSIBILITY. MOTION CARRIED UNANIMOUSLY.

Agenda Item No. 14 - Fiscal Year 2016 Annual Land Management Report. Approved on Consent.

Agenda Item No. 15 - District Land Management & Twin River State Forest (TRSF) Activity Summary. This report was provided as an informational item in the Board materials.

Agenda Item No. 16 - Land Acquisition and Disposition Activity Report. This report was provided as an informational item in the Board materials.

Mrs. Sanchez requested an R.O. Ranch update. Noah Valenstein provided an update to the Board.

DIVISION OF WATER SUPPLY

No Items.

DIVISION OF WATER RESOURCES

Agenda Item No. 17 - Agricultural Water Use Monitoring Update. This report was provided as an informational item in the Board materials.

DIVISION OF RESOURCE MANAGEMENT

Agenda Item No. 18 – Approval of a Modification of Water Use Permit 2-041-215999-2, with a 0.0237 mgd Decrease in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.0446 mgd of Groundwater for Agricultural Use at the CD Pivot Project, Gilchrist County. Approved on Consent.

Agenda Item No. 19 – Approval of a Modification of Water Use Permit 2-041-220498-2, with a 0.0511 mgd Decrease in Allocation and a Ten-Year Permit Extension, Authorizing the Use of 0.1509 mgd of Groundwater for Agricultural Use at the Schnauss / Wilkerson Farms Project, Gilchrist County. Approved on Consent.

Agenda Item No. 20 – Approval of a Modification of Water Use Permit 2-121-221508-3 with a 0.0351 mgd Increase in Allocation and a Ten-Year Permit Extension Authorizing the Use of 0.1459 mgd of Groundwater for Agricultural Uses at the Jerry A. Goff Farm Project, Suwannee County. Warren Zwanka, Chief Hydrogeologist, presented this item to the Board.

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

Agenda Item No. 21 – Permitting Summary Report. This report was provided as an informational item in the Board materials.

Agenda Item No. 22 – Enforcement Status Report. This report was provided as an informational item in the Board materials.

AGRICULTURE AND ENVIRONMENTAL PROJECTS

Agenda Item No. 23 –Approval to Enter into Contract with an Agricultural Producer to Provide Water Conservation Cost-Share Funding – Alliance Dairies. Darrell Smith, Division Director, presented this item to the Board.

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

Agenda Item No. 24 - Approval to Enter into Contract with an Agricultural Producer to Provide Water Conservation Cost-Share Funding – Lee Peanut, LLC. Mr. Smith presented this item to the Board.

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

EXECUTIVE OFFICE

Agenda Item No. 25 – **Public Hearing** and Acceptance of Strategic Plan for Fiscal Year 2017-2022. Noah Valenstein, Executive Director, presented this item to the Board.

Chair Quincey opened the public hearing to receive public comment.

No comments we received.

Chair Quincey closed the public hearing.

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

Agenda Item No. 26 – **Public Hearing** and Acceptance of the 2017 Florida Forever Work Plan Update. Leslie Ames, Policy and Planning Coordinator, presented this item to the Board.

Chair Quincey opened the public hearing to receive public comment.

No comments we received.

Chair Quincey closed the public hearing.

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

Agenda Item No. 24 - District’s Weekly Activity Reports. These reports were provided as an informational item in the Board materials.

Agenda Item No. 25 - Announcements

Agenda Item No. 26 – Adjournment. Meeting adjourned at 11:01 a.m. with Lands Committee to follow immediately after Board meeting adjournment.

Chair

ATTEST:

LAND COMMITTEE MEETING

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

February 14, 2017
Following Board Meeting

District Headquarters
Live Oak, FL

The Lands Committee meeting began at 11:01 a.m.

Lands Committee Members Present:

Al Alexander	Kevin Brown
Gary Jones	Virginia Sanchez
Bradley Williams	

Additional Guests:

Tim Odom, Loncala, Inc.	Wesley Carter, Loncala, Inc.
Rebecca Perry, TNC	Rusty Rudell

1. Call to Order / Committee Roll Call
2. Public Comment: No public Comments

General Discussion / Updates

- 3 Project Updates: Keith Rowell, Surveyor/Mapper, provide an update on the following properties:
Ware Forest, U.S. Forest Service, Wacassassa Fish Camp and Cooley Property.

Land Acquisition / New Property / Updated Offers

4. Rusty Rudell Exchange Offer, Jefferson and Madison County

COMMITTEE RECOMMENDED STAFF TO SET UP TOUR OF THE PROPERTY AND WORK WITH OWNER AND COMMITTEE FOR ADDITIONAL OPTIONS/OPPORTUNITIES.

Conservation Easement Modification Requests

5. Loncala - Montechoa Creek, Alachua County

COMMITTEE RECOMMENDED STAFF TO SEND TO BOARD TO MODIFY THE EASEMENT.

Surplus Lands / Updates

6. Surplus Updates. Mr. Rowell provided the updates to the Committee.
7. Announcements. None
8. Adjournment. The Lands Committee adjourned at 12:07 p.m.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
GOVERNING BOARD WORKSHOP

February 14, 2017
Following Board Meeting

District Headquarters
Live Oak, FL

The Board Workshop began at 12:42 p.m.

Sustainable Suwannee Springs Pilot Project Discussion

Darrell Smith, Agricultural Director, continued his update regarding the Suwannee Basin Water Quality and the Agriculture Industry from January Workshop discussion.

The workshop adjourned at 1:10 p.m.

Chair

ATTEST:

MEMORANDUM

TO: Governing Board

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

DATE: March 3, 2016

RE: Enforcement Status Report

Matters Staff is attempting to gain compliance without enforcement action

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

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

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

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

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

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

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

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

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

Matters the Governing Board has directed staff to take enforcement

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

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

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

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

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

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

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

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

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

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

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

MEMORANDUM

TO: Governing Board

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

DATE: February 28, 2017

RE: Approval of January 2017 Financial Report

RECOMMENDATION

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

BACKGROUND

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

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

RS/pf
Attachments

Suwannee River Water Management District

Cash Report

January 2017

ACCOUNT	Monthly Interest	Interest Rate %	Closing Balance
Bank of America Permit Fee	-	-	\$379,848.36
First Federal Permit Fee	\$9.90	0.30%	\$37,663.44
First Federal (Depository & Accounts Payable)	\$874.74	0.72%	\$1,393,087.05
SPIA	<u>\$31,726.27</u>	0.75%	<u>\$49,867,915.67</u>
TOTAL	\$32,610.91		\$51,678,514.52

**Suwannee River Water Management District
Statement of Sources and Uses of Funds
For the Month ending January 31, 2017
(Unaudited)**

Sources	Current Budget	Actuals Through 1/31/2017	Variance (Under)/Over Budget	Actuals As A % of Budget
Ad Valorem Property Taxes	\$5,727,117	\$ 4,471,916	\$ (1,255,201)	78%
Intergovernmental Revenues	\$41,814,726	\$ 6,315,020	(35,499,706)	15%
Interest on Invested Funds	\$244,137	\$ 196,727	(47,410)	81%
License and Permit Fees	\$120,000	\$ 59,926	(60,074)	50%
Other	\$988,488	\$ 781,669	(206,819)	79%
Fund Balance	\$18,537,768		(18,537,768)	0%
Total Sources	\$67,432,236	\$ 11,825,258	\$ (55,606,978)	18%

Uses	Current Budget	Expenditures	Encumbrances ¹	Available Budget	%Expended	%Obligated ²
Water Resources Planning and Monitoring	\$10,685,707	\$1,370,826	\$11,630	\$9,303,251	13%	13%
Acquisition, Restoration and Public Works	\$49,304,118	\$1,926,979	\$23,797	47,353,342	4%	4%
Operation and Maintenance of Lands and Works	\$4,420,671	\$549,142	\$25,747	\$3,845,782	12%	13%
Regulation	\$1,367,953	\$308,751	\$6,044	\$1,053,158	23%	23%
Outreach	\$228,202	\$45,414	\$0	182,788	20%	20%
Management and Administration	\$1,425,585	\$534,246	\$13,861	877,478	37%	38%
Total Uses	\$67,432,236	\$ 4,735,358	\$ 81,079	\$ 62,615,799	7%	7%

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

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

This financial statement is prepared as of January 31, 2017 and covers the interim period since the most recent audited financial statements.

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)

January 31, 2017

Recap of All Funds	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	11,825,258.19	0.00	67,432,236.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	1,754,227.92	0.00	6,047,220.67
TOTAL CONTRACTUAL SERVICES	1,681,464.46	30,227.60	33,500,249.96
TOTAL OPERATING EXPENSES	340,876.09	26,466.82	1,164,795.00
TOTAL OPERATING CAPITAL OUTLAY	25,712.99	3,173.04	215,076.00
TOTAL FIXED CAPITAL OUTLAY	618,386.37	0.00	5,275,000.00
TOTAL INTERAGENCY EXPENSES	314,689.92	21,275.00	21,229,894.08
TOTAL EXPENDITURES	<u>4,735,357.75</u>	<u>81,142.46</u>	<u>67,432,235.71</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>7,089,900.44</u>	<u>(81,142.46)</u>	<u>0.29</u>

Fund 01: General Fund	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	6,731,774.73	0.00	11,878,485.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	1,483,127.94	0.00	5,246,012.49
TOTAL CONTRACTUAL SERVICES	460,544.81	7,498.30	4,409,775.00
TOTAL OPERATING EXPENSES	227,325.98	23,062.55	792,714.00
TOTAL OPERATING CAPITAL OUTLAY	1,640.99	3,173.04	92,032.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	140,994.20	0.00	1,337,952.00
TOTAL EXPENDITURES	<u>2,313,633.92</u>	<u>33,733.89</u>	<u>11,878,485.49</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>4,418,140.81</u>	<u>(33,733.89)</u>	<u>(0.49)</u>

Fund 02: Emergency Operations	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	0.00	0.00	0.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	16,215.43	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	<u>16,215.43</u>	<u>0.00</u>	<u>0.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(16,215.43)</u>	<u>0.00</u>	<u>0.00</u>

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

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)

January 31, 2017

Fund 05: Middle Suwannee	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	4,209.87	0.00	589,083.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	4,209.87	22,729.30	589,083.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING 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>4,209.87</u>	<u>22,729.30</u>	<u>589,083.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>0.00</u>	<u>(22,729.30)</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>
REVENUES			
TOTAL REVENUES	389,049.00	0.00	30,647,104.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	819.29	0.00	0.00
TOTAL CONTRACTUAL SERVICES	486,915.11	0.00	18,387,989.20
TOTAL OPERATING EXPENSES	5,771.50	0.00	0.00
TOTAL OPERATING CAPITAL OUTLAY	24,072.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	18,000.00	0.00	12,259,114.00
TOTAL EXPENDITURES	<u>535,577.90</u>	<u>0.00</u>	<u>30,647,103.20</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(146,528.90)</u>	<u>0.00</u>	<u>0.80</u>

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

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

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)

January 31, 2017

Fund 08: WMLTF / Springs	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	324,876.60	0.00	329,352.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	11,104.62	0.00	0.00
TOTAL CONTRACTUAL SERVICES	313,771.98	0.00	290,917.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	38,435.08
TOTAL EXPENDITURES	<u>324,876.60</u>	<u>0.00</u>	<u>329,352.08</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>0.00</u>	<u>0.00</u>	<u>(0.08)</u>

Fund 10: Florida Forever & P-2000	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	1,394,343.40	0.00	7,000,000.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	19,404.25	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	618,386.37	0.00	5,000,000.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	2,000,000.00
TOTAL EXPENDITURES	<u>637,790.62</u>	<u>0.00</u>	<u>7,000,000.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>756,552.78</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>
REVENUES			
TOTAL REVENUES	167.89	0.00	0.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	2,813.81	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING 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>2,813.81</u>	<u>0.00</u>	<u>0.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(2,645.92)</u>	<u>0.00</u>	<u>0.00</u>

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)

January 31, 2017

Fund 13: Land Management/Operations	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	2,723,309.50	0.00	4,237,071.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	238,337.04	0.00	801,208.18
TOTAL CONTRACTUAL SERVICES	185,753.04	0.00	2,088,829.00
TOTAL OPERATING EXPENSES	107,778.61	3,404.27	372,081.00
TOTAL OPERATING 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	21,275.00	576,909.00
TOTAL EXPENDITURES	<u>531,868.69</u>	<u>24,679.27</u>	<u>4,237,071.18</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>2,191,440.81</u>	<u>(24,679.27)</u>	<u>(0.18)</u>

