

## MEMORANDUM

TO: Governing Board  
FROM: Justin Garland, Engineer III  
THRU: Steve Minnis, Deputy Executive Director, Business and Community Services  
DATE: September 30, 2019  
RE: Approval to Enter into Contract with Tropic Traditions, Inc. for Cost-Share Funding

## RECOMMENDATION

**Staff recommends the Governing Board authorize the Executive Director to enter into contract with Tropic Traditions, Inc. for an amount not to exceed \$237,171.75 for an Agricultural Alternative Water Supply Project.**

## BACKGROUND

At the April 9, 2019, Governing Board Meeting, the Board approved the District to add agricultural alternative water supply projects to the District's Ag Cost-Share Program. Under this program, agricultural producers can apply to construct projects to utilize alternative water supplies. These projects are eligible for cost-share at a 75% rate up to a maximum of \$300,000 per producer.

District Staff, in partnership with the Florida Department of Agriculture and Consumer Services (FDACS), have been in discussions with Tropic Traditions, Inc. in Alachua County about implementing an alternative water supply project. Tropic Traditions, Inc. is a nursery west of the Town of Newberry. The nursery is located in the Lower Santa Fe River Basin which is deemed to be in recovery by the Minimum Flow and Minimum Water Levels set on the river.

Tropic Traditions, Inc. proposes to install a lined stormwater pond on their property to capture rain water and reuse the rainwater for irrigation. The topography of the land where the pond will be sited does lend itself to be conducive for this type of rainwater capture and storage technique. With the help of FDACS, Tropic Traditions, Inc. hired a consulting engineer and analyzed the hydrological and geotechnical conditions of the site to establish the feasibility of this project, size the pond, and provide site planning.

According to the engineering report submitted by Tropic Traditions, Inc., to complete this project the nursery will need to perform earthwork and grading, install a geotextile liner, stabilize slope, construct a retaining wall, and install an irrigation pump, filtration, and distribution system. The nursery's consulting engineers estimated during an average year this project can offset 95% of the nursery's groundwater use or 24,000 gallons per day.

The total project cost is estimated to be \$316,229. The District will contribute \$237,171.75 or 75% of the project's cost. The applicants' portion of this project will be \$79,057.25 or 25% of the project's cost. The cost per 1,000 gallons of groundwater conserved for this project is \$1.80 over the estimated 20-year life span of the project.

Exhibit A is a cost breakdown of this project. Funding for this project is included in the Fiscal Year 2020 budget under account code 51-2586-7-2400-06-07.

**Exhibit A**

<b>Item</b>	<b>Cost</b>	<b>District's Cost</b>	<b>Producer's Cost</b>
Earthwork - Excavation	\$69,690.00	\$52,267.50	\$17,422.50
Over-Excavation/Backfill	\$65,197.00	\$48,897.75	\$16,299.25
Pond Grading	\$63,677.00	\$47,757.75	\$15,919.25
Geotextile Liner	\$21,375.00	\$16,031.25	\$5,343.75
Sod Stabilization	\$11,290.00	\$8,467.50	\$2,822.50
Retaining Wall	\$50,000.00	\$37,500.00	\$12,500.00
Irrigation Pump, Filtration, & Distribution System	\$30,000.00	\$22,500.00	\$7,500.00
Contingency	\$5,000.00	\$3,750.00	\$1,250.00
<b>Totals:</b>	<b>\$316,229.00</b>	<b>\$237,171.75</b>	<b>\$79,057.25</b>

JG/tm

## MEMORANDUM

TO: Governing Board  
FROM: Ben Glass, Community Affairs Manager  
THRU: Steve Minnis, Deputy Executive Director, Business and Community Services  
DATE: September 30, 2019  
RE: Approval to Negotiate and Enter into Sustainable Suwannee Program Agreements

## RECOMMENDATION

**Staff recommends the Governing Board approve the Executive Director to negotiate and enter into individual contracts with nine agricultural producers to implement low input rotations.**

## BACKGROUND

At the September 13, 2016, Governing Board Meeting, the Board approved the District to enter into a contract with the Florida Department of Environmental Protection (FDEP) to receive \$5,000,000 in springs funding for the Sustainable Suwannee Program. Under this program, agriculture producers were invited to submit proposals to implement lower input rotations in their operations that will cost effectively reduce nutrients (nitrogen) in groundwater that contributes to spring flow. Lower input rotations include converting to silviculture, Bahia grass, or a sod-based rotation using Bahia grass. The program scope includes providing priority and initial consideration for projects within Convict, Ichetucknee, and Fanning springsheds before expanding out to the other areas throughout the District.

At the March 30, 2018, Governing Board Meeting, the Board approved the Executive Director to enter into contracts with two producers to implement lower input rotations on their operations. Both producers are now under contract to implement and maintain a sod-based rotation with cattle on 200 acres and cut Bahia grass for hay to sustain their cattle through the winter months. These producers are monitored on an annual basis by District Staff for contract compliance and are required to maintain enrollment in Best Management Practices verified by Florida Department of Agriculture Staff or Suwannee River Partnership Technicians.

Since September 2016, the District has received 25 applications for this program, of which 15 met the eligibility requirements. These requirements include, but are not limited to, actively producing agricultural producers or commodities on property controlled by the applicant, the length of the agreement must be at a minimum 5 years, a minimum of 40 acres enrolled in the program, and maximum of 200 acres enrolled in the program. Based on the evaluation criteria, nine applicants are being recommended for funding consideration. These nine producers were evaluated using the Sustainable Suwannee Evaluation Tool presented to the Board in a workshop on July 9, 2019. This tool gives each producer a 1-5 score based on their location, 1 being the most desirable locations, 5 being the least. That location score is then multiplied by

the cost/benefit ratio as calculated by the Land Conversion Analysis Spreadsheet to yield the ranking score. The ranking score can range from 0.1 to 50 with a lower score more favorable than a higher score. These nine projects ranked higher than the other qualified applications. It is estimated that 535,050 pounds of nitrogen loading to the groundwater will be reduced as well as 1.1159 million gallons of water conserved across 1,695 acres at an estimated average cost of \$6.18 per pound of N over 10 years or \$0.81 per thousand gallons of groundwater conserved over 10 years.

The total maximum cost of the nine projects for a 10-year agreement shall not exceed \$3,305,250.00. The FDEP Springs Funding will contribute 100% of the project costs. Exhibit A shows the project cost and environmental benefit breakdown.

Wayne Moseley is converting 200 acres of his row crop operation located in the Ichetucknee Springshed to Bahia grass pasture. It is estimated that 122,000 pounds of nitrogen loading to the groundwater will be reduced across 200 acres at a maximum estimated cost of \$3.90/pound of N loading over 10 years. His total contract amount shall not exceed \$390,000, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored a 3.9 in the Sustainable Suwannee Evaluation Tool and is in the Ichetucknee Springs Priority Focus Area (PFA) and Santa Fe River Basin Management Action Plan (BMAP).

Michael Wilkerson is converting 125 acres of his row crop operation in the Fanning Springshed to Bahia grass pasture. It is estimated that 41,250 pounds of nitrogen loading to the groundwater will be reduced across 125 acres at a maximum estimated cost of \$8.86/pound of N loading over 10 years. His total contract amount shall not exceed \$243,750, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored an 8.9 in the Sustainable Suwannee Evaluation Tool and is in the Fanning PFA and Suwannee River BMAP.

Jason Dicks and the Kenneth Dicks Farm is converting 180 acres of row crop operation in the Ichetucknee Springshed to Bahia grass pasture. It is estimated that 59,400 pounds of nitrogen loading to the groundwater will be reduced across 180 acres at a maximum estimated cost of \$8.86/pound of N loading over 10 years. His total contract amount shall not exceed \$351,000, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored an 8.9 in the Sustainable Suwannee Evaluation Tool and is in the Ichetucknee Springs PFA and Santa Fe River BMAP.

Claude Starling is proposing to convert 200 acres of his row crop operation located in the Middle Suwannee Springs PFA to Bahia grass pasture. It is estimated that 51,000 pounds of nitrogen loading to the groundwater will be reduced across 200 acres at a maximum estimated cost of \$7.65/pound of N loading over 10 years. His total contract amount shall not exceed \$390,000, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored a 15.3 in the Sustainable Suwannee Evaluation Tool and is in the Middle Suwannee PFA and Suwannee River BMAP.

