

Dispersed Water Management Section 319(h) Grant Award Agreement For Water Farming Pilot Program