Fund 19: DOT Mitigation	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	5,232.54	0.00	1,074,132.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	981.13	0.00	0.00
TOTAL CONTRACTUAL SERVICES	48,293.09	0.00	1,074,131.43
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	<u>49,274.22</u>	<u>0.00</u>	<u>1,074,131.43</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(44,041.68)</u>	<u>0.00</u>	<u>0.57</u>

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

Fund 29: SRP	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	5,196.51	0.00	175,000.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING 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>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>5,196.51</u>	<u>0.00</u>	<u>0.00</u>

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)

January 31, 2017

Fund 33: PCS Mitigation	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	458.29	0.00	0.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	0.00	0.00	0.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL FIXED CAPITAL OUTLAY	0.00	0.00	0.00
TOTAL INTERAGENCY EXPENSES	0.00	0.00	0.00
TOTAL EXPENDITURES	0.00	0.00	0.00
EXCESS REVENUES OVER (UNDER) EXPENDITURES	458.29	0.00	0.00

Fund 51: District Ag Cost Share	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	1,575.18	0.00	2,173,213.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	24,259.21	0.00	2,114,213.33
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING 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	24,259.21	0.00	2,173,213.33
EXCESS REVENUES OVER (UNDER) EXPENDITURES	(22,684.03)	0.00	(0.33)

**Expenditures to be covered by Fund Balance*

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

**Expenditures to be covered by Fund Balance*

STATEMENT OF ACTIVITY - REVENUE AND EXPENSE ROLLUP (UNAUDITED)
January 31, 2017

Fund 56: FEMA Grants	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	138,313.10	0.00	3,124,112.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	0.00	0.00	0.00
TOTAL CONTRACTUAL SERVICES	138,313.10	0.00	3,124,112.00
TOTAL OPERATING EXPENSES	0.00	0.00	0.00
TOTAL OPERATING 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>138,313.10</u>	<u>0.00</u>	<u>3,124,112.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>

Fund 60: Reimbursable Grants	<u>Y-T-D</u> <u>ACTUAL</u>	<u>ENCUM.</u>	<u>ANNUAL</u> <u>BUDGET</u>
REVENUES			
TOTAL REVENUES	0.00	0.00	1,151,900.00
EXPENDITURES			
TOTAL SALARIES AND BENEFITS	828.66	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 OPERATING 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>828.66</u>	<u>0.00</u>	<u>1,151,900.00</u>
EXCESS REVENUES OVER (UNDER) EXPENDITURES	<u>(828.66)</u>	<u>0.00</u>	<u>0.00</u>

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

MEMORANDUM

TO: Governing Board

FROM: Roary Snider, Chief of Staff

DATE: February 28, 2017

RE: Adoption of Resolution 2017-01 to Formally Adopt Budget Amendment 2017-01 as Adopted at the February 2017 Governing Board Meeting

RECOMMENDATION

District staff recommends the Governing Board adopt Resolution 2017-01 to formally adopt Budget Amendment 2017-01 as adopted at the February 2017 Governing Board Meeting

BACKGROUND

This budget amendment authorizes additional unanticipated expenditures from unanticipated revenues of \$2,698,236 in EOG Code 2.1 (Land Acquisition) to partner with three Federal agencies: The Department of Defense, the US Forest Service, and the US Fish & Wildlife Service on the acquisition and transfer of conservation lands. The source of the new funds is "Federal Revenues" and will have no impact on the District's ad valorem taxation collection.

The current budget for EOG Code 2.1 is \$5,145,129.

This budget amendment was submitted to the Executive Office of the Governor for approval pursuant to Ch. 373, F.S., and such approval has been received.

RS/pf
Attachment

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

RESOLUTION NO. 2017-01

AMENDING THE FISCAL YEAR (FY) 2017 BUDGET

WHEREAS, chapters 200 and 373, Florida Statutes, require the Governing Board of the Suwannee River Water Management District (District) to adopt a final budget for each fiscal year; and

WHEREAS, by Resolution No. 2016-09, after a public hearing on September 27, 2016, the Governing Board of the District adopted a final budget for the District covering its proposed operations and other requirements for the ensuing fiscal year, beginning October 1, 2016 through September 30, 2017; and

WHEREAS, the Governing Board via memorandum approved Budget Amendment 2017-01 on February 14, 2017,

WHEREAS, the Budget Amendment was submitted to the Executive Office of the Governor for approval pursuant to Chapter 373, Florida Statutes, and that approval has been received,

WHEREAS, in accordance with section 189.016(6), Florida Statutes, the District will post the adopted amendment on its official website within five days after its adoption; and

WHEREAS, a budget amendment involves an action that increases or decreases total appropriated Fund amounts in the Budget; and

WHEREAS, pursuant to section 120.525, Florida Statutes, the District has provided notice of its intention to amend the Budget in the published notification of the Governing Board meeting at which the amendment will be considered; and

NOW, THEREFORE, BE IT RESOLVED, by the Governing Board of the District, that:

1. The Budget is hereby amended as summarized in the memorandum dated January 31, 2017 requesting Budget Amendment 2017-01.

PASSED AND ADOPTED THIS 14th DAY OF MARCH, 2017 A.D.

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

MEMBERS OF THE BOARD:

**DONALD QUINCEY, CHAIR
ALPHONAS ALEXANDER, VICE CHAIR
VIRGINIA H. JOHNS, SECRETARY/TREASURER
KEVIN W. BROWN
GARY JONES
VIRGINIA SANCHEZ
RICHARD SCHWAB
BRADLEY WILLIAMS
CHARLES KEITH**

ATTEST: _____

MEMORANDUM

TO: Governing Board

FROM: Roary Snider, Chief of Staff

DATE: February 28, 2017

RE: Adoption of Resolution 2017-02 to Formally Adopt Budget Amendment 2017-02 as Adopted at the February 2017 Governing Board Meeting

RECOMMENDATION

District staff recommends the Governing Board adopt Resolution 2017-02 to formally adopt Budget Amendment 2017-02 as adopted at the February 2017 Governing Board Meeting

BACKGROUND

This budget amendment authorizes additional unanticipated expenditures from unanticipated revenues of \$260,000 in EOG Code 3.1 (Land Management) to reconstruct an impoundment at the Hill Pond Project in Columbia County, Florida and to assist Columbia County and the City of Lake City in the management of an associated water utility system. The source of the new funds is "Fund Balance" and will have no impact on the District's ad valorem taxation collection.

The current budget for EOG Code 3.1 is \$3,292,729.

This budget amendment was submitted to the Executive Office of the Governor for approval pursuant to Ch. 373, F.S., and such approval has been received.

RS/pf
Attachment

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

RESOLUTION NO. 2017-02

AMENDING THE FISCAL YEAR (FY) 2017 BUDGET

WHEREAS, chapters 200 and 373, Florida Statutes, require the Governing Board of the Suwannee River Water Management District (District) to adopt a final budget for each fiscal year; and

WHEREAS, by Resolution No. 2016-09, after a public hearing on September 27, 2016, the Governing Board of the District adopted a final budget for the District covering its proposed operations and other requirements for the ensuing fiscal year, beginning October 1, 2016 through September 30, 2017; and

WHEREAS, the Governing Board via memorandum approved Budget Amendment 2017-02 on February 14, 2017,

WHEREAS, the Budget Amendment was submitted to the Executive Office of the Governor for approval pursuant to Chapter 373, Florida Statutes, and that approval has been received,

WHEREAS, in accordance with section 189.016(6), Florida Statutes, the District will post the adopted amendment on its official website within five days after its adoption; and

WHEREAS, a budget amendment involves an action that increases or decreases total appropriated Fund amounts in the Budget; and

WHEREAS, pursuant to section 120.525, Florida Statutes, the District has provided notice of its intention to amend the Budget in the published notification of the Governing Board meeting at which the amendment will be considered; and

NOW, THEREFORE, BE IT RESOLVED, by the Governing Board of the District, that:

1. The Budget is hereby amended as summarized in the memorandum dated January 31, 2017 requesting Budget Amendment 2017-02.

PASSED AND ADOPTED THIS 14th DAY OF MARCH, 2017 A.D.

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

MEMBERS OF THE BOARD:

**DONALD QUINCEY, CHAIR
ALPHONAS ALEXANDER, VICE CHAIR
VIRGINIA H. JOHNS, SECRETARY/TREASURER
KEVIN W. BROWN
GARY JONES
VIRGINIA SANCHEZ
RICHARD SCHWAB
BRADLEY WILLIAMS
CHARLES KEITH**

ATTEST: _____

MEMORANDUM

TO: Governing Board

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

DATE: February 28, 2017

RE: Approval and Execution of the First Amendment to the Florida Fish and Wildlife Conservation Commission Cooperative Agreement, Contract No. 12/13-016

RECOMMENDATION

Staff recommends approval and execution of the First Amendment to the Florida Fish and Wildlife Conservation Commission Cooperative Agreement, Contract No. 12/13-016.

BACKGROUND

On November 21, 2012 the Suwannee River Water Management District (District) and Florida Fish and Wildlife Conservation Commission (FWC) entered into a cooperative agreement for the purpose of providing public outdoor recreational hunting and fishing opportunities on specified District lands. This amendment to Section 3 of the agreement involves the addition of three new District tracts to existing Wildlife Management Areas (WMA.) The addition includes the Bay Creek Tract (Columbia County) to the Cypress Creek WMA and the Withlacoochee Quail Farms and Westwood West Tracts (Madison County) to the Twin Rivers WMA. The other amendments to the agreement are clerical revisions to Section 9 and Section 10.

RS/wvm/pf
Attachment

**STATE OF FLORIDA
FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION**

AMENDMENT NO. 1 TO CONTRACT

This Amendment to Contract No. 11271 , referred to as the Original Contract, is entered into by and between the FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION, whose address is 620 South Meridian Street, Tallahassee, Florida 32399-1600, hereafter “Commission,” and Suwannee River Water Management District, F591520101-001, whose address is 9225 County Road 49, Live Oak, FL 32060, hereinafter “Contractor”, collectively, “Parties”.

In consideration of the mutual benefits set forth herein and in the Original Contract, the parties agree to amend the Original Contract, as follows, which amendments shall govern to the exclusion of any provision of the Original Contract to the contrary:

1. Section 3, Exhibit B of the Original Contract, is hereby amended and incorporated herein as attachment B-1.
2. Section 9, of the Original Contract, is hereby amended to read as follows:

PROJECT MANAGERS. William McKinstry, Land and Facilities Operations Manager at 9225 County Road 49, Live Oak, FL 32060, telephone (386) 362-1001 is the District’s Project Manager for this Cooperative Agreement. The Project Manager for the Commission is David Johnson, at FFWCC, 620 S. Meridian Street, Tallahassee, Florida 32399-1600, telephone (850) 488-3831. The Parties shall direct all matters arising in connection with the performance of this Agreement, other than notices, to the attention of the Project Managers for attempted resolution or action. The Project Managers shall be responsible for overall coordination and oversight relating to the performance of this Agreement.

3. Section 10, of the Original Contract, is hereby amended to read as follows:

NOTICES. All notices, demands, or other communications to the Commission under this Agreement shall be in writing and shall be deemed received if sent by certified mail to:

Rosa Guthrie
M.S. 1R
Florida Fish and Wildlife Conservation Commission
620 South Meridian Street
Tallahassee, FL 32399-1600

All notices to the District under this Agreement shall be in writing and shall be deemed received if sent by certified mail to:

William McKinstry
Land and Facilities Operations Manager
Suwannee River Water Management District
9225 County Road 49
Live Oak, FL 32060

All notices required by this Agreement shall be considered delivered upon receipt.
Should either Party change its address, written notice of such new address shall promptly be sent to the other Party.

All provisions of the ORIGINAL CONTRACT not specifically amended herein shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to Contract to be executed through their duly authorized signatories on the day and year last written below.