Cliff Townsend is proposing to convert 200 acres of his row crop operation located in the Suwannee BMAP to Bahia grass pasture. It is estimated that 69,400 pounds of nitrogen loading to the groundwater will be reduced across 200 acres at a maximum estimated cost of \$5.62/pound of N loading over 10 years. His total contract amount shall not exceed \$390,000,

\$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored a 15.3 in the Sustainable Suwannee Evaluation Tool and is in Suwannee River BMAP.

Donnell Gwinn is proposing to convert 200 acres of his row crop operation located in the Middle Suwannee PFA to Bahia grass pasture. It is estimated that 44,000 pounds of nitrogen loading to the groundwater will be reduced across 200 acres at a maximum estimated cost of \$8.86/pound of N loading over 10 years. His total contract amount shall not exceed \$390,000, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored a 17.72 in the Sustainable Suwannee Evaluation Tool and is in the Middle Suwannee PFA and Suwannee River BMAP.

Mitch Holtzclaw is proposing to convert 200 acres of his row crop operation located in the Middle Suwannee PFA to Bahia grass pasture. It is estimated that 44,000 pounds of nitrogen loading to the groundwater will be reduced across 200 acres at a maximum estimated cost of \$8.86/pound of N loading over 10 years. His total contract amount shall not exceed \$390,000, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored a 17.72 in the Sustainable Suwannee Evaluation Tool and is in the Middle Suwannee PFA and Suwannee River BMAP.

Sammy Starling is proposing to convert 200 acres of his row crop operation located in the Middle Suwannee PFA to Bahia grass pasture. It is estimated that 44,000 pounds of nitrogen loading to the groundwater will be reduced across 200 acres at a maximum estimated cost of \$8.86/pound of N loading over 10 years. His total contract amount shall not exceed \$390,000, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored a 17.72 in the Sustainable Suwannee Evaluation Tool and is in the Middle Suwannee PFA and Suwannee River BMAP.

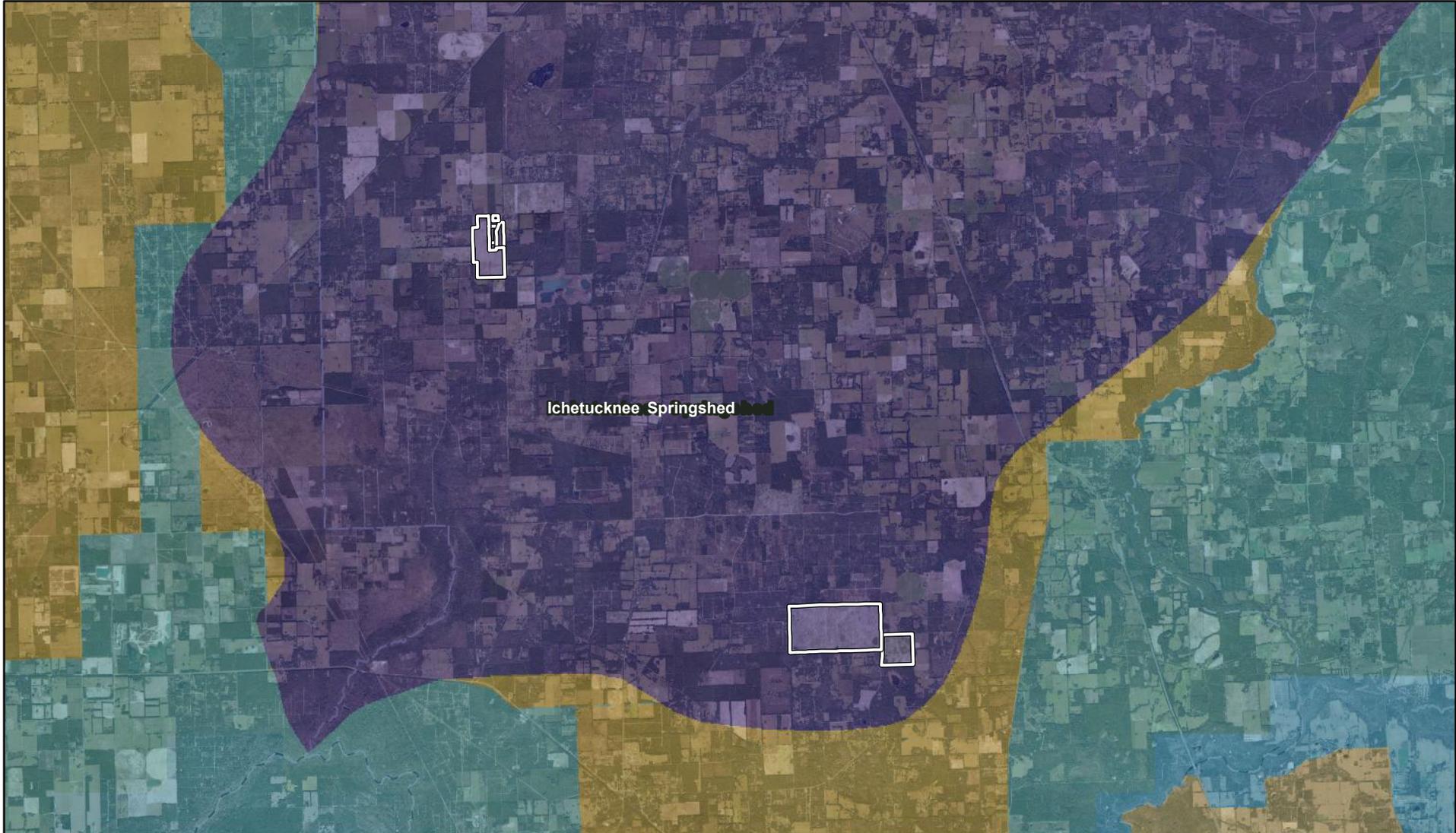
Dewane Knighton is proposing to convert 190 acres of his row crop operation located in the Suwannee and Santa Fe BMAPS to Bahia grass pasture. It is estimated that 60,000 pounds of nitrogen loading to the groundwater will be reduced across 200 acres at a maximum estimated cost of \$6.50/pound of N loading over 10 years. His total contract amount shall not exceed \$370,500, \$1,950/acre, and \$10/pound of N loading reduced over a 10-year period of the contract. This project scored a 26.58 in the Sustainable Suwannee Evaluation Tool and is in the Suwannee and Santa Fe River BMAPs.

Funding for this program is included in the Fiscal Year 2019-2020 budget under account code 06-2586-7-2400-06-03.

**Exhibit A**

Applicant	Springs Grant Amount - 10 Year Term	Acres	Pounds of Nitrogen Loading to Groundwater Reduced over Life of Contract	Average Annual Water Conservation (mgd)	Applicant's Location in a Priority Focus Area or Basin Management Action Plan
Wayne Mosely	\$390,000.00	200	122,000	0.11560	Ichetucknee PFA & Santa Fe BMAP
Michael Wilkerson	\$243,750.00	125	41,250	0.06490	Fanning PFA & Suwannee
Kenneth Dicks Farm	\$351,000.00	180	59,400	0.11080	Ichetucknee PFA & Santa Fe BMAP
Claude Starling	\$390,000.00	200	51,000	0.13480	Middle Suwannee PFA & Suwannee BMAP
Cliff Townsend	\$390,000.00	200	69,400	0.15980	Suwannee BMAP
Donnell Gwinn	\$390,000.00	200	44,000	0.14930	Middle Suwannee PFA & Suwannee BMAP
Mitch Holtzclaw	\$390,000.00	200	44,000	0.13610	Middle Suwannee PFA & Suwannee BMAP
Sammy Starling	\$390,000.00	200	44,000	0.12590	Middle Suwannee PFA & Suwannee BMAP
Dewane Knighton	\$370,500.00	190	60,000	0.11870	Santa Fe & Suwannee BMAP
<b>Totals:</b>	<b>\$3,305,250.00</b>	<b>1,695</b>	<b>535,050</b>	<b>1.1159</b>	

