

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

**OPEN TO THE PUBLIC**

April 25, 2013  
3:00 p.m.

District Headquarters  
Live Oak, Florida

1. Call to Order
2. Roll Call

**DIVISION OF RESOURCE MANAGEMENT**

**Agriculture Team: Kevin Wright, Professional Engineer**

3. Authorization to Execute Contract 12/13-157 with the Florida Department of Agriculture and Consumer Services
4. Adjournment

**This meeting will be held at District Headquarters and Governing Board members may teleconference in. The public must be present at District Headquarters to participate. The public should check the District's website or contact the District to confirm that the meeting has not been cancelled or rescheduled.**

The entire meeting of the Governing Board is a public hearing and will be governed accordingly. The Governing Board may take action on any item listed on the agenda at any time during the meeting. The Governing Board may make changes to the printed agenda only for good cause shown as determined by the Chairman and stated for the record. 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. Public attendance and participation at the District Governing Board Meetings are encouraged.

## MEMORANDUM

TO: Governing Board  
FROM: Kevin Wright, Professional Engineer  
DATE: April 22, 2013  
RE: Authorization to Execute Contract 12/13-157 with the Florida Department of Agriculture and Consumer Services for the Purchase of Water Use Monitoring Equipment and for Implementation of Two Nutrient Reduction Projects

### RECOMMENDATION

**Staff recommends the Governing Board authorize the Executive Director to execute contract 12/13-157 with the Florida Department of Agriculture and Consumer Services (DACS) for the purchase of water use monitoring equipment and for implementation of two nutrient reduction projects.**

### BACKGROUND

DACS has awarded \$50,000 to the District for the purchase of equipment to assist agricultural users with water use monitoring. Staff will use the funds to purchase monitoring equipment for farms that cannot provide data through the "electric meter" option. Staff estimates that funds will allow for the purchase of 45 monitoring units.

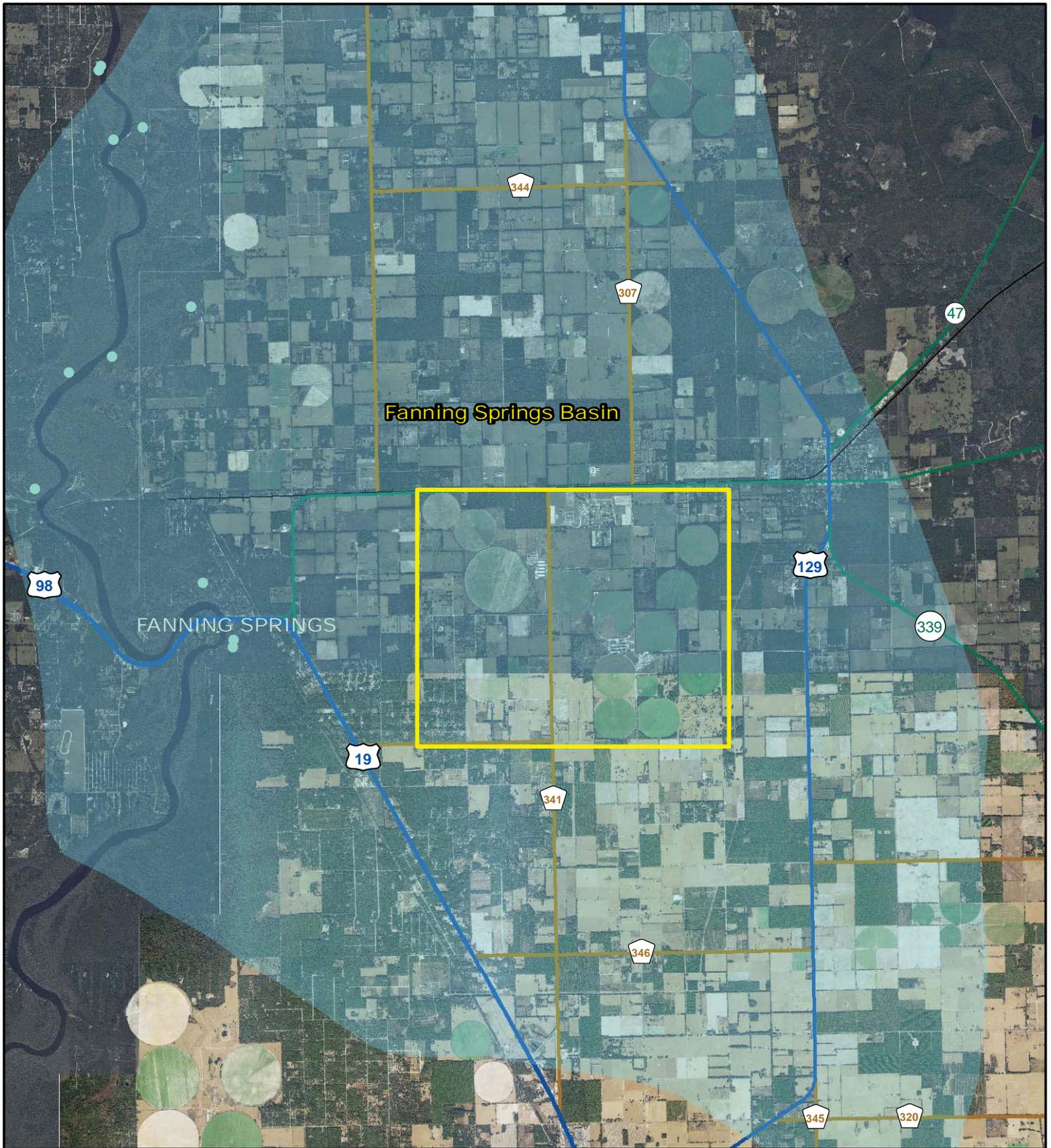
DACS has also awarded \$400,000 to the District to pursue two proposed projects which will reduce nitrate leaching into the groundwater of the springsheds of Fanning and Manatee Springs.