**SUWANNEE RIVER WATER
MANAGEMENT DISTRICT**

**FLORIDA FISH AND WILDLIFE
CONSERVATION COMMISSION**

Name: _____
Title: _____
Date: _____

Name: _____
Title: _____
Date: _____

Approved as to form and legality Approved as to form and legality

by SRWMD Attorney:

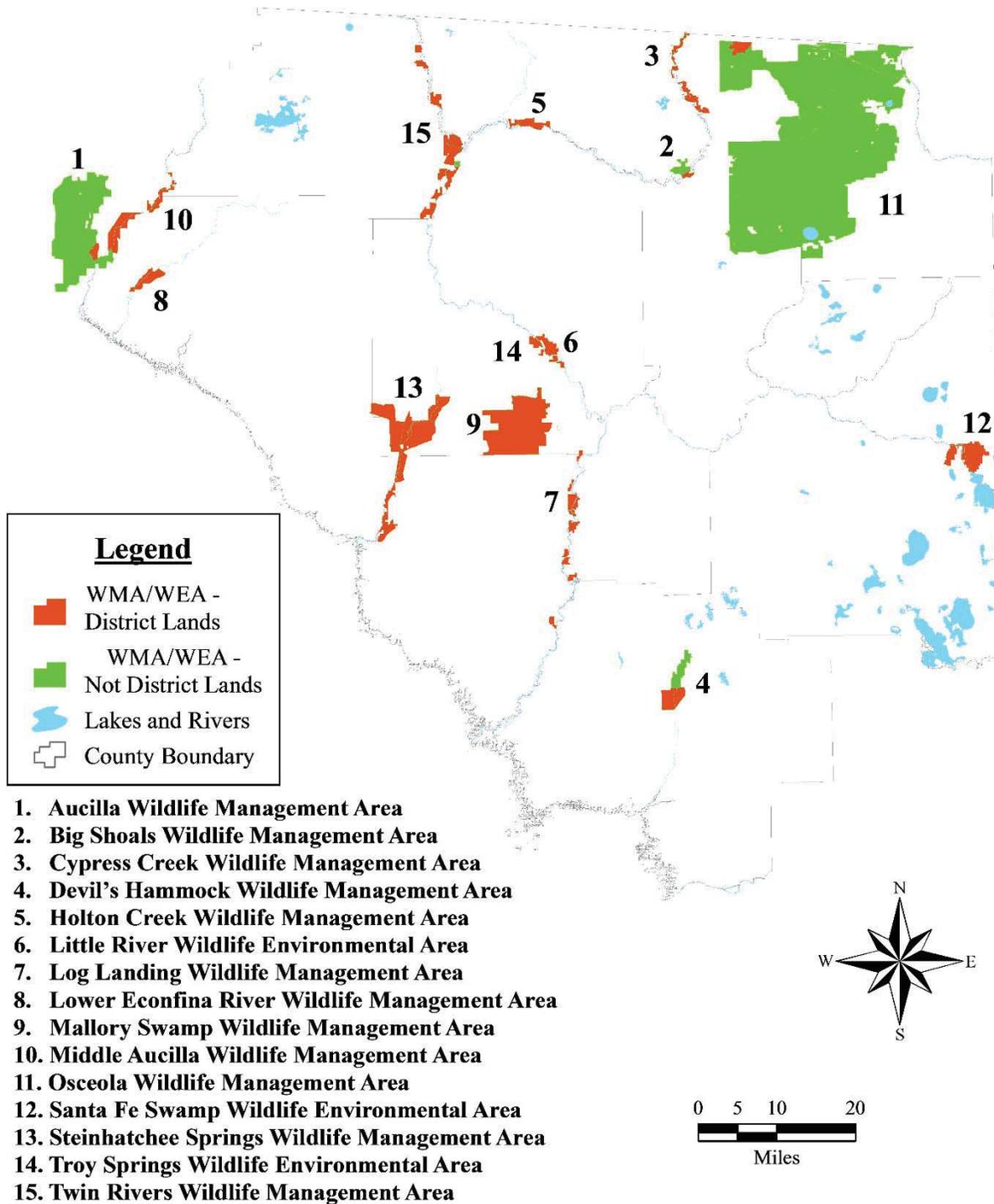
by Commission Attorney:

Name: _____
Date: _____

Name: _____
Date: _____

Exhibit B-1

**DISTRICT MANAGED
WMAs and WEAs**



MEMORANDUM

TO: Governing Board
FROM: Roary Snider, Chief of Staff, Administration and Operations
DATE: February 28, 2017
SUBJECT: District Land Management and Twin River State Forest (TRSF) Activity Summary

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

TRSF staff supervised the planting of 185 acres of longleaf pine seedlings on 3 TRSF tracts.

TRSF staff removed 3,000 feet of old dilapidated barbwire fence along the county grade of Black Tract.

TRSF staff met with District staff in the field to look at additional timber sales for this fiscal year as requested by the Governing Board.

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

/pf

District Prescribed Fire Report

Summary Table FY 2017

	2016 Target Acres	Acres Complete
SRWMD	11,000	682
FFS TRSF	2,000	377
TOTAL	13,000	1059

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 (12/16 - 1/17)

TRACT	COUNTY	B&B	NRPS	WFS	SRS	ATK-1	FFS COOP	FFS TRSF	Total Acres	Total Wildfire Acres
Steinhatchee Springs	Lafayette		61				304			
R.O. Ranch	Lafayette						253			
Black	Madison							5		
Chitty Bend East	Hamilton							104		
Ellaville	Madison							128		
Mill Creek South								78		
Sullivan	Madison							62		
<i>Sub-total for Period</i>		0	61	0	0	0	557	182	800	0.00
<i>Previous Acres Burned</i>			64				0	195		
Total Acres			125				557	377	1059	

District Timber Sales

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

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

District Conservation Easement Monitoring

- Conservation Easement inspections are planned for Hancock Otter Creek and Weyerhaeuser Gainesville Wellfield tracts.
- State Conservation Easement with Lyme Timber in Dixie County.

Twin River State Forest Timber Sales

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

MEMORANDUM

TO: Governing Board
 FROM: Roary E. Snider, Esq., Chief of Staff
 DATE: February 28, 2017
 RE: Land Acquisition and Disposition Activity Report

Approved for Detailed Assessment

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

Authorized for Surplus

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

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 th 2017.
Columbia County Surplus	78 +/-	Columbia	07/2015	Enforce ment Action	ITB in Process	N/A	To be determined by appraisal	Governing Board approved surplus on 7/12/2016
Horseshoe Beach Wellfield Tract	98 +/-	Dixie	07/2011	Florida Forever Bonds	N/A for Conveyance to Govt. Entity	N/A	N/A	Governing Board approved surplus on 7/12/2016

Authorized for Exchange

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

/kr

MEMORANDUM

TO: Governing Board

FROM: Tom Mirti, Division Director, Water Resources

DATE: February 28, 2017

RE: Agricultural Water Use Monitoring Report

BACKGROUND

In September 2012, the District began a program of water use monitoring for agricultural water use reporting on wells of 8" diameter or greater. Where possible, agricultural water use is estimated using monthly power consumption records provided by the electrical power provider. Estimation by power use is the most cost-effective method of water use reporting. To date, farmer agreements authorizing the District to receive power usage reports directly from the cooperatives are in effect on 491 (98.2 MGD) monitoring points.

Not all withdrawal points are suitable for estimation using power consumption. Diesel-powered pumps and complex interconnected irrigation systems still require direct methods of monitoring. The District employs telemetry to conduct water use monitoring on diesel-power systems. There are currently 278 (50.4 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 321 telemetry systems installed.

Some withdrawal points have very limited use and are monitored by individual site visits. There are currently 281 (20.5 MGD) limited use monitoring points in the District. Some users monitor their own water use and report that data to the District. There are currently three (0.4 MGD) self-monitored points.

To date, the District has permitted 1,389 (211.8 MGD) irrigation wells which include a water use monitoring condition, of which 1,153 (183.2 MGD) wells are active, i.e., the wells have been drilled already. Of the 1,153 active wells, 1,053 (169.4 MGD) are being monitored as of March 3, roughly 91.3% of existing active wells (92.5% of allocation) with water use permit monitoring conditions.

Of the remaining estimated 100 (13.8 MGD) active stations that currently will require water use monitoring, 4 (0.9 MGD) are diesel- or gas-powered systems requiring District telemetry, 80 (11.7 MGD) are electric systems, and 16 (1.2 MGD) systems still require identification. There are 236 (28.4 MGD) proposed stations (that is, the wells are yet to be drilled); 47 (4.0 MGD) are expected to be diesel or gas, 133 (19.8 MGD) are expected to be electric, and 56 (4.7 MGD) are yet to be determined.

TM/pf

MEMORANDUM

TO: Governing Board

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

DATE: March 3, 2017

RE: Approval of a Modification of Water Use Permit 2-041-215815-2, with a 0.0742 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2199 mgd of Groundwater for Agricultural Uses at the Gary Taylor Project, Gilchrist County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-041-215815-2 with seventeen standard conditions and eight special limiting conditions, to Gary Taylor, in Gilchrist County.

BACKGROUND

This is a modification of an existing agricultural water use to receive a 10-year extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 295 controlled acres and is located on the east end of NW 20th Street (CR 236) approximately 0.85 miles east of Bell, FL in Gilchrist County. Approximately 150 acres of a corn/ rye or peanut/ rye rotation is irrigated using groundwater from one well through one center pivot. Groundwater is also used to provide the water needs of approximately 200 head of cattle. The District's WUPAR model was used to calculate the supplemental irrigation requirement for corn, GWRAPPS was used determine the supplemental irrigation requirements for peanuts and rye, and livestock watering demands were determined using industry standards. The application review resulted in a 0.0742 mgd decrease in allocation, from 0.2941 mgd to 0.2199 mgd in 1-in-10-year drought conditions.

The one 10-inch diameter irrigation well will be monitored using reporting of electrical consumption. There are no lower quality water sources currently available for use, no reports of interference from previous withdrawals, and no harm to water resources associated with withdrawals at this project. The project area is not located within a Water Resource Caution Area.

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

/tm

WATER USE TECHNICAL STAFF REPORT
 10-Feb-2017
 APPLICATION #: 2-041-215815-2

Owner: Gary Taylor
 2719 NW 70th Way
 Bell, FL 32619-3040
 (352) 463-2605

Applicant: Gary Taylor
 2719 NW 70th Way
 Bell, FL 32619-3040
 (352) 463-2605

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: Gary Taylor
County: Gilchrist

Located in WRCA: No
Objectors: No

Authorization Statement:

The permittee is authorized to withdraw a maximum of 0.2169 mgd of groundwater for supplemental irrigation of a corn/ rye rotation, or a maximum of 0.1710 mgd of groundwater for supplemental irrigation of a peanuts/ rye rotation. The permittee is also authorized to withdraw a maximum 0.0030 mgd of groundwater for livestock use.

Recommendation: Approval

Reviewers: Tim Sagul; Stefani Leavitt; Warren Zwanka

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
0.2199		-0.0742

Recommended Permit Duration and Compliance Reporting: 10-year permit extension, to expire 12/20/2031

USE STATUS: This is a modification of an existing agricultural use to receive a 10-year extension for voluntary automated reporting of groundwater withdrawals

PROJECT DESCRIPTION:

This project is located on the east end of NW 20th Street (CR236) approximately 0.85 miles east of Bell, FL in Gilchrist County, and consists of 295 controlled and 150 irrigated acres. Groundwater from one well is used to irrigate a corn/ rye or peanut/ rye rotation through one center pivot. Groundwater is also used to provide the water needs of approximately 200 head of beef cattle.

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

WATER USE CALCULATIONS:

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

Peanuts grown from April 1 to October 15: 11.49 inches/ year

Rye grown from November 1 to March 1: 3.83 inches/ year

Livestock water demands were determined based on the industry standard 15 gallons per cow daily.

PERMIT APPLICATION REVIEW:

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

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

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

Is this a reasonable–beneficial use?

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

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

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

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

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

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

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

Yes. Water use consistent with the aforementioned supplemental irrigation models is economic and efficient. The permittee will implement the following water conservation measures for the agricultural uses: checking daily for irrigation leaks and repairing them as needed, using a new or retrofitted pivot system and efficiency testing that system every 5 years to maintain a distribution uniformity of 80% or greater, operating pivot sprinklers on drops with pressure regulators, burying irrigation pipe to reduce the possibility of damage, 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, maintaining written records of rainfall, employing operational pump shutdown to prevent pump operation in the event of an irrigation system malfunction, planting cover crops in the winter, and irrigating when the wind is less than 5 mph when feasible.