BG/tm



Ichetucknee Springshed

**Wayne Mosely Farm**  
Columbia County

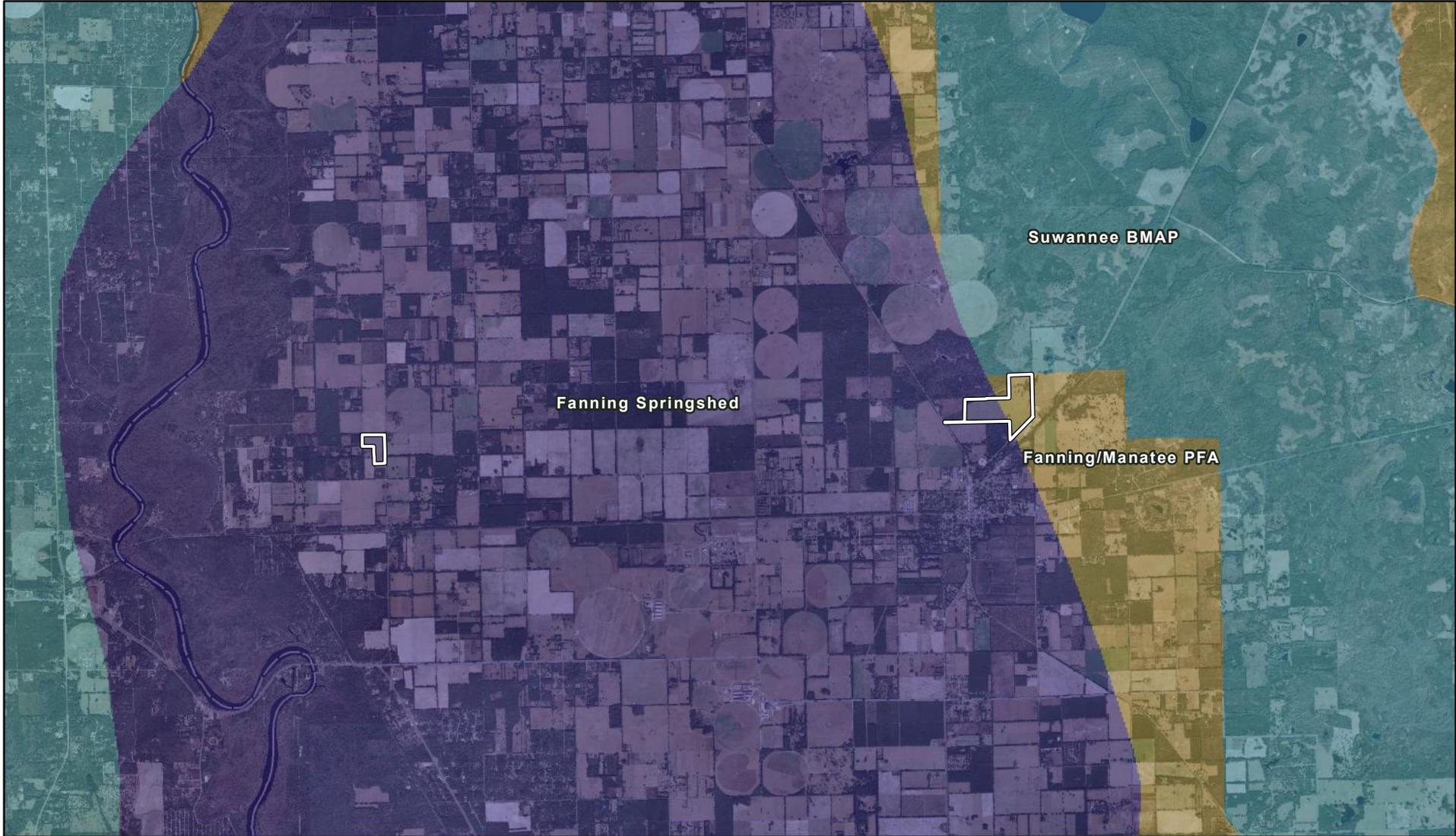
 Farm Boundary

**Sustainable Suwannee Evaluation Tool**

-  1 - Springsheds
-  2 - PFAs
-  3 - BMAPs
-  4 - WSPAs
-  5 - None of the Above



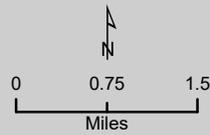
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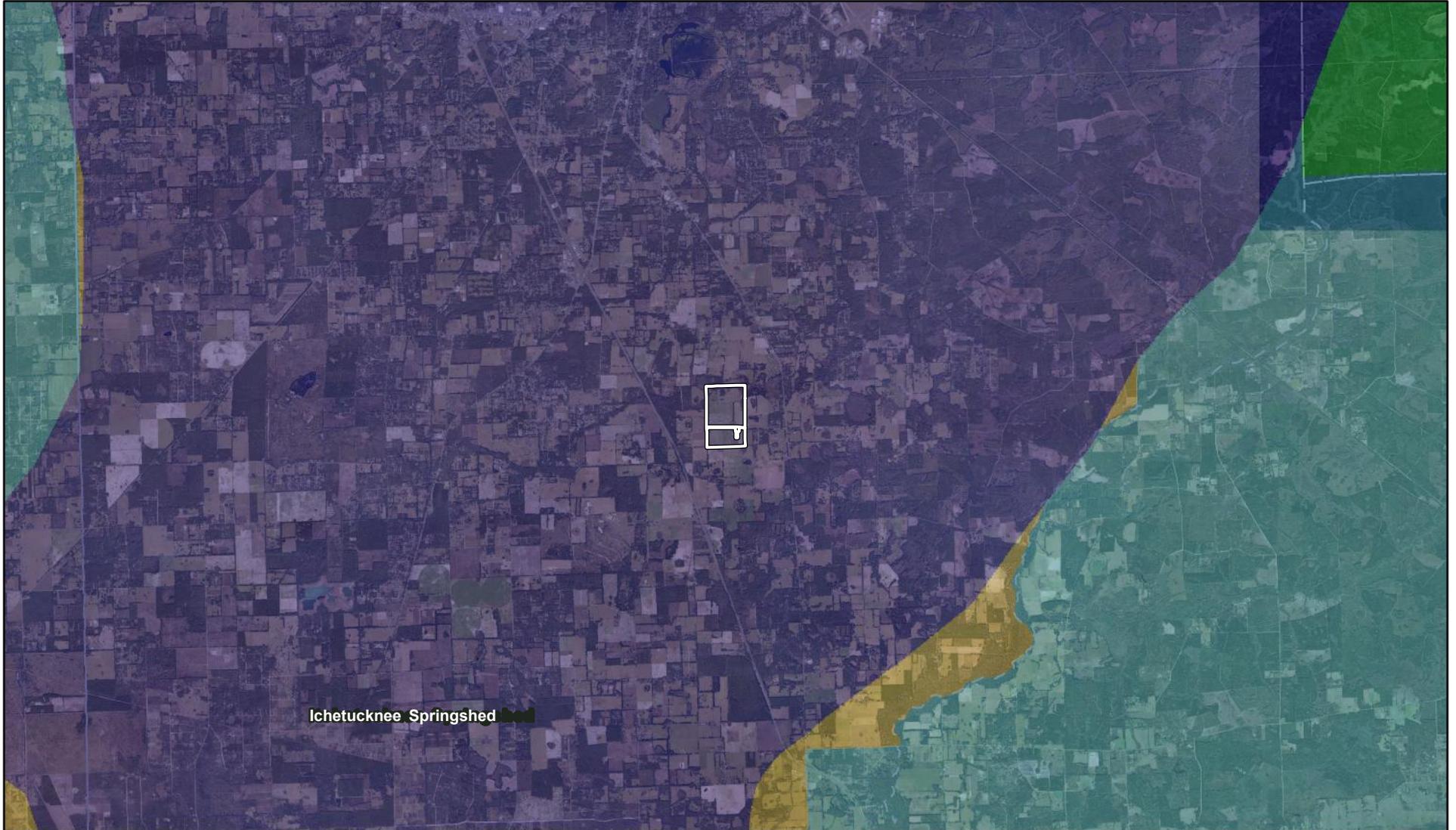
**Michael Wilkerson Farm**  
Gilchrist County