The first proposed project is located at a dairy within the Fanning Springs springshed. The scope is to reduce solids in the wastewater stream by enhanced screening and retrofitting the pivots that spray the wastewater. The change from overhead impact sprinklers to spray nozzles on drops will increase the application uniformity and enhance the nutrient uptake by the crop and reduce leaching of nitrates into the groundwater flowing to springs. The DACS funding for this proposed project is \$300,000.

The second proposed project is relocating production wells for a producer within the Manatee Springs springshed. Based on groundwater sampling, there are areas of elevated nitrate concentrations within certain wells around Manatee Springs. This project will move the existing production wells to the areas of elevated nitrate concentration for withdrawal and application to agricultural fields. The result will be a reduction in nitrate concentrations in groundwater flowing to springs. The DACS funding for this proposed project is \$100,000.

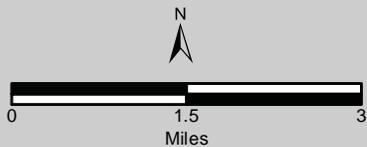
The funds are part of the DACS FY12/13 budget and must be spent by June 30, 2013.

KW/tm

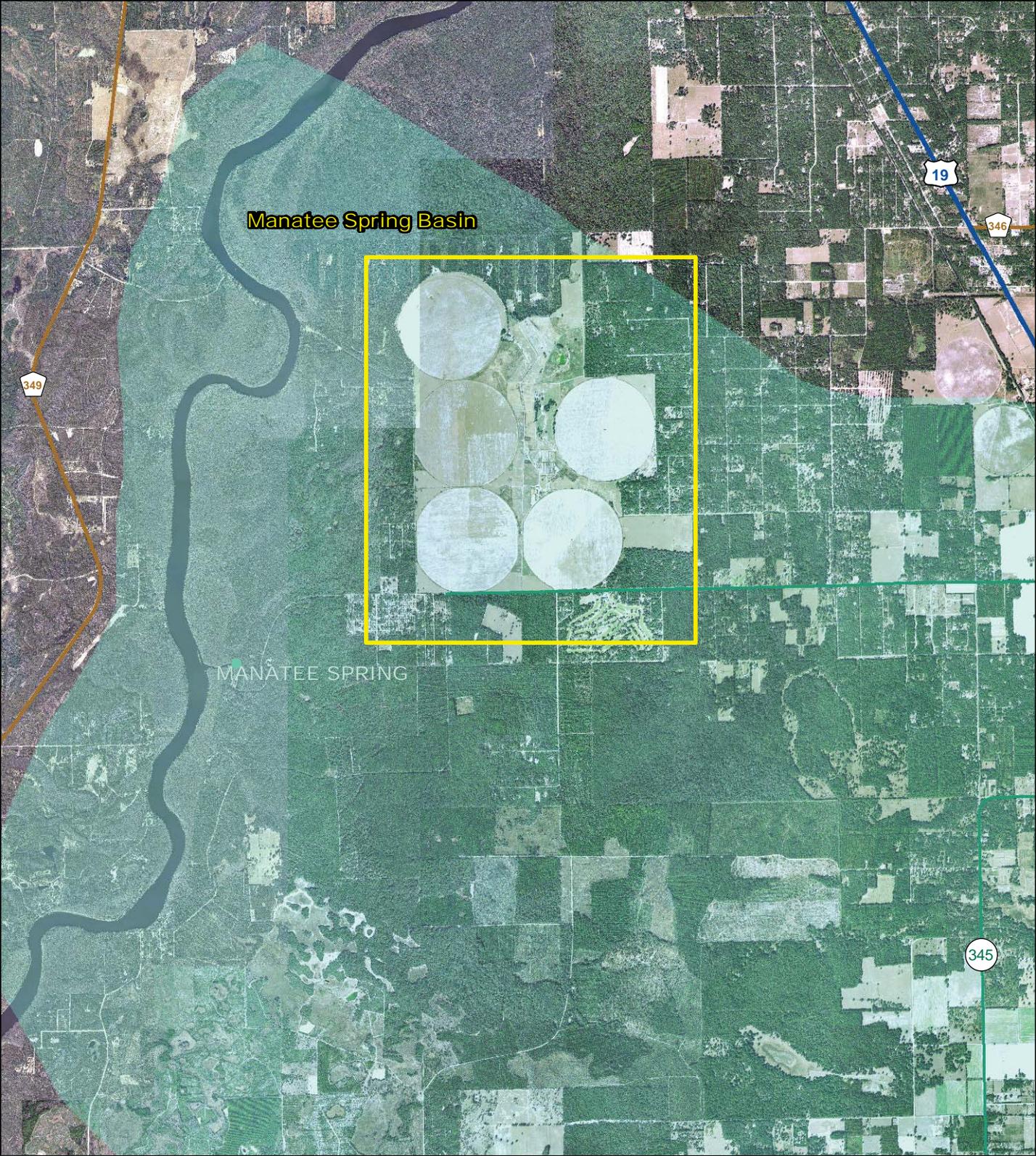


-  Fanning Springs Basin
-  Project Area

## Fanning Springshed Water Quality Project



Note: This map was created by the Suwannee River Water Management District (SRWMD) to be used for planning purposes only. SRWMD shall not be held liable for any injury or damage caused by the use of data distributed as a public records request regardless of their use or application. SRWMD does not guarantee the accuracy, or suitability for any use of these data, and no warranty is expressed or implied. For more information please contact the SRWMD at 386-362-1001.  
Map Created on 4/17/2013



**Manatee Spring Basin**

MANATEE SPRING

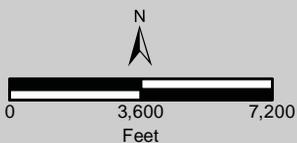


## Manatee Springshed Water Quality Project



Manatee Spring Basin

Project Area



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