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

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

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

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

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

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

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

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

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

No. Project withdrawals were modeled and showed a simulated Upper Floridan aquifer drawdown of less than 0.5 feet at the project boundary. There are no wetlands on or proximate to the project, therefore the 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: Gary Taylor

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
127539	Taylor Well	10	Unknown	FAS - Upper Floridan Aquifer	Active	Agricultural

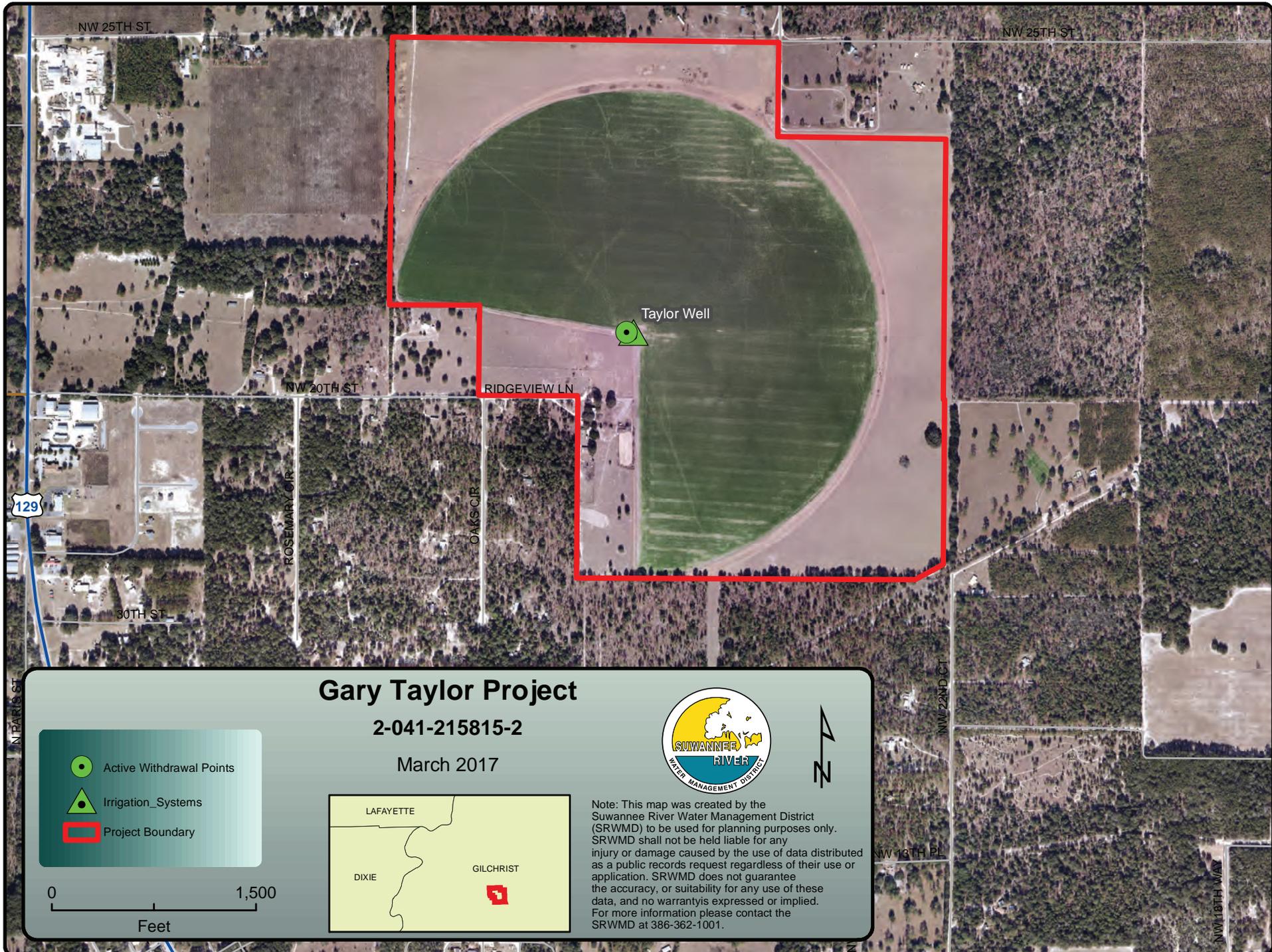
Conditions

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 **12/20/2031**. 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 **(2-041-215815-2)**.
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 0.2169 mgd of groundwater for supplemental irrigation of a corn/ rye rotation, or a maximum of 0.1710 mgd of groundwater for supplemental irrigation of a peanuts/ rye rotation. 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 0.0030 mgd of groundwater for livestock use. Daily allocations are calculated on an average annual basis.



Gary Taylor Project

2-041-215815-2

March 2017



-  Active Withdrawal Points
-  Irrigation_Systems
-  Project Boundary



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

MEMORANDUM

TO: Governing Board

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

DATE: March 3, 2017

RE: Approval of a Modification of Water Use Permit 2-041-215829-2, with a 0.0723 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.0400 mgd of Groundwater for Agricultural Uses at the G. D. Cannon Project, Gilchrist County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-041-215829-2 with seventeen standard conditions and eight special limiting conditions, to G. D. Cannon, in Gilchrist County.

BACKGROUND

This is a modification of an existing agricultural water use to receive a 10-year extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 36 controlled acres and is located in the southwest corner of the intersection of NW 35th Street and CR 341, west of Bell in Gilchrist County. Approximately 28 acres of a corn/ rye or peanut/ rye rotation is irrigated using groundwater from one well through one center pivot. Groundwater is also used to provide the water needs of approximately 50 head of cattle. The District's WUPAR model was used to calculate the supplemental irrigation requirement for corn, GWRAPPS was used determine the supplemental irrigation requirements for peanuts and rye, and livestock watering demands were determined using industry standards. The application review resulted in a 0.0723 mgd decrease in allocation, from 0.1123 mgd to 0.0400 mgd in 1-in-10-year drought conditions.

The one 8-inch diameter irrigation well will be monitored using District telemetry. There are no lower quality water sources currently available for use, no reports of interference from previous withdrawals, and no harm to water resources associated with withdrawals at this project. The project area is not located within a Water Resource Caution Area.

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

/tm

WATER USE TECHNICAL STAFF REPORT
 15-Feb-2017
 APPLICATION #: 2-041-215829-2

Owner: G. D. Cannon
 11700 Diamond C Lane
 Jacksonville, FL 32219
 (904) 764-5720

Applicant: G. D. Cannon
 11700 Diamond C Lane
 Jacksonville, FL 32219
 (904) 764-5720

Agent: Rodney Watson
 83 Farms, LLC
 6510 N US Highway 129
 Bell, FL 32619-4116
 (386) 935-4499

Compliance Contact: Rodney Watson
 83 Farms, LLC
 6510 N US Highway 129
 Bell, FL 32619-4116
 (386) 935-4499

Project Name: G.D. Cannon
County: Gilchrist

Located in WRCA: No
Objectors: No

Authorization Statement:
 The permittee is authorized to withdraw a maximum of 0.0392 mgd of groundwater for supplemental irrigation of a corn/ rye rotation, or a maximum of 0.0290 mgd of groundwater for supplemental irrigation of a peanuts/ rye rotation. The permittee is also authorized to withdraw a maximum of 0.0008 mgd of groundwater for livestock use.

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

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
0.0400		-0.0723

Recommended Permit Duration and Compliance Reporting: 10-year permit extension, to expire 1/25/2032

USE STATUS: This is a modification of an existing agricultural use to receive a 10-year extension for voluntary automated reporting of groundwater withdrawals

PROJECT DESCRIPTION:

This project is located in the southwest corner of the intersection of NW 35th Street and CR341, west of Bell, FL in Gilchrist County, and consists of 36 controlled and 28 irrigated acres. Groundwater from one well is used to irrigate a corn/ rye or peanut/ rye rotation through one center pivot. Groundwater is also used to provide the water needs of approximately 50 head of beef cattle.

The permittee has elected SRWMD telemetered monitoring of the single irrigation well to comply with the water use reporting requirements of special condition 18.

WATER USE CALCULATIONS:

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

Peanuts grown from April 1 to October 15: 10.70 inches/ year

Rye grown from November 1 to March 1: 3.22 inches/ year

Livestock water demands were determined based on the industry standard 15 gallons per cow daily.

PERMIT APPLICATION REVIEW:

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

(a) is a reasonable-beneficial use;

(b) will not interfere with any presently existing legal use of water; and

(c) is consistent with the public interest.

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

Is this a reasonable–beneficial use?

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

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

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

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

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

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

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

Yes. Water use consistent with the aforementioned supplemental irrigation models is economic and efficient. The permittee will implement the following water conservation measures for the agricultural uses: checking daily for irrigation leaks and repairing them as needed, efficiency testing the irrigation system every 5 years to maintain a distribution uniformity of 80% or greater, operating pivot sprinklers on drops with pressure regulators, burying irrigation pipe to reduce the possibility of damage, 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, maintaining written records of rainfall, 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: G.D. Cannon

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
127572	Cannon Well	8	Unknown	FAS - Upper Floridan Aquifer	Active	Agricultural

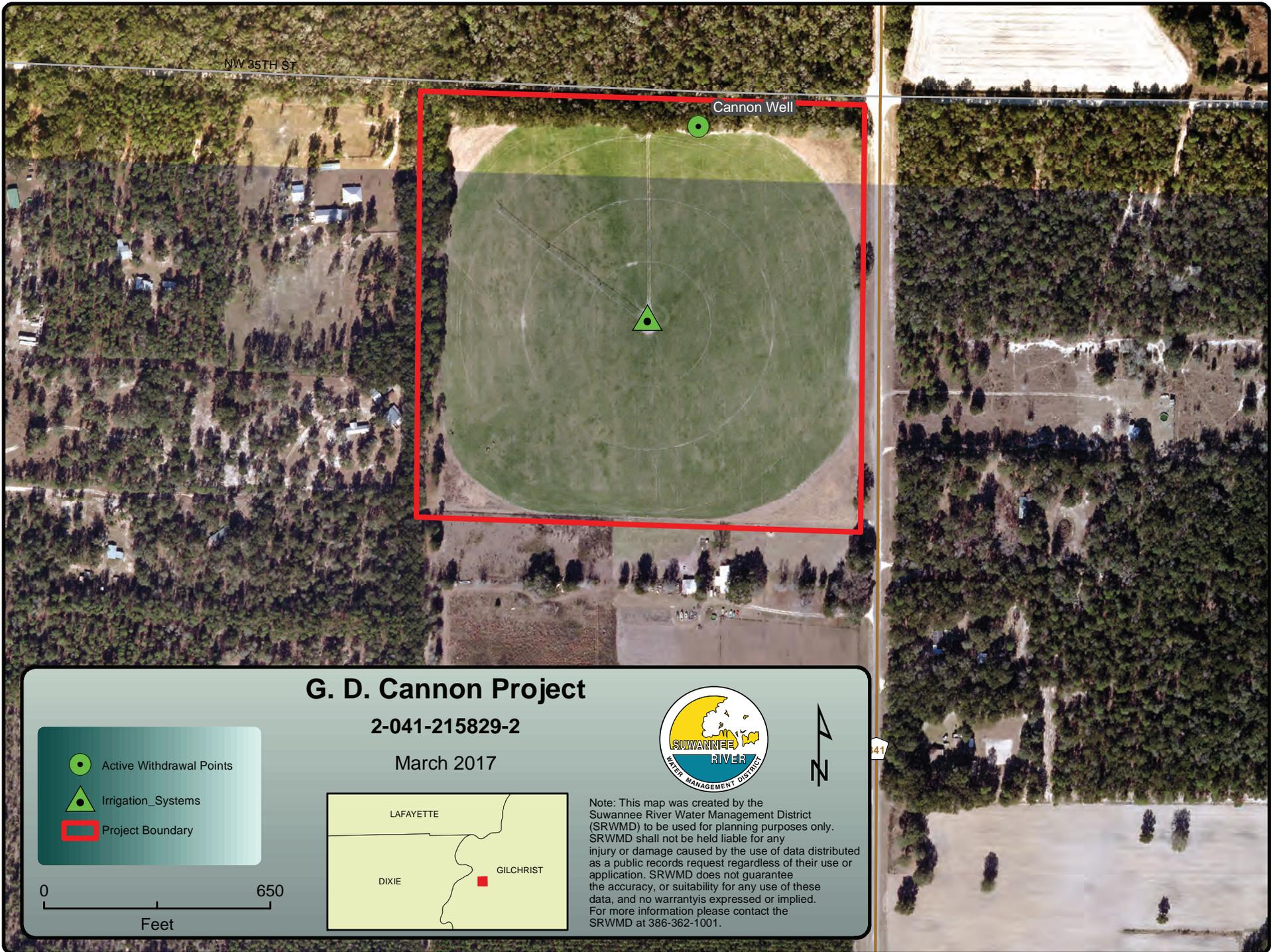
Conditions

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 **1/25/2032**. 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 **(2-041-215829-2)**.
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 0.0392 mgd of groundwater for supplemental irrigation of a corn/ rye rotation, or a maximum of 0.0290 mgd of groundwater for supplemental irrigation of a peanuts/ rye rotation. 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 0.0008 mgd of groundwater for livestock use. Daily allocations are calculated on an average annual basis.