 Farm Boundary  
**Sustainable Suwannee Evaluation Tool**

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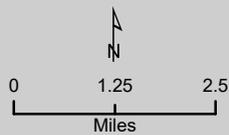
Ichetucknee Springshed

**Kenneth Dicks Farm**  
Columbia County

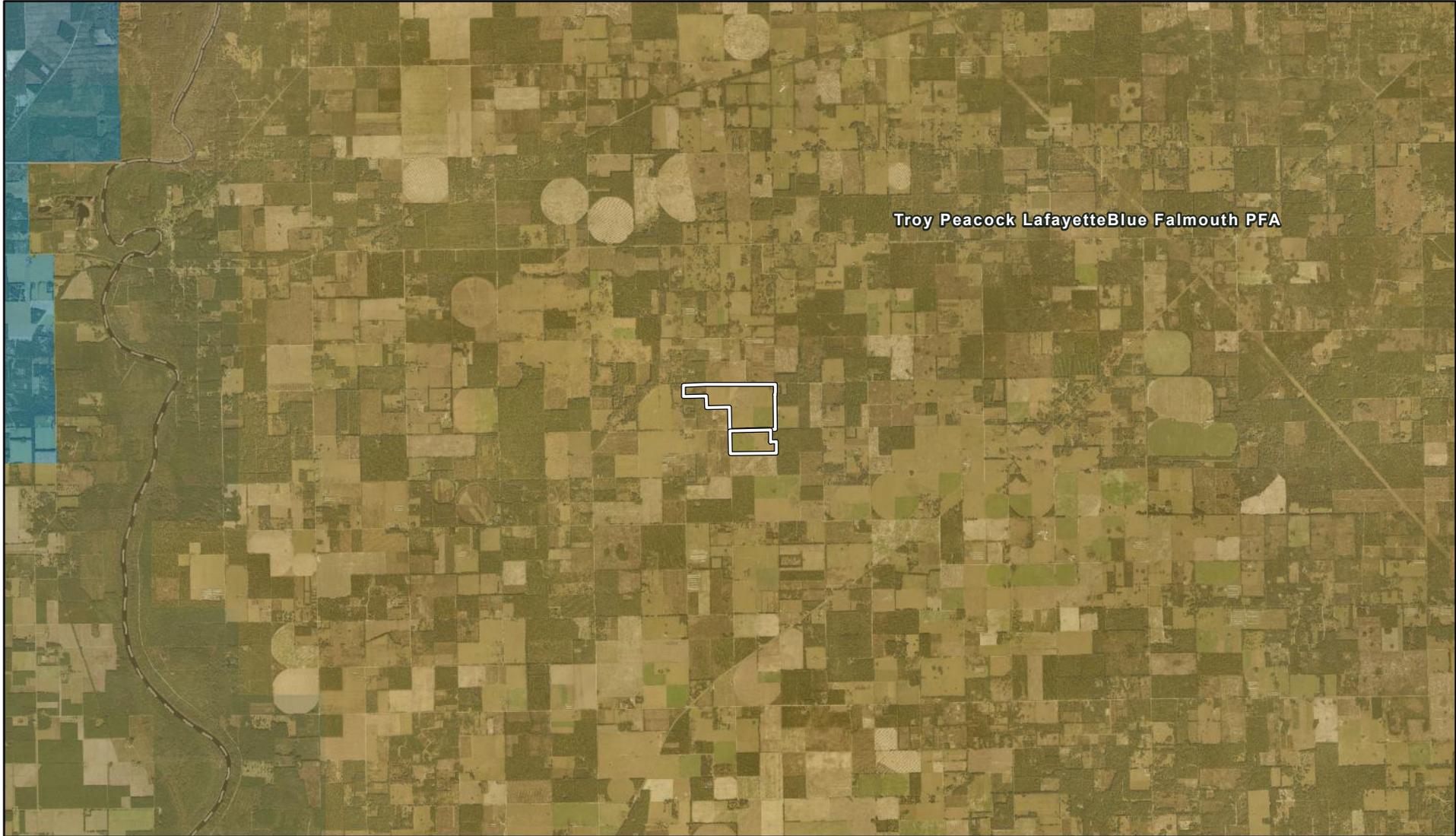
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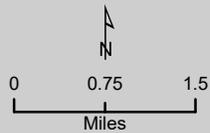
Troy Peacock LafayetteBlue Falmouth PFA

**Claude Starling Farm**  
Suwannee County

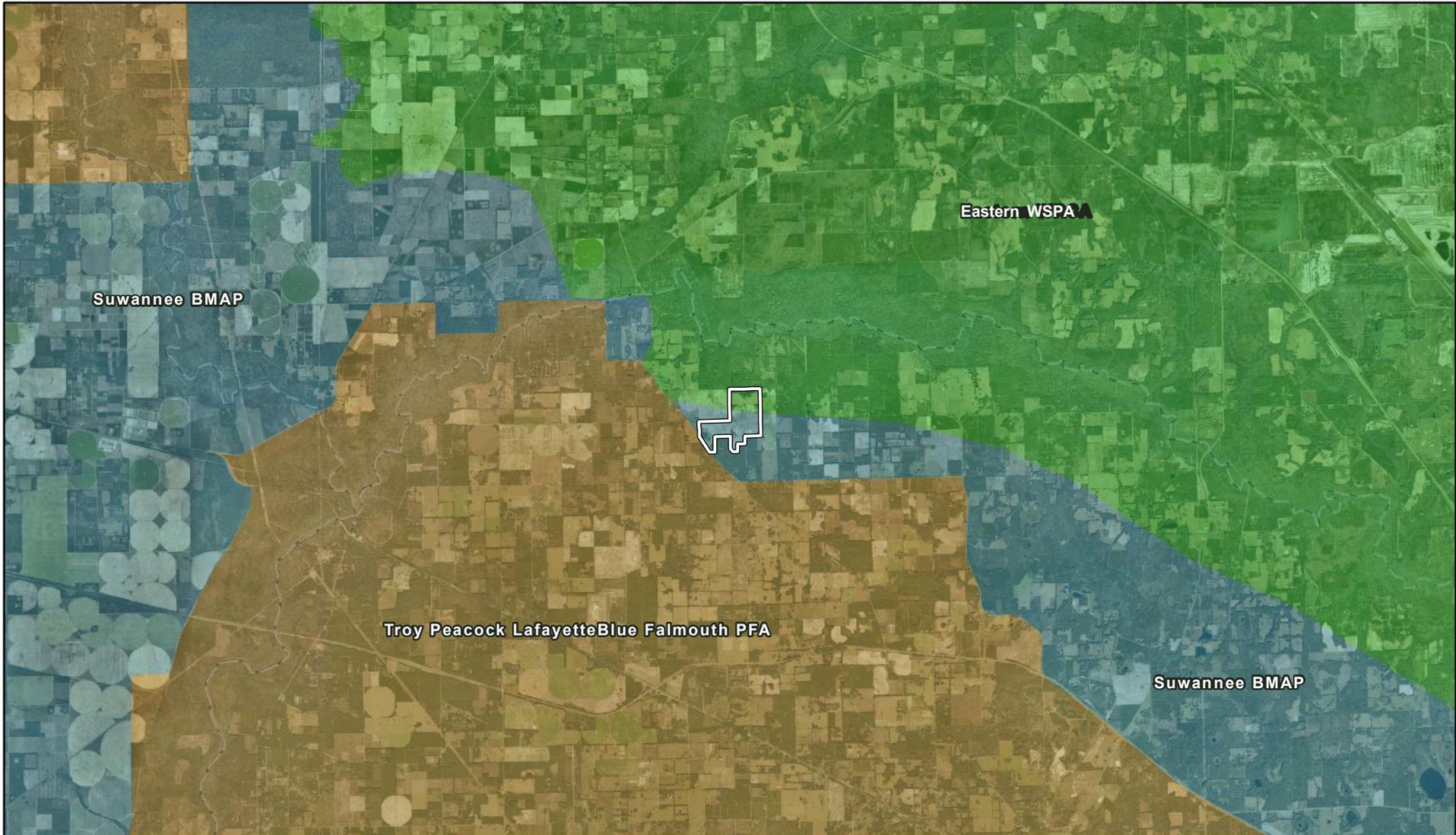
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**Cliff Townsend Farm**  
Suwannee County