G. D. Cannon Project

2-041-215829-2

March 2017



-  Active Withdrawal Points
-  Irrigation_Systems
-  Project Boundary



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

MEMORANDUM

TO: Governing Board

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

DATE: March 3, 2017

RE: Approval of a Modification of Water Use Permit 2-121-220642-3, with a 0.3739 mgd Decrease in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.2808 mgd of Groundwater for Agricultural Use at the Hay 136 Ross Farm Project, Suwannee County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-121-220642-3 with seventeen standard conditions and eight special limiting conditions, to David Corbett, in Suwannee County.

BACKGROUND

This is a modification of an existing agricultural water use to receive a 10-year extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 472 controlled acres and is located on the south side of CR136 in Suwannee County between 217th Road and 209th Place, including a 39-acre parcel southeast of the intersection of CR136 and 209th Place. Approximately 293 acres of a beans/ peanuts/ rye rotation are irrigated using groundwater from two wells through three center pivots. Approximately 148 acres of a squash/ rye rotation are also irrigated using drip irrigation from a third well. GWRAPPS was used to determine the supplemental irrigation requirements, and an additional 0.0002 mgd was allocated for tank filling based on historic use. The application review resulted in a 0.3739 mgd decrease in allocation, from 0.6547 mgd to 0.2808 mgd in 1-in-10-year drought conditions.

All three irrigation wells (one 8" and two 12" diameter) will be monitored using electrical consumption. There are no lower quality water sources currently available for use, no reports of interference from previous withdrawals, and no harm to water resources associated with withdrawals at this project. The project area is not located within a Water Resource Caution Area.

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

/tm

WATER USE TECHNICAL STAFF REPORT
31-Jan-2017
APPLICATION #: 2-121-220642-3

Owner: David Corbett
1071 Highway 376 East
Lake Park, GA 31636
(229) 559-6071

Applicant: David Corbett
1071 Highway 376 East
Lake Park, GA 31636
(229) 559-6071

Agent: Not Applicable

Compliance Contact: Not Applicable

Project Name: Hay 136 Ross Farm
County: Suwannee

Located in WRCA: No
Objectors: No

Authorization Statement:

The permittee is authorized to withdraw a maximum 0.2206 mgd of groundwater for supplemental irrigation of a peanuts/ rye rotation, or 0.1879 mgd of groundwater for supplemental irrigation of a beans/ rye rotation. The permittee is also authorized to withdraw a maximum 0.0600 mgd of groundwater for supplemental irrigation of a squash/ rye rotation, and a maximum 0.0002 mgd of groundwater for tank filling.

Recommendation: Approval
Reviewers: Tim Sagul; Warren Zwanka

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
0.2808		-0.3739

Recommended Permit Duration and Compliance Reporting: 10-year permit extension, to expire March 14, 2037.

USE STATUS: This is a modification of an existing agricultural use to combine projects and receive a 10-year permit extension for automated reporting of groundwater withdrawals

PROJECT DESCRIPTION:

This project is located on the south side of CR136 in Suwannee County between 217th Road and 209th Place, including a 39-acre parcel southeast of the intersection of CR136 and 209th Place, and consists of approximately 472 controlled and 441 irrigated acres. Groundwater from three wells will be used to irrigate a peanuts/ beans rotation through three center pivots, and squash using drip irrigation. Groundwater will also be used to fill a nurse tank.

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

WATER USE CALCULTIONS:

The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

- Beans grown from March 1 to May 1: 6.84 inches/ year
- Peanuts grown from April 20 to October 1: 8.34 inches/ year
- Rye grown from November 1 to February 1: 1.78 inches/ year
- Squash grown from March 1 to April 25: 3.67 inches/ year

The tank filling water demand was calculated based on filling a 400 gallon tank three times daily for two months.

PERMIT APPLICATION REVIEW:

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

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

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

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

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

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

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

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

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

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

Yes. Water use consistent with the aforementioned supplemental irrigation model 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 systems and efficiency testing those systems every 5 years to maintain a distribution uniformity of 80% or greater, burying irrigation pipe to prevent damage, maintaining written records of rainfall and scheduling irrigation based on plant needs, ensuring automated end gun shutoffs are working properly and only watering target crops, employing operational pump shutdown to prevent pump operation in the event of an irrigation system malfunction, planting cover crops in the winter, and irrigating at night and 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: Hay 136 Ross

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
120224	Hay Farm Well	8	700	FAS - Upper Floridan Aquifer	Active	Agricultural
120531	136 Farm Well	12	1000	FAS - Upper Floridan Aquifer	Active	Agricultural
121213	Ross Farm Well	12	1200	FAS - Upper Floridan Aquifer	Active	Agricultural

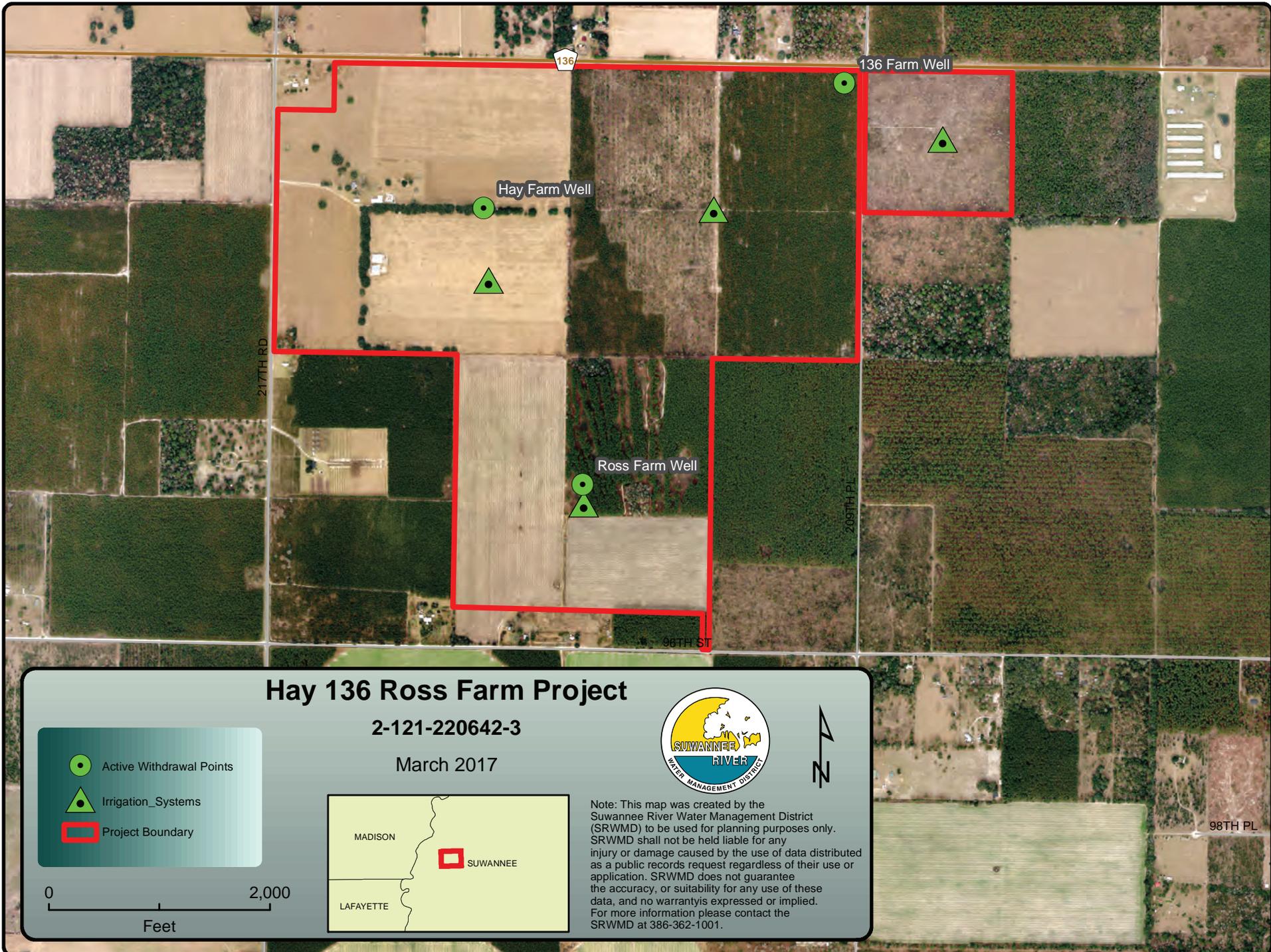
Conditions

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 **3/14/2037**. The permittee must submit the appropriate application form incorporated by reference in subsection 40B-2.402(8)(a), F.A.C., and the required fee to the District pursuant to section 40B-2.361, F.A.C., up to one year prior to this expiration date in order to continue the use of water.
8. Use classification is **Agricultural**.
9. Source classification is **Groundwater**.
10. The permitted water withdrawal facilities consist of the stations in the Withdrawal Point Information table(s).
11. The permittee must mitigate interference with existing legal uses caused in whole or in part by the permittee's withdrawals, consistent with a District-approved mitigation plan. As necessary to offset such interference, mitigation may include, but is not limited to, reducing pumpage, replacing the existing legal user's withdrawal equipment, relocating wells, changing withdrawal source, supplying water to existing legal user, or other means needed to mitigate the impacts.
12. The permittee must mitigate harm to existing off-site land uses caused by the permittee's withdrawals. When harm occurs, or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
13. The permittee must mitigate harm to the natural resources caused by the permittee's withdrawals. When harm occurs or is imminent, the permittee must modify withdrawal rates or mitigate the harm.

14. If any condition of the permit is violated, the permittee shall be subject to enforcement action pursuant to chapter 373, F.S.
15. The permittee must notify the District in writing prior to implementing any changes in the water use that may alter the permit allocations. Such changes include, but are not limited to, change in irrigated acreage, crop type, irrigation system, water treatment method, or entry into one or more large water use agreements. In the event a proposed change will alter the allocation, permittee must first obtain a permit modification.
16. All correspondence sent to the District regarding this permit must include the permit number **(2-121-220642-3)**.
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. 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.

22. 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.
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 0.2206 mgd of groundwater for supplemental irrigation of a peanuts/ rye rotation or 0.1879 mgd of groundwater for supplemental irrigation of a beans/ rye rotation. The permittee is also authorized to withdraw a maximum 0.0600 mgd of groundwater for supplemental irrigation of a squash/ rye rotation. 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 0.0002 mgd of groundwater for tank filling. Daily allocations are calculated on an average annual basis.



Hay 136 Ross Farm Project

2-121-220642-3

March 2017



-  Active Withdrawal Points
-  Irrigation_Systems
-  Project Boundary



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

MEMORANDUM

TO: Governing Board

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

DATE: March 3, 2017

RE: Approval of a Modification of Water Use Permit 2-001-220715-2, with a 0.1768 mgd Increase in Allocation and a 10-Year Permit Extension, Authorizing the Use of 0.1777 mgd of Groundwater for Agricultural Use at the Venco Place Project, Alachua County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-001-220715-2 with seventeen standard conditions and eight special limiting conditions, to Venco, Inc., in Alachua County.

BACKGROUND

This is a modification of an existing agricultural water use to receive a 10-year extension for voluntarily implementing automated monitoring of withdrawals. The project consists of 182 controlled acres and is located on the south side of Hwy 26, two miles east of Newberry, FL, in Alachua County. Approximately 180 acres of a melons/ cucumbers or melons/ squash rotation will be irrigated using groundwater from one well through drip irrigation. Groundwater from a second well is used to provide the water needs of approximately 60 head of cattle. GWRAPPS was used determine the supplemental irrigation requirements, and livestock watering demands were determined using industry standards. The application review resulted in a 0.1768 mgd increase in allocation, from 0.0009 mgd to 0.1777 mgd in 1-in-10-year drought conditions.

The one 10-inch diameter irrigation well will be monitored using telemetry. There are no lower quality water sources currently available for use, no reports of interference from previous withdrawals, and no harm to water resources associated with withdrawals at this project. The project area is not located within a Water Resource Caution Area.

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

/tm

WATER USE TECHNICAL STAFF REPORT
03-Feb-2017
APPLICATION #: 2-001-220715-2

Owner: Leon Wyszowski
Venco, Inc.
PO Box 142290
Gainesville, FL 32614
(402) 332-9944

Applicant: Leon Wyszowski
Venco, Inc.
PO Box 142290
Gainesville, FL 32614
(402) 332-9944

Agent: Josh Moore
12835 SW 3rd Place
Newberry, FL 32669
(352) 258-6309

Compliance Contact: Josh Moore
12835 SW 3rd Place
Newberry, FL 32669
(352) 258-6309

Project Name: Venco Place
County: Alachua

Located in WRCA: No
Objectors: No

Authorization Statement:

The permittee is authorized to withdraw a maximum of 0.1768 mgd of groundwater for supplemental irrigation of a melons/ cucumbers rotation, or a maximum of 0.1619 mgd of groundwater for supplemental irrigation of a melons/ squash rotation. The permittee is also authorized a maximum of 0.0009 mgd of groundwater for livestock use.