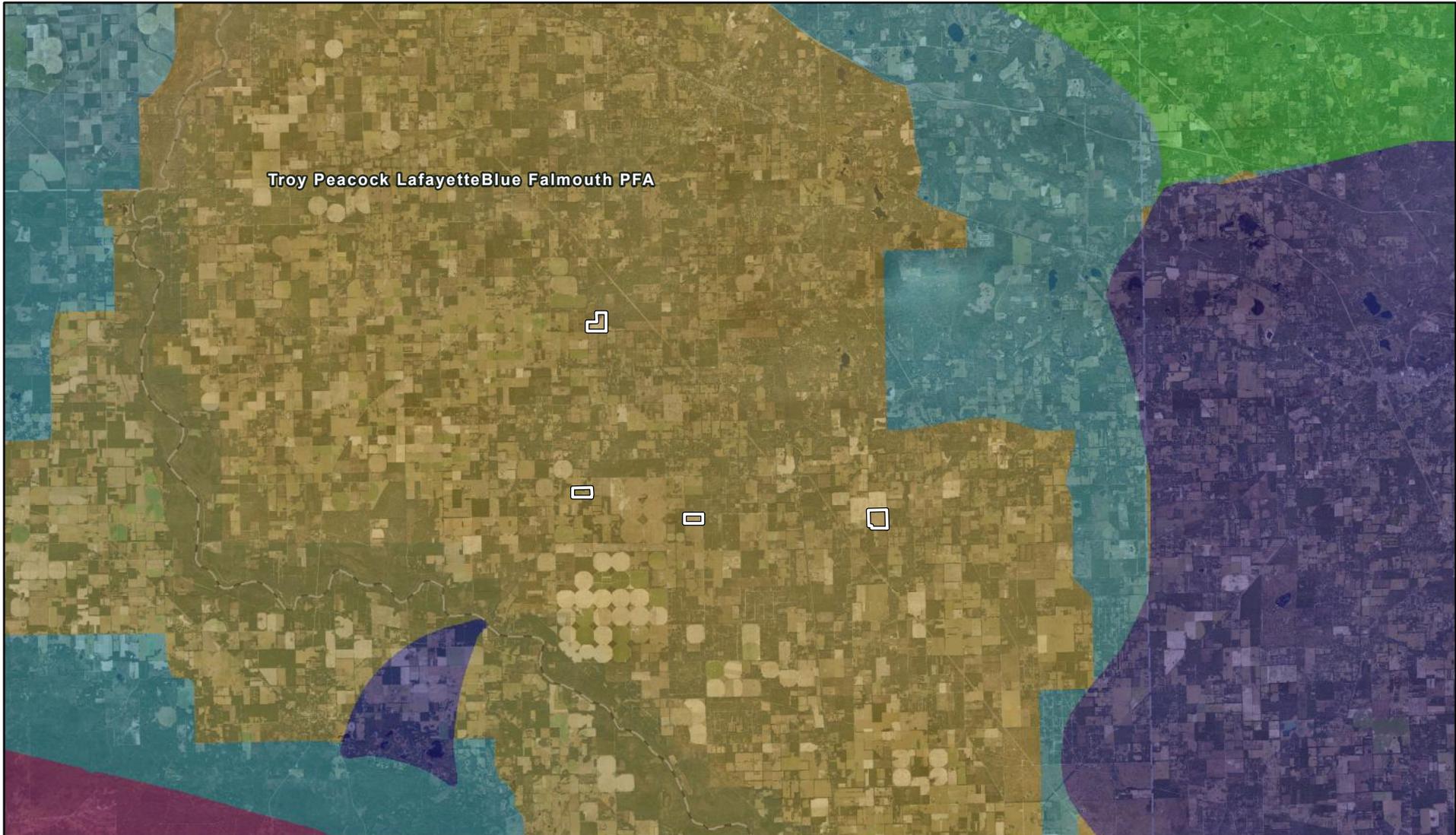


 Farm Boundary  
**Sustainable Suwannee Evaluation Tool**

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Troy Peacock Lafayette Blue Falmouth PFA

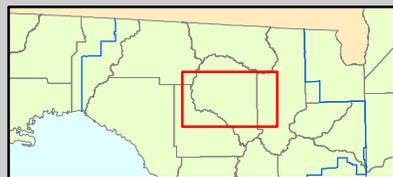
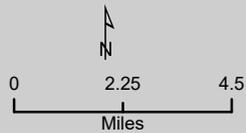