Recommendation: Approval

Reviewers: Tim Sagul; Warren Zwanka

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
0.1777		0.1768

Recommended Permit Duration and Compliance Reporting: 10-year permit extension, to expire March 14, 2037.

USE STATUS: This is a modification of an existing agricultural use to receive a 10-year permit extension for automated reporting of groundwater withdrawals

PROJECT DESCRIPTION:

This project is located two miles east of Newberry, FL on the south side of Hwy 26, and consists of 182 controlled and 180 irrigated acres. Groundwater from one well will be used to irrigate either a melons/ cucumbers or a melons/ squash rotation using drip. Groundwater from a second well is used to provide the water needs of approximately 60 head of cattle.

The permittee has elected SRWMD telemetry monitoring on the single irrigation well to comply with the water use reporting requirements of special condition 18.

WATER USE CALCULATIONS:

The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Cucumbers grown from September 1 to December 1: 3.4 inches/ year

Squash grown from September 1 to December 1: 3.38 inches/ year

Melons grown from March 1 to July 15: 8.71 inches/ year

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

PERMIT APPLICATION REVIEW:

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

(a) is a reasonable-beneficial use;

(b) will not interfere with any presently existing legal use of water; and

(c) is consistent with the public interest.

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

Is this a reasonable-beneficial use?

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

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

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

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

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

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

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

Yes. Water use consistent with the aforementioned supplemental irrigation model 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, installing new drip tape each year and efficiency testing the irrigation system to maintain a 90% distribution uniformity, emitting irrigation water only in the root zone, using UF-IFAS and NRCS-approved methods and soil moisture probes for scheduling irrigation, employing operational pump shutdown to prevent pump operation in the event of an irrigation system malfunction, and planting cover crops in the winter.

**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: Venco Place

Wells Detail						
District ID	Station Name	Casing Diameter (inches)	Capacity (GPM)	Source Name	Status	Use Type
127655	Well2	4	Unknown	FAS - Upper Floridan Aquifer	Active	Agricultural
127656	Well1	10	Unknown	FAS - Upper Floridan Aquifer	Proposed	Agricultural

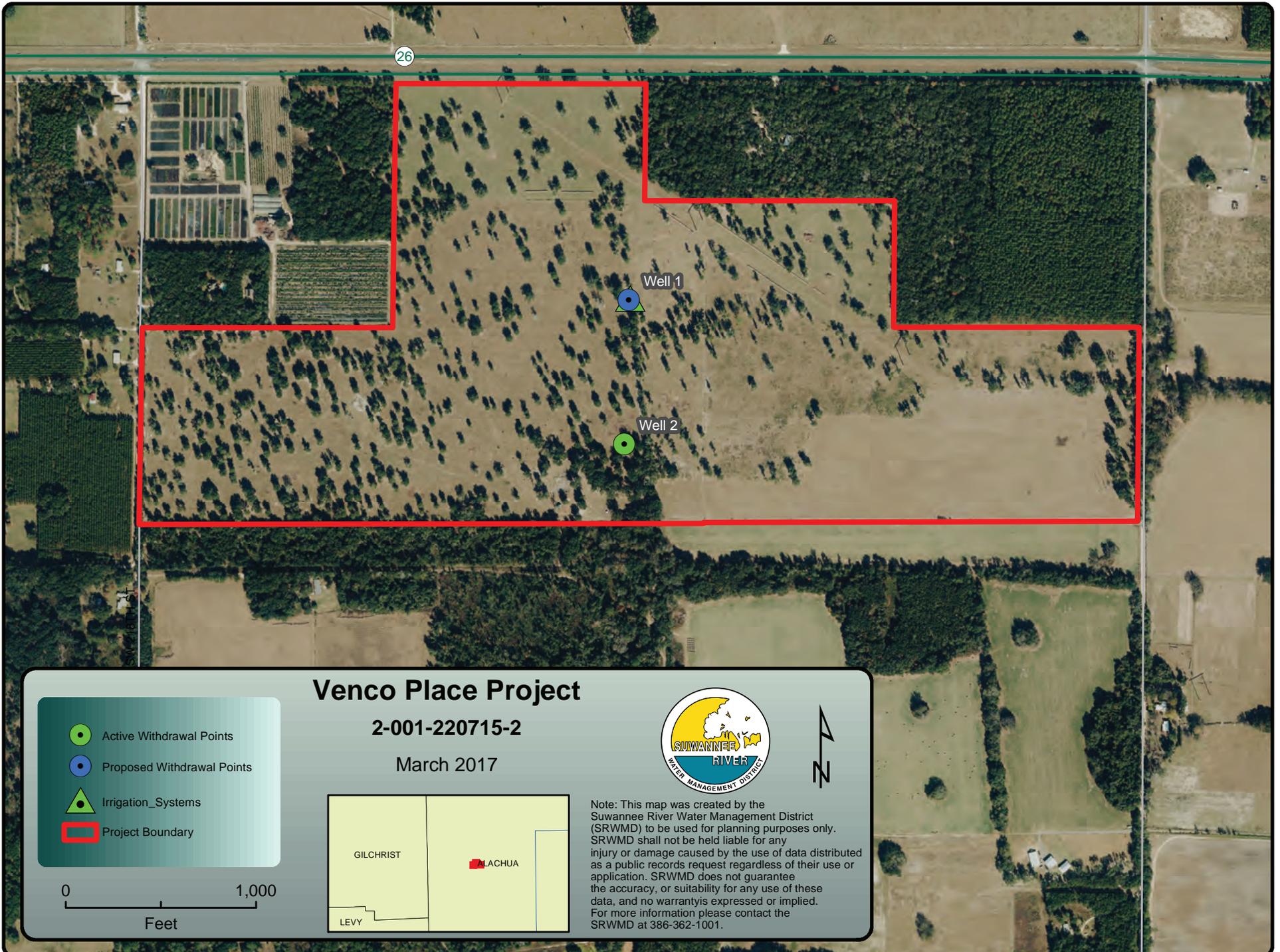
Conditions

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

5. With advance notice to the permittee, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications. The permittee shall either accompany District staff onto the property or make provision for access onto the property.
6. A permittee may seek modification of any term of an unexpired permit. The permittee is advised that section 373.239, F.S., and section 40B-2.331, F.A.C., are applicable to permit modifications.
7. This permit shall expire on **3/14/2037**. The permittee must submit the appropriate application form incorporated by reference in subsection 40B-2.402(8)(a), F.A.C., and the required fee to the District pursuant to section 40B-2.361, F.A.C., up to one year prior to this expiration date in order to continue the use of water.
8. Use classification is **Agricultural**.
9. Source classification is **Groundwater**.
10. The permitted water withdrawal facilities consist of the stations in the Withdrawal Point Information table(s).
11. The permittee must mitigate interference with existing legal uses caused in whole or in part by the permittee's withdrawals, consistent with a District-approved mitigation plan. As necessary to offset such interference, mitigation may include, but is not limited to, reducing pumpage, replacing the existing legal user's withdrawal equipment, relocating wells, changing withdrawal source, supplying water to existing legal user, or other means needed to mitigate the impacts.
12. The permittee must mitigate harm to existing off-site land uses caused by the permittee's withdrawals. When harm occurs, or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
13. The permittee must mitigate harm to the natural resources caused by the permittee's withdrawals. When harm occurs or is imminent, the permittee must modify withdrawal rates or mitigate the harm.
14. If any condition of the permit is violated, the permittee shall be subject to enforcement action pursuant to chapter 373, F.S.

15. The permittee must notify the District in writing prior to implementing any changes in the water use that may alter the permit allocations. Such changes include, but are not limited to, change in irrigated acreage, crop type, irrigation system, water treatment method, or entry into one or more large water use agreements. In the event a proposed change will alter the allocation, permittee must first obtain a permit modification.
16. All correspondence sent to the District regarding this permit must include the permit number **(2-001-220715-2)**.
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 0.1768 mgd of groundwater for supplemental irrigation of a melons/ cucumbers rotation, or a maximum of 0.1619 mgd of groundwater for supplemental irrigation of a melons/ squash rotation. 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 0.0009 mgd of groundwater for livestock use. Daily allocations are calculated on an average annual basis.



MEMORANDUM

TO: Governing Board
 FROM: Tim Sagul, P.E., Division Director, Resource Management
 DATE: March 3, 2017
 RE: Permitting Summary Report

Environmental Resource Permitting (ERP) Activities

Permit Review

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

January 2017	Exemption Requests	Noticed Generals	Generals	10-2 Self Certifications	Individuals	Conceptuals	Total
Applications received	5	5	5	2	3	1	21
Permits issued	2	4	1	0	1	0	8
Inspections	1	6	56	5	20	0	88
Total permits issued from January 2012 to January 2017	272	192	268	248	184	12	1176

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

Permit Number	Project Name	County	Issue Date
226386-3	Rayonier Lease NW 257 th Street Borrow Pit	Bradford	1/23/2017

Water Use Permitting and Water Well Construction Activities

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

January 2017	Received		Issued
Water Use Permits	26		12
Water well permits issued: 178			
Abandoned/Destroyed	9	Livestock	1
Agricultural Irrigation	14	Monitor	30
Aquaculture	0	Nursery	0
Climate Control	0	Other	0
Fire Protection	0	Public Supply	0
Garden (Non Commercial)	0	Self-supplied Residential	124
Landscape Irrigation	0	Drainage or Injection	0
Commercial or Industrial	0	Remediation Recovery	0

**Rulemaking Schedule
March 2017**

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

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

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

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

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

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

MEMORANDUM

TO: Governing Board
FROM: Darrell Smith, Division Director
DATE: February 28, 2017
RE: Approval to Enter into Contract with Four Agricultural Producers to Provide Water Conservation Cost-Share Funding

RECOMMENDATION

Staff recommends the Governing Board authorize the Executive Director to enter into contract with four applicants as part of the Florida Department of Environmental Protection and District Agricultural Cost-Share Program totaling \$305,255.

BACKGROUND

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

There are four applicants who have applied for water conservation cost-share assistance during the February 2017 application period. These applicants are Mike Adams, Harold Land, Jeffco Dairy, LLC, and Charles Davis. The applicants' proposed projects meet all requirements and goals to receive cost-share assistance. Details of each project are outlined below.

Mike Adams

This cost-share project is with Mike Adams on parcels located in southern Hamilton County. The project will install a centralized remote control system, thirteen upgraded GPS capable control panels, eighteen GPS end-gun shutoffs, and twenty-nine remote controls. These tools reduce groundwater use by allowing enhanced management of irrigation scheduling events as well as notifying the producer of mechanical malfunctions and system failures.

The upgrades to these irrigation systems are expected to result in approximately 0.27 million gallons per day of water savings at a cost of \$0.16 per thousand gallons over the estimated life of the equipment (life span of 10 years equates to greater than 2 billion gallons of water saved). This project is located within the Alapaha River Basin and Upper Suwannee River Regional Water Resource Caution Areas.

The total project cost is \$211,066.67, FDEP will contribute \$97,750 through Agreement No. S0796 – Suwannee River Water Management District Springs Protection Projects – the District will contribute \$60,550 through The Ag Cost-Share Program to make up the \$158,300 recommended for Governing Board approval. The applicant's portion of these items will be \$52,766.67. In Exhibit A is a list of the proposed cost share items, proposed funding amount, and water conservation tools. In 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 06-2586-7-2400-07-06, and 51-2586-7-2400-06-07.

Harold Land

This cost-share project is with Harold Land on parcels located in western Suwannee County. The project will install a centralized remote control system, eight upgraded GPS capable control panels, eight GPS end-gun shutoffs, and twelve remote controls. These tools reduce groundwater use by allowing enhanced management of irrigation scheduling events as well as notifying the producer of mechanical malfunctions and system failures.

The upgrades to these irrigation systems are expected to result in approximately 0.15 million gallons per day of water savings at a cost of \$0.15 per thousand gallons over the estimated life of the equipment (life span of 10 years equates to greater than 500 million gallons of water saved). This project is located within the draft Suwannee River Basin Management Action Plan area.