**Donnell Gwinn Farm**  
Suwannee County

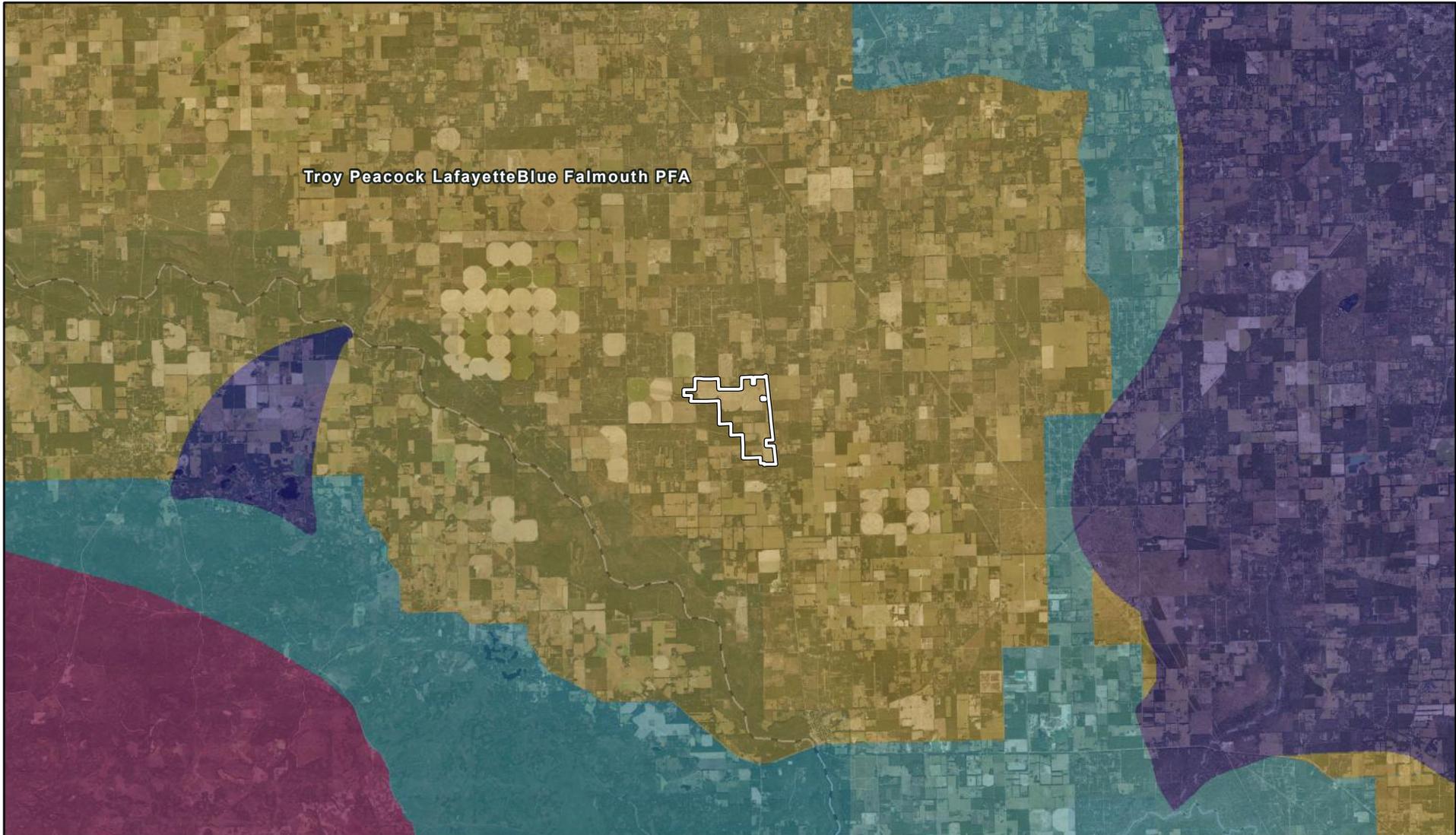
 Farm Boundary

**Sustainable Suwannee Evaluation Tool**

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Map Created on 8/29/2019



Troy Peacock LafayetteBlue Falmouth PFA

**Mitch Holtzclaw Farm**  
Suwannee County

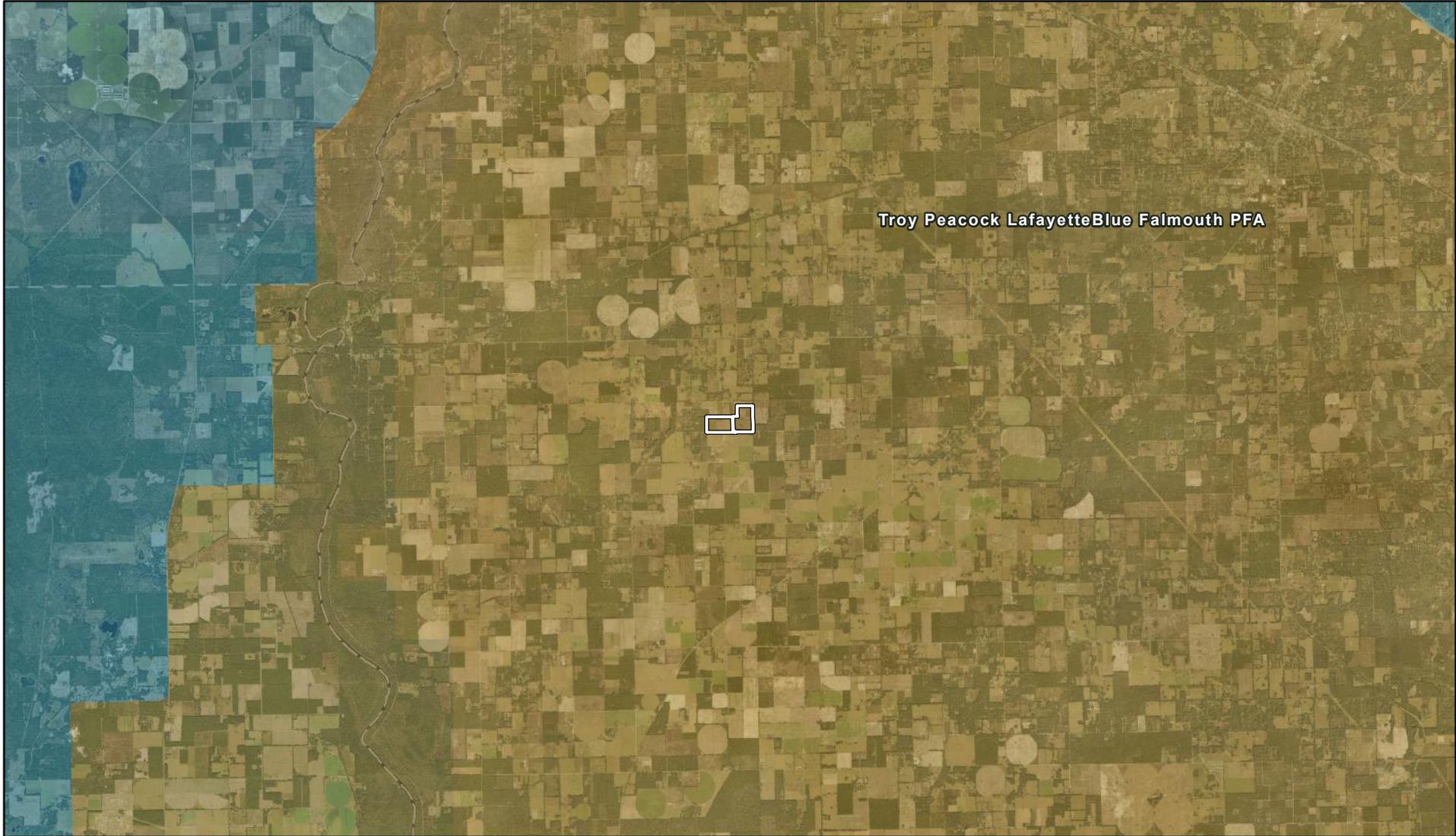
□ Farm Boundary

**Sustainable Suwannee Evaluation Tool**

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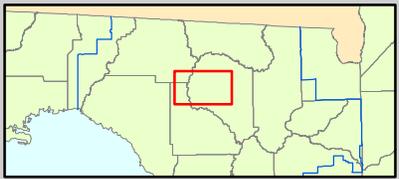


Troy Peacock LafayetteBlue Falmouth PFA

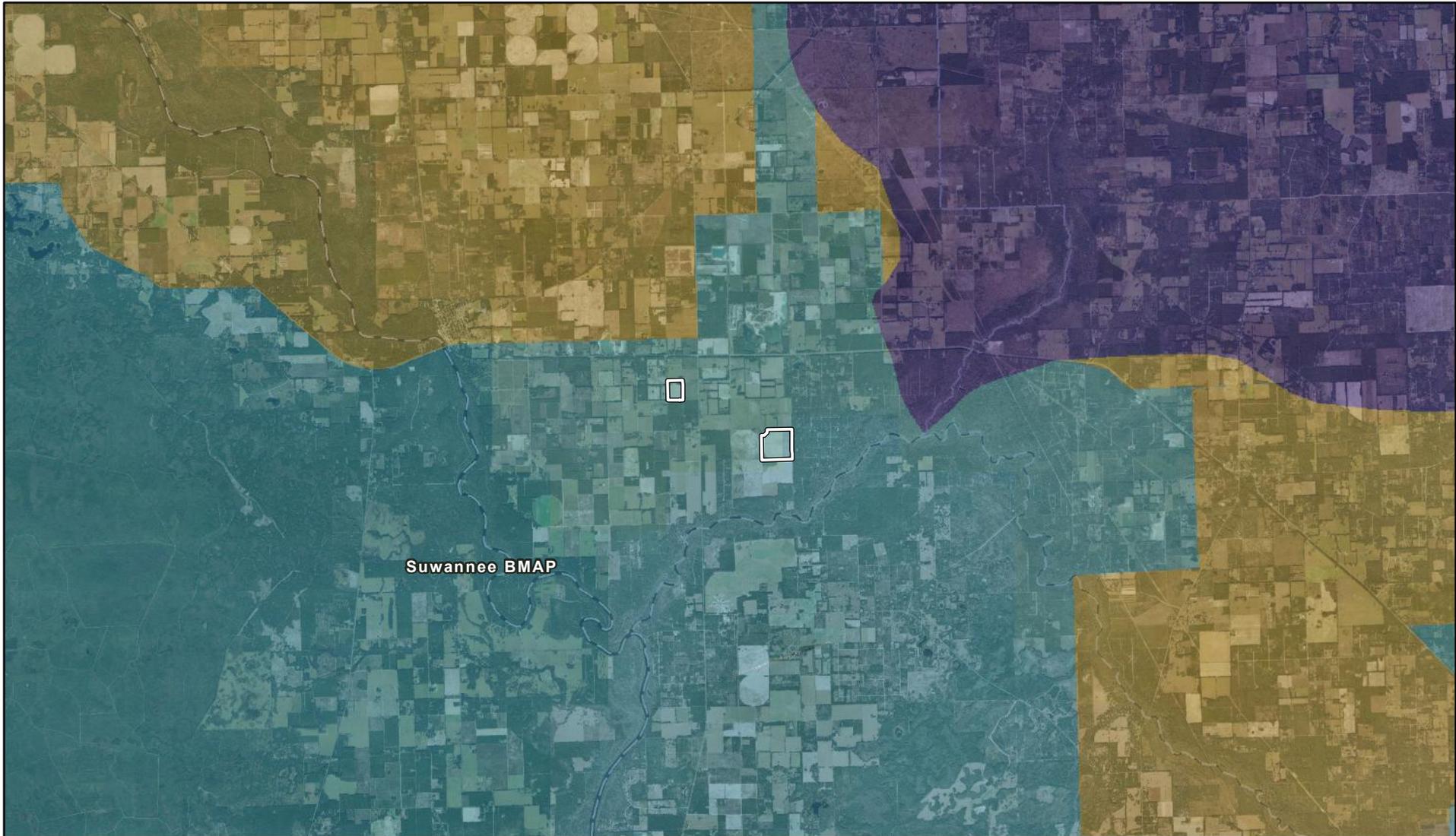


**Sammy Starling Farm**  
Suwannee County

-  Farm Boundary  
**Sustainable Suwannee Evaluation Tool**  
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Suwannee BMAP

**Dewane Knighton Farm**  
Suwannee County

 Farm Boundary

**Sustainable Suwannee Evaluation Tool**

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MEMORANDUM

TO: Governing Board

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

DATE: September 30, 2019

RE: Approval of 2019 Priority List for Establishment of Minimum Flows and Minimum Water Levels

RECOMMENDATION

**Staff recommends the Governing Board approve the Minimum Flows and Minimum Water Levels 2019 Priority List and Schedule to be submitted to the Florida Department of Environmental Protection pursuant to subsection 373.042(3), Florida Statutes.**

BACKGROUND

Pursuant to subsection 373.042(3), Florida Statutes (F.S.), the Suwanee River Water Management District (District) is required to identify priority water bodies for the establishment of Minimum Flows and Minimum Water Levels (MFLs) and those listed water bodies that have the potential to be affected by withdrawals in an adjacent district for which the Florida Department of Environmental Protection's (FDEP) adoption may be appropriate. The priority list and schedule for the establishment of MFLs must be submitted to the FDEP for review and approval by November 15<sup>th</sup> each year. Attached is the proposed 2019 priority list and schedule. A descriptive narrative showing the District's MFLs priorities beginning in calendar year 2020 is also attached.

A key part of MFLs is the assessment of water body status relative to existing water use. This determines the need for recovery from or prevention of impact for each water body. This must be done, initially, at the same time as MFL rule development for a waterbody (subsection 373.0421(2), F.S.). The District and the St. Johns River Water Management District collaborated on the development of the North Florida-Southeast Georgia Regional Groundwater Flow Model (NFSEG). The model will be used to assess the impact of regional withdrawals to date on the resource and to estimate potential impacts for a 20-year planning horizon. Final documentation and approval of the NFSEG model are currently underway.

The delay in finalization of the NFSEG model affected the evaluation of recovery or prevention, and thus the completion of technical efforts, and subsequent rule development on several important systems. However, during 2019, technical progress continued on a number of MFLs, particularly the re-evaluation, per rule, of the Lower Santa Fe and Ichetucknee River systems.

The District is coordinating on the re-evaluation of the Lower Santa Fe and Ichetucknee River systems and continues coordination with FDEP on the planned initial adoption of MFLs on the Upper and Middle Suwannee River systems and associated priority springs.

Lower Santa Fe and Ichetucknee Rivers and Springs MFL Schedule – Update

The Lower Santa Fe and Ichetucknee Rivers and Associated Priority Springs rule were adopted by FDEP in June 2015. The rule specifies that the MFL and the present status of these water bodies shall be re-evaluated by December 31, 2019, using the best available scientific or technical data, methodologies, and models. Staff began work on this MFL re-evaluation in 2018. The status assessment will begin following the publication of the final peer-reviewed NFSEG model.

JG/pf

Attachments

## Suwannee River Water Management District 2019 Priority List and Schedule – Narrative

### Past Year Accomplishments

- Steinhatchee River and Priority Springs rule published August 15, 2019.
- Progress on MFLs currently in development is listed in the following table.

### *MFLs in development:*

<b>Waterbody or System</b>	<b>MFL Development Status</b>
Lower Santa Fe & Ichetucknee Rivers and Associated Priority Springs	Peer Review planned for late 2019
Upper Suwannee River and Associated Priority Springs	Draft MFL Report Complete
Middle Suwannee River and Associated Priority Springs	Peer Review Complete
Alapaha River	Field Work and Modeling Complete
Withlacoochee River and Associated Priority Springs	Field Work and Modeling Complete
Lake Hampton	Peer Review Complete
Lake Butler	Peer Review Complete
Lake Santa Fe	Peer Review Complete
Lake Alto	Peer Review Complete
Cherry Lake	Water Resource Assessment in Process

### Changes to the Priority List from 2018 to 2019

- The expected year of adoption for all new MFLs on the list (and one re-evaluation, Madison Blue Spring) have been previously delayed due to the complexity of modeling the impacts of withdrawals on these natural systems, and to facilitate completion of the Lower Santa Fe & Ichetucknee Rivers and Associated Priority Springs.
- One river gage, the Santa Fe River at US Hwy 441 Near High Springs (USGS 02321975), has been added to the Lower Santa Fe and Ichetucknee system.
- Priority waterbodies with established MFLs that are not scheduled for re-evaluation within the next three years are not listed.
- One spring, Hardee (Rossiter) Spring on the Withlacoochee River was added to the Priority List and schedule. It was acquired for conservation and recreational purposes.
- No waterbodies were removed from the Priority List, however, waterbodies anticipated to have initial MFL development later (i.e., beyond three years) are simply listed with no assigned date.

Suwannee River Water Management District Minimum Flows and Minimum Levels to be adopted in 2019

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD?	Latitude	Longitude	Rulemaking Status
Re-Evaluation	Santa Fe River near Fort White	Lower Santa Fe	River	Gilchrist	Yes	Yes	29.8486	-82.7153	Rule Adopted
New	Santa Fe River at US HWY 441 near High Springs	Lower Santa Fe	River	Alachua	Yes	Yes	29.8525	-82.6086	
Re-Evaluation	Columbia (Col101974)	Lower Santa Fe	Spring (Mag. 2)	Columbia	Yes	Yes	29.8340	-82.6767	Rule Adopted
Re-Evaluation	Columbia Spring (OFS)	Lower Santa Fe	Spring (Mag. 1)	Columbia	Yes	Yes	29.8541	-82.6120	Rule Adopted
Re-Evaluation	Devils Ear Spring (OFS)	Lower Santa Fe	Spring (Mag. 1)	Gilchrist	Yes	Yes	29.8353	-82.6966	Rule Adopted
Re-Evaluation	Hornsby Spring (OFS)	Lower Santa Fe	Spring (Mag. 1)	Alachua	Yes	Yes	29.8504	-82.5932	Rule Adopted
Re-Evaluation	July Spring	Lower Santa Fe	Spring (Mag. 1)	Columbia	Yes	Yes	29.8362	-82.6964	Rule Adopted
Re-Evaluation	Poe Spring (OFS)	Lower Santa Fe	Spring (Mag. 2)	Alachua	Yes	Yes	29.8257	-82.6490	Rule Adopted
Re-Evaluation	Rum Island Spring	Lower Santa Fe	Spring (Mag. 2)	Columbia	Yes	Yes	29.8335	-82.6798	Rule Adopted
Re-Evaluation	Santa Fe River Rise	Lower Santa Fe	Spring (Mag. 1)	Alachua	Yes	Yes	29.8739	-82.5916	Rule Adopted
Re-Evaluation	Siphon Creek Rise	Lower Santa Fe	Spring (Mag. 1)	Gilchrist	Yes	Yes	29.8562	-82.7331	Rule Adopted
Re-Evaluation	Treehouse Spring (OFS)	Lower Santa Fe	Spring (Mag. 1)	Alachua	Yes	Yes	29.8549	-82.6029	Rule Adopted
New	Gilchrist Blue Spring	Lower Santa Fe	Spring (Mag. 2)	Gilchrist	Yes	Yes	29.8299	-82.6829	
Re-Evaluation	Ichetucknee River at Hwy27 near Hildreth	Ichetucknee	River	Columbia	Yes	Yes	29.9525	-82.7861	Rule Adopted
Re-Evaluation	Blue Hole Spring	Ichetucknee	Spring (Mag. 1)	Columbia	Yes	Yes	29.9805	-82.7584	Rule Adopted
Re-Evaluation	Devils Eye Spring	Ichetucknee	Spring (Mag. 2)	Gilchrist	Yes	Yes	29.8352	-82.6966	Rule Adopted
Re-Evaluation	Grassy Hole Spring	Ichetucknee	Spring (Mag. 3)	Columbia	Yes	Yes	29.9678	-82.7597	Rule Adopted
Re-Evaluation	Mill Pond Springs	Ichetucknee	Spring (Mag. 2)	Columbia	Yes	Yes	29.9667	-82.7600	Rule Adopted
Re-Evaluation	Mission Springs	Ichetucknee	Spring (Mag. 2)	Columbia	Yes	Yes	29.9762	-82.7579	Rule Adopted
Re-Evaluation	Ichetucknee Head Spring (OFS)	Ichetucknee	Spring (Mag. 1)	Suwannee	Yes	Yes	29.9842	-82.7619	Rule Adopted