The total project cost is \$111,200.00, FDEP will contribute \$51,000 through Agreement No. S0796 – Suwannee River Water Management District Springs Protection Projects – The District will contribute \$32,400 through The Ag Cost-Share Program to make up the \$80,455 recommended for Governing Board approval. The applicant's portion of these items will be \$27,800. In Exhibit A is a list of the proposed cost share items, proposed funding amount, and water conservation tools. In 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 06-2586-7-2400-07-06, and 51-2586-7-2400-06-07.

Jeffco Dairy, LLC

This cost-share project is with Jeffco Dairy on parcels located in northern Jefferson County. The project will provide cost-share assistance for one portable fertigation tank and retrofit sprinkler packages on three center pivot irrigation systems. Retrofitting these irrigation systems will increase the efficiency of the application of irrigation water thus saving water. The purchase of a portable fertigation tank will give the producer the ability to apply fertilizer through their irrigation systems and giving them increased control and management of fertilizer applications.

The upgrades to these irrigation systems are expected to result in approximately 0.05 million gallons per day of water savings at a cost of \$0.14 per thousand gallons over the estimated life of the equipment (life span of 5 years equates to 180 million gallons of water saved). Actual water savings will be documented upon the completion of a pre- and post-evaluation of the irrigation system by a Florida Department of Agriculture and Consumer Services approved Mobile Irrigation Lab. The utilization of a portable fertigation tank is expected to save approximately 10,200 pounds of nutrients per year at a cost of \$0.09 per pound over the estimated life of the equipment (life span of 10 years equates to more than 50 tons of reduction).

The total project cost is \$45,000, FDEP will contribute \$25,875 through Agreement No. S0796 – Suwannee River Water Management District Springs Protection Projects – The District will contribute \$7,875 through The Ag Cost-Share Program to make up the \$33,750 recommended for Governing Board approval. The applicant's portion of these items will be \$11,250. In Exhibit A is a list of the proposed cost share items, proposed funding amount, and water conservation tools. In 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 06-2586-7-2400-07-06, 51-2586-7-2400-06-07, and 06-2586-7-2400-07-05.

Charles Davis

This cost-share project is with Charles Davis on parcels located in northern Alachua and western Bradford Counties. This project will provide cost-share assistance for four soil moisture probes and retrofit sprinkler packages on three center pivot irrigation systems. Retrofitting these irrigation systems will increase the efficiency of the application of irrigation water thus saving water. Installing soil moisture probes will help the producer use real-time soil moisture data to schedule irrigation events at an advanced level.

The upgrades to these irrigation systems and utilization of soil moisture probes are expected to result in approximately 0.08 million gallons per day of water savings at a cost of \$0.09 per thousand gallons over the estimated life of the equipment (life span of 5 years equates to 359 million gallons of water saved). Actual water savings associated with the irrigation system retrofits will be documented upon the completion of a pre- and post-evaluation of the irrigation system by a Florida Department of Agriculture and Consumer Services approved Mobile Irrigation Lab.

The total project cost is \$43,666.67, FDEP will contribute \$16,875.00 through Agreement No. S0796 – Suwannee River Water Management District Springs Protection Projects – The District will contribute \$15,875.00 through The Ag Cost-Share Program to make up the \$32,750 recommended for Governing Board approval. The applicant's portion of these items will be \$10,916.67. In Exhibit A is a list of the proposed cost share items, proposed funding amount, and water conservation tools. In 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 06-2586-7-2400-07-06, and 51-2586-7-2400-06-07.

JWG/rl

Exhibit A

Owner Name	County	Improved Water Conservation	Advanced Nutrient Management	Nursery Water Conservation	Project Description
Mike Adams	Hamilton	\$158,300	-	-	1 Centralized Remote Control System, 13 Controller Panel Upgrades, 18 GPS End-Gun Shutoffs, and 29 Remote Controls
Harold Land	Suwannee	\$80,455	-	-	1 Centralized Remote Control System, 12 Remote Controls, 8 Controller Panel Upgrades, 8 GPS End-Gun Shutoffs
Jeffco Dairy, LLC	Jefferson	\$24,750	\$9,000	-	3 Center Pivot Retrofits, 1 Portable Fertigation Tank
Charles Davis	Alachua, Bradford	\$32,750	-	-	3 Center Pivot Retrofits, 4 Soil Moisture Probes
	Total Estimated	\$296,255	\$9,000	-	

GRAND TOTAL \$305,255

Exhibit B – Itemized List

Producer	Item	Maximum Cost Share Amount	Quantity	FDEP & SRWMD Item Total	Producer Share
Mike Adams	Centralized Remote Control System	\$9,000	1	\$9,000	\$3,000
	Remote Controls of Equipment	\$2,200	29	\$63,800	\$21,266.67
	Upgraded Controller Panels	\$4,500	13	\$58,500	\$19,500
	GPS End-gun Shutoff	\$1,500	18	\$27,000	\$9,000
	Totals:			\$158,300	\$52,766.67
Harold Land	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	8	\$36,000	\$12,000
	GPS End-gun Shutoff	\$1,500	8	\$12,000	\$4,000
	Totals:			\$83,400	\$27,800
Jeffco Dairy, LLC	Center Pivot Retrofit	\$8,250	3	\$24,750	\$8,250
	Portable Fertigation Tank	\$9,000	1	\$9,000	\$3,000
	Totals:			\$33,750	\$11,250
Charles Davis	Center Pivot Retrofit	\$8,250	3	\$24,750	\$8,250
	Soil Moisture Probe	\$2,000	4	\$8,000	\$2,666.67
	Totals:			\$32,750	\$10,916.67

MEMORANDUM

TO: Governing Board
FROM: Darrell Smith, Division Director
DATE: February 28, 2017
RE: Approval to Enter into Contract with Four Dairy Producers to Provide Water Conservation and Nutrient Reduction Cost-Share Funding

RECOMMENDATION

Staff recommends the Governing Board authorize the Executive Director to enter into contract with four cost-share applicants as part of the Florida Department of Environmental Protection and District Dairy Wastewater System Improvement Program totaling \$1,271,500.

BACKGROUND

At the September 2016 Governing Board meeting, the Board authorized the Executive Director to execute an agreement with the Florida Department of Environmental Protection (FDEP) for improvements in dairy wastewater systems to reduce nutrient impacts and/or conserve water for an amount totaling \$1,500,000. The District received applications requesting more than \$4,000,00 in assistance. As part of this program, participating dairy producers will provide a match of 25 percent or more for these improvements totaling \$835,500.

This request is to authorize the Executive Director to enter into contract with the four (4) dairy operations identified in Exhibit A.

Improvements made to the dairy operations with this program will include additional wastewater storage, advanced manure solids separation, and advanced treatment technologies. Additional wastewater storage for at least a 30-day minimum storage capacity, will allow better timing for wastewater applications to forage production areas. Advanced manure solids separation with separating screens and sand separation areas will allow for wastewater to be cleaned sufficient for irrigation application to be made through highly efficient drop nozzles. Advanced treatment technologies will allow for additional nutrient separation and conversion to by-products that provide more stable forms of nutrients which may be exported from the basin.

Water savings provided by this cost-share program are expected to result in a total of approximately 0.404 million gallons per day which equates to more than 1.4 billion gallons saved over the estimated life of the equipment (life span of 10 years). The total nutrient reductions realized thru this cost share are expected to result in a reduction of approximately

231,775 pounds of nitrogen per year which over the estimated life of the equipment (life span of 10 years) equates to more than 1,159 tons of nitrogen not applied. Each of these projects are located within the draft Suwannee River Basin Management Action Plan area.

The project costs submitted by the applicants total \$2,107,000 and the total cost-share funding request is \$1,271,500. Funding for this cost share will be entirely from FDEP through Agreement No. LP6103C Suwannee River Water Management District Dairy Wastewater Improvement Program. The applicants' portion of these items will be \$835,500. Exhibit A is a list of the applicants being recommended for contract development, proposed cost share, and a brief description of the proposed activity.

Funding for this project is included in the Fiscal Year 2017 budget under Account Code 06-2-5867-2400-06-05.

HLT/rl

Exhibit A – Project Overview

Owner Name	County	Water Savings (mg/day)	Nutrient Reductions (lbs./yr.)	Total Request	Cost-Share Amount	Description
Gomez Dairy	Suwannee	0.014	29,159	\$370,000	\$24,000	Install screen separator
Full Circle Dairy	Madison	0.321	2,391	\$330,000	\$247,500	Sand separation with pumps
North Florida Holsteins	Gilchrist	.028	195,248	\$730,000	\$500,000	Install centrifuge and separation equipment
White Oak Dairy	Lafayette	0.041	4,977	\$677,000	\$500,000	Expand lagoon, install sand separation and screen separator
Totals		0.404	231,775	\$2,107,000	\$1,271,500	

MEMORANDUM

TO: Governing Board

FROM: Darrell Smith, Division Director

DATE: February 28, 2017

RE: Authorization to Enter into Contracts for the Construction of the Edwards Bottomlands Wetland Mitigation Project

RECOMMENDATION

Staff recommends the Governing Board authorize the Executive Director to enter into contracts for the Construction of the Edwards Bottomlands Wetland Mitigation Project for an amount not to exceed \$1,200,000.

BACKGROUND

In January 2016, the Governing Board approved the Florida Department of Transportation (FDOT) Mitigation Plan which authorized the Suwannee River Water Management District (District) to mitigate for wetland impacts associated with FDOT projects. This project will offset wetland impacts associated with the CR 231 New River Bridge Replacement Project along with other potential future FDOT projects.

The project is located on two parcels owned by the City of Starke (see attached map). One of the properties (Steffen Parcel) was purchased by the District through FDOT funding and deeded to the City of Starke. The other city parcel is located along Alligator Creek. The District has an approved agreement with the City of Starke to conduct this project on both of these parcels.

The Edwards Bottomlands Wetland Mitigation Project objective is to construct a two stage channel to create additional wetland surfaces adjacent to the Alligator Creek Canal. The existing channelized Creek will be re-patterned to function more like a natural floodplain, with a hydroperiod necessary to support a bottomland swamp community and a meandering open channel.

In February 2017, District staff began seeking contractors for the construction of the Edwards Bottomlands Wetland Mitigation Project in Starke located along Alligator Creek. This project will have three phases associated with it to complete construction.

Phase I involves erosion and sediment control, clearing and grubbing, temporary flow bypass, earthwork, grading and disposal, vegetated reinforced soil slopes (VRSS), initial seeding, large woody debris deployment, site repairs and clean up to be constructed by June 15, 2017 before the hurricane season begins.

Phase II involves vegetative planting and five years of maintenance, monitoring and reporting per Army Corps of Engineers and District permit requirements to be constructed this late fall/winter with a deadline of December 31, 2017.

Phase III involves herbicide treatments of nuisance/exotic vegetation on these parcels which are to be conducted either this summer or next year.

This authorization will provide the Executive Director with the necessary flexibility to use different contractors/vendors for the approved scope of work involving the three phases pertaining to the project construction activities.

Additionally, this flexibility will allow District staff to pursue the most cost and construction efficient approach to completing the project.

The District has received all the necessary funding commitments from FDOT and Florida Fish and Wildlife Commission (FWC) for this project. Funding for this recommendation is included in the Fiscal Year 2017 budget.

PW/rl
Attachment



Legend

- Approximate Utility Easement
- Approximate Project Area
- Off Site Project Area
- Unable to Receive Mitigation Credit - 0.75 ac.±
- Access Easement
- On Site Mitigation
 - Steffen Tract Enhancement - 12.79 ac.±
 - Wetland Enhancement - 17.89 ac.±
 - Canal Restoration - 2.56 ac.±
 - Area A Wetland Enhancement - 1.41 ac.±
 - Wetland Creation - 7.66 ac.±
 - Upland to Remain - 0.51 ac.±
- Off Site
 - Canal Restoration - 0.11 ac.±

Esti. HERE Delorme, MapmyIndia, © OpenStreetMap contributors, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNR ESA/ Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Jacksonville, FL 32216
(904) 285-1397
mcl@environmental.com

Edwards Bottomlands Mitigation Map

Project No.: 10041.02
Exhibit No.: 4
Date: 1-23-17
Rev. Date:
By: DF

Source: ArcGIS Online Imagery

X:\GIS Projects\3010\10041_02\Edwards Bottomlands\mxd\Edwards_Bottomland_1-23-17.mxd

NOTE: Depicted boundaries are approximate. This map is intended to be used for illustrative purposes only.

MEMORANDUM

TO: Governing Board
FROM: Noah Valenstein, Executive Director
DATE: March 3, 2017
RE: Springs Protection Awareness Month Proclamation

RECOMMENDATION

Staff recommends the Governing Board proclaim April 2017 as Springs Protection Awareness Month.

BACKGROUND

Similar to the past four years, House Resolution HB 8005 sponsored by Representative Elizabeth Porter and SB 1230 sponsored by Senator Bradley recognize April 2017 as Springs Protection Awareness Month. The intent of these resolutions is to raise public awareness on the importance of springs protection.

The District contains over 300 documented springs, including the highest concentration of freshwater springs in Florida, and the highest concentration of first-magnitude springs in the United States. The District is defined by world-renowned springs, including the highest concentration of springs in Florida and the highest concentration of first-magnitude springs in the United States.

Springs provide habitat for wildlife and plant species, as well as natural, recreational, and economic value. Recreational use of springs supports ecotourism in the region providing opportunities for swimming, fishing, diving, kayaking and canoeing, and wildlife viewing. Recreational use of springs supports ecotourism in the region providing opportunities for swimming, fishing, diving, kayaking and canoeing, and wildlife viewing. The estimated total economic benefits associated with recreational use (due to direct spending, supply chain activity and income re-spending) supported over 1,000 full and part-time jobs and generated \$94 million annually in economic output. Springs in the District are vulnerable to increased nutrient loading and declining flows. The long-term preservation of this international resource is a major priority for the District, and this objective has recently been underscored by the Legislature which designated 14 springs and springs groups within the District as Outstanding Florida Springs.

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

NV/kp/sm
Attachment

Proclamation

Suwannee River Water Management District
Live Oak, Florida

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

WHEREAS, Florida has one of the most productive aquifers in the world, which supports more than 700 natural springs, giving this state the world's highest concentration of springs, and

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

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

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

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

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

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

WHEREAS, Suwannee River Water Management District has the Heartland Springs Initiative with a strategic goal to ensure springs have an adequate flow and good water quality to sustain healthy biological communities, and

WHEREAS, Governor Rick Scott is recommending \$65 million dollars for springs protection and restoration in his 2017-2018 "Fighting for Florida's Future" Recommended Budget.

NOW THEREFORE, the Governing Board of the Suwannee River Water Management District hereby proclaims April 2017 as Springs Protection Awareness Month, and all levels of government are encouraged to support springs protection, restoration, and preservation awareness.

PASSED AND ADOPTED THIS 14th DAY OF MARCH, 2017 A.D.

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

MEMBERS OF THE BOARD:

DON QUINCEY, CHAIR

ALPHONAS ALEXANDER, VICE CHAIR

VIRGINIA H. JOHNS, SECRETARY/TREASURER

KEVIN W. BROWN

GARY JONES

VIRGINIA SANCHEZ

RICHARD SCHWAB

BRADLEY WILLIAMS

CHARLES KEITH

ATTEST:

MEMORANDUM

TO: Governing Board
FROM: Noah Valenstein, Executive Director
DATE: March 3, 2017
RE: Water Conservation Month Proclamation

RECOMMENDATION

Staff recommends the Governing Board proclaim April 2017 as Water Conservation Month.

BACKGROUND

For the past 18 years, the State of Florida has formally recognized April as Water Conservation Month. Many local governments, water management districts, and other entities have demonstrated their support by adopting resolutions or proclamations designating Water Conservation Month in their communities.

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

Therefore, staff recommends the Governing Board proclaim April 2017 as Water Conservation Month.

NV/kp
Attachment

Proclamation

Suwannee River Water Management District Live Oak, Florida

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

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

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

WHEREAS, water conservation is a District strategic priority; and

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

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

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

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

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

NOW THEREFORE, the Governing Board of the Suwannee River Water Management District hereby proclaims April 2017 as Water Conservation Month. Additionally, the District respectfully calls upon each local government, resident, visitor, and business to help protect our precious resource by practicing water conservation measures and becoming more aware of the need to conserve water.

PASSED AND ADOPTED THIS 14TH DAY OF MARCH, 2017 A.D.

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

MEMBERS OF THE BOARD:

**DON QUINCEY, CHAIR
ALPHONAS ALEXANDER, VICE-CHAIR
VIRGINIA H. JOHNS, SECRETARY/TREASURER
KEVIN W. BROWN
GARY JONES
VIRGINIA SANCHEZ
RICHARD SCHWAB
BRADLEY WILLIAMS
HARLES KEITH**

ATTEST:

MEMORANDUM

TO: Governing Board
FROM: Noah Valenstein, Executive Director
DATE: February 27, 2017
RE: District's Weekly Activity Reports

Attached are the weekly District activity reports.

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

NV/rl
Attachments



Weekly Activity Report to Governing Board for Jan. 29 – Feb. 4, 2017

Executive / Management

- Steve Minnis attended the Alachua County and Hamilton County Legislative Delegation Meetings.
- Steve Minnis met with Louie Godin, County Manager, Hamilton County regarding potential partnership opportunities.
- Noah Valenstein and Tom Mirti met with staff from Rayonier for introductory orientation in District offices.

Water Resources

- Darlene Velez attended the Florida Water Resources Monitoring Council meeting in St. Johns County.
- Tom Mirti and Darlene Velez attended the Big Bend Science Symposium in Cedar Key.

Water Supply

- Trey Grubbs and Carlos Herd attended a NFSEG scheduling meeting with SJRWMD staff.
- Amy Brown gave a presentation on surface and ground water interaction at the University of Florida to a graduate level springs class.

Resource Management

- Tim Sagul and Jamie Bell made a presentation to the “Land and Water Resources Engineering” class at the University of Florida’s College of Agriculture and Biological Engineering Department.
- Tim Sagul participated in the Water Use Permitting anti-drift conference call with staff from DEP and the other WMDs.
- Staff from the Resource Management Division participated in the quarterly ERP meeting with staff from FDEP and FDOT.
- Tim Sagul participated as a judge at the North Central Branch of the Florida Engineering Society (FES) MATHCOUNTS competition held in Gainesville.
- Warren Zwanka, Gloria Hancock, and Chrissy Carr participated in a meeting with representatives from NFWMD and SJRWMD regarding water well construction issues and the E-Reg database.
- Chrissy Carr participated in a FDEP sponsored wetland delineation training course.
- Leroy Marshall participated in a conference call with FEMA representatives regarding engineering and mapping components associated with the FEMA Flood Hazard Mapping and Risk Map program.

Agriculture and Environmental Projects

- Jamie Sortevik and Pat Webster met with staffs from the City of Alachua and Alachua County to discuss the Mill Creek Sink Project.
- Justin Garland met with multiple farmers regarding cost-share and permit assistance.
- Pat Webster met with the City of Live Oak and Live Oak Golf/Country Club to discuss the water reuse project.

Communications

- The District participated in recognizing Florida Prescribed Fire Week and kicked off Florida Hiking Trails Month for February through press and social media.

Announcements for the week of February 12 - 18

- The District Governing Board is scheduled to meet at 9 a.m. on February 14, at the District Headquarters followed by a Governing Board Workshop. The Lands Committee is scheduled to meet following the Workshop.



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

Executive / Management

- Al Alexander and Noah Valenstein attended the Madison County Legislative Delegation Meeting.
- Steve Minnis attended the Legislative Interim Committee Week of February 6th in Tallahassee.
- Steve Minnis attended the Jefferson County Legislative Delegation Meeting.

Water Resources

- Tom Mirti met at District headquarters with consultants from Locklear Consulting to discuss the Cow Pond project in Dixie County.
- Tom Mirti met in Madison with the County Manager and Nestle staff and consultants to review potential recharge/flooding projects in and near City of Madison.
- Tom Mirti met with North Florida Land Trust and Conservation Florida staff to discuss areas for potential cooperation.
- Tom Mirti conducted a site visit to Lafayette Forest to review hydrologic restoration project.

Water Supply

- No reporting activity.

Resource Management

- No reporting activity.

Agriculture and Environmental Projects

- Darrell Smith attended the Florida Farm Bureau Winter Advisory Conference.
- Hugh Thomas attended the Gilchrist County Chamber Dinner.
- District staff met with Madison County staff to discuss a potential recharge project.

Communications

- Continued social media promotion of Florida Hiking Trails Month.
- Began planning for District's Challenges Campaign.

Announcements for the week of February 19 – 25.

- No announcements.



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

Executive / Management

- Kevin Brown and Noah Valenstein, with Steve Minnis, Katelyn Potter, and Jamie Bell attending, provided a check presentation to the City of Alachua Commission Meeting for the Mill Creek Sink Water Quality Improvement Project. Also present supporting the project were representatives from Alachua County, City of Alachua, Florida Springs Institute, Audubon Florida, Alachua Conservation Trust, and National Speleological Society Cave Diving Society.
- Steve Minnis attended the Legislative Interim Committee Week of February 13th in Tallahassee.

Water Resources

- Trey Grubbs, Greg Trotter, and Ross Davis met with John Sloat from Water Cube to perform a demonstration project measuring submerged springs in the Santa Fe River. Concentrating on the Ginnie Springs group of Devils Eye and Devils Ear in the Santa Fe River.
- Tom Mirti, Brian Sparks, Ross Davis, Marc Minno, Tara Rodgers, and Darlene Velez met with Aquatics Informatics, a hydrologic software supplier.

Water Supply

- No reporting activity.

Resource Management

- Chrissy Carr attended the North Central Florida Water Well Contractors Association's monthly meeting in Bell.
- Leroy Marshall attended the Withlacoochee Watershed discovery meeting sponsored by FEMA.
- Leroy Marshall participated in the FEMA Risk Map teleconference with representatives from FEMA and the District's consultants.
- Warren Zwanka and Stefani Leavitt participated in the Suwannee Interagency Ag team meeting.

Agriculture and Environmental Projects

- Darrell Smith and Justin Garland attended the UF carrot farmer demonstration meeting at the Suwannee Valley Agriculture Extension Center in Live Oak.
- Darrell Smith met in Tallahassee with FDACS Office of Water Policy to discuss future Suwannee River Partnership activities.
- Hugh Thomas met with Nature Coast Regional Water Authority on Wednesday to discuss Hart and Otter Springs project.
- Hugh Thomas attended the Chiefland City Commission meeting to discuss Chiefland Nutrient Reduction project.

- Hugh Thomas attended Columbia County Commission meeting related to a proposed livestock ordinance.
- Justin Garland met with representatives from Florida Gateway College for a campus tour and to review a contract for a water conservation grant.
- Justin Garland and representatives from FDACS met with Full Circle Dairy for a site visit of an existing project.
- Justin Garland met with Suwannee River Peanut to discuss potential cost-share.
- Patrick Webster reviewed the Edwards Bottomland project site and also conducted pre-bid preparation for the Edwards Bottomlands project in Starke.
- Patrick Webster completed the final inspection of the High Springs Water Main Replacement project in High Springs.

Communications

- No reporting activity.

Announcements for the week of February 26 – March 4.

- No announcements.



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

Executive / Management

- Steve Minnis attended the Legislative Interim Committee Week of February 20th in Tallahassee.

Water Resources

- Tom Mirti, Marc Minno, Tara Rodgers, and Darlene Velez met with Del Botcher and Mark Clark at Watson Dairy to discuss continuous monitoring equipment as a trial for the Convict/ Ravine Project.

Water Supply

- John Good, Robbie McKinney, Dave Christian, Amy Brown, Gregg Trotter, and Louis Mantini attended the peer-review kick-off meeting for the Middle Suwannee River MFLs at the District Office.

Resource Management

- Brian Brooker and Pat Webster met with representatives from Bradford County to discuss ongoing drainage issues.
- Lisa Cheshire and Stefani Leavitt participated in the University of North Florida's Public Service and Nonprofit Career Fair in Jacksonville.
- Leroy Marshall participated in the monthly ERP conference call with staff from FDEP and the other WMDs.

Agriculture and Environmental Projects

- Darrell Smith, Hugh Thomas, and Justin Garland attended the UF-IFAS Precision Agriculture Trade Show in Live Oak.
- Justin Garland participated in on-site visits at Oak Grove Dairy located in Lafayette and Dixie Counties, Shenandoah Dairy located in Suwannee County, and Townsend Brothers located in Suwannee County.
- Hugh Thomas met North Florida Professional Services at the Pot Springs project site to discuss project design.
- Darrell Smith and Hugh Thomas attended the Gilchrist County Cattlemen's Association meeting.
- Patrick Webster held the Edwards Bottomlands Pre-Bid meeting in Bradford County.
- Leslie Ames met with the NRDA Water Quality Workgroup at FDEP in Tallahassee.

Communications

- No reporting activity.

Announcements for the week of March 5 - 11.

- No announcements.