Suwannee River Water Management District Minimum Flows and Minimum Levels to be adopted in 2020

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD?	Latitude	Longitude	Rulemaking Status
New	Suwannee River at White Springs	Upper Suwannee	River	Columbia	Yes	Yes	30.3256	-82.7383	
New	Suwannee River at Suwannee Springs	Upper Suwannee	River	Suwannee	Yes	Yes	30.3928	-82.9333	
New	Alapaha River Rise	Upper Suwannee	Spring (Mag. 1)	Hamilton	Yes	Yes	30.4376	-83.0899	

Suwannee River Water Management District Minimum Flows and Minimum Levels to be adopted in 2020 (continued)

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD?	Latitude	Longitude	Rulemaking Status
New	Blue Spring	Upper Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	30.4223	-83.0138	
New	Holton Creek Rise	Upper Suwannee	Spring (Mag. 1)	Hamilton	Yes	Yes	30.4379	-83.0576	
New	Stevenson Spring	Upper Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	30.4171	-83.1530	
New	White Springs	Upper Suwannee	Spring (Mag. 2)	Hamilton	Yes	Yes	30.3300	-82.7608	
New	Suwannee Springs	Upper Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	30.3945	-82.9345	
New	Suwannee River at Ellaville	Middle Suwannee	River	Suwannee	Yes	Yes	30.3844	-82.8281	
New	Suwannee River at Branford	Middle Suwannee	River	Suwannee	Yes	Yes	29.9556	-82.9278	
New	Allen Mill Pond Springs	Middle Suwannee	Spring (Mag. 2)	Lafayette	Yes	Yes	30.1628	-83.2431	
New	Anderson Spring	Middle Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	30.3534	-83.1897	
New	Bell Spring	Middle Suwannee	Spring (Mag. 3)	Gilchrist	Yes	Yes	29.5974	-82.9412	
New	Bonnet Spring	Middle Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	30.1243	-83.1382	
New	Branford Spring	Middle Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	29.9549	-82.9284	
New	Charles Spring	Middle Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	30.1674	-83.2304	
New	Guaranto Spring	Middle Suwannee	Spring (Mag. 2)	Dixie	Yes	Yes	29.7798	-82.9400	
New	Hart Springs	Middle Suwannee	Spring (Mag. 2)	Gilchrist	Yes	Yes	29.6750	-82.9512	
New	Lime Sink Rise	Middle Suwannee	Spring (Mag. 1)	Suwannee	Yes	Yes	30.3878	-83.1611	
New	Little River Spring	Middle Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	29.9969	-82.9663	
New	Otter Spring	Middle Suwannee	Spring (Mag. 2)	Gilchrist	Yes	Yes	29.6448	-82.9428	
New	Pothole Spring	Middle Suwannee	Spring (Mag. 2)	Dixie	Yes	Yes	29.8107	-82.9359	
New	Rock Bluff Springs	Middle Suwannee	Spring (Mag. 2)	Gilchrist	Yes	Yes	29.7991	-82.9186	
New	Rock Sink Spring	Middle Suwannee	Spring (Mag. 2)	Dixie	Yes	Yes	29.7279	-82.9493	
New	Royal Spring	Middle Suwannee	Spring (Mag. 3)	Suwannee	Yes	Yes	30.0837	-83.0748	
New	Ruth Spring	Middle Suwannee	Spring (Mag. 2)	Lafayette	Yes	Yes	29.9958	-82.9768	
New	Suwanacoochee Spring	Middle Suwannee	Spring (Mag. 2)	Madison	Yes	Yes	30.3867	-83.1718	
New	Turtle Spring	Middle Suwannee	Spring (Mag. 2)	Lafayette	Yes	Yes	29.8474	-82.8903	
New*	Falmouth Spring (OFS)	Middle Suwannee	Spring (Mag. 1)	Suwannee	Yes	Yes	30.3612	-83.1350	Emergency rule*
New*	Lafayette Blue Spring (OFS)	Middle Suwannee	Spring (Mag. 1)	Lafayette	Yes	Yes	30.1258	-83.2261	Emergency rule*
New*	Peacock Springs Group (OFS)	Middle Suwannee	Spring (Mag. 2)	Suwannee	Yes	Yes	30.1232	-83.1332	Emergency rule*
New*	Troy Spring (OFS)	Middle Suwannee	Spring (Mag. 1)	Lafayette	Yes	Yes	30.0060	-82.9975	Emergency rule*

Suwannee River Water Management District Minimum Flows and Minimum Levels 2020 (continued)									
New or Re-Evaluation	Waterbody Name or Compliance Point	System Name	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD?	Latitude	Longitude	Rulemaking Status
New	Lake Alto	Lake Alto	Lake	Alachua	Yes	Under evaluation	29.7886	-81.8386	
New	Lake Butler	Lake Butler	Lake	Union	Yes	Under evaluation	30.0272	-81.6617	
New	Lake Hampton	Lake Hampton	Lake	Bradford	Yes	Under evaluation	29.8644	-81.8386	
New	Lake Santa Fe	Lake Santa Fe	Lake	Alachua	Yes	Under evaluation	29.7450	-81.9014	

\* Emergency MFL rule 40BER 17-01 effective July 1, 2017.

#### Suwannee River Water Management District Minimum Flows and Minimum Levels to be adopted in 2021

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD?	Latitude	Longitude	Rulemaking Status
New	Alapaha River near Jennings	Alapaha	River	Hamilton	Yes	Under evaluation	30.5981	-82.9267	
New	Cherry Lake	Cherry Lake	Lake	Madison	Yes	Under evaluation	30.6183	-82.5778	
New	Withlacoochee River near Pinetta	Withlacoochee	River	Madison	Yes	Under evaluation	30.5953	-82.7403	
Re-Evaluation	Madison Blue Spring (OFS)	Withlacoochee	Spring (Mag. 1)	Madison	Yes	Under evaluation	30.4804	-83.2444	Rule Adopted
New	Pot Spring	Withlacoochee	Spring (Mag. 2)	Hamilton	Yes	Under evaluation	30.4708	-83.2344	
New	Hardee (Rosseter) Spring	Withlacoochee	Spring (Mag. 2)	Hamilton	Yes	Under evaluation	30.5447	-83.2501	

#### Suwannee River Water Management District Minimum Flows and Minimum Levels to be adopted in 2022

New or Re-Evaluation	Waterbody Name or Compliance Point	System Name	Waterbody Type	County(s)	Voluntary Peer Review to be Completed?	Cross-Boundary Impacts from Adjacent WMD?	Latitude	Longitude	Rulemaking Status
New	Lake Palestine	Lake Palestine	Lake	Union	Yes	Under evaluation	30.1294	-81.5906	
New	Ocean Pond	Ocean Pond	Lake	Baker	Yes	Under evaluation	30.2153	-81.5581	
New	Lake Crosby	Lake Crosby	Lake	Bradford	Yes	Under evaluation	29.9497	-81.8475	
New	Lake Rowell	Lake Rowell	Lake	Bradford	Yes	Under evaluation	29.9211	-81.8331	
New	Lake Sampson	Lake Sampson	Lake	Bradford	Yes	Under evaluation	29.9297	-81.8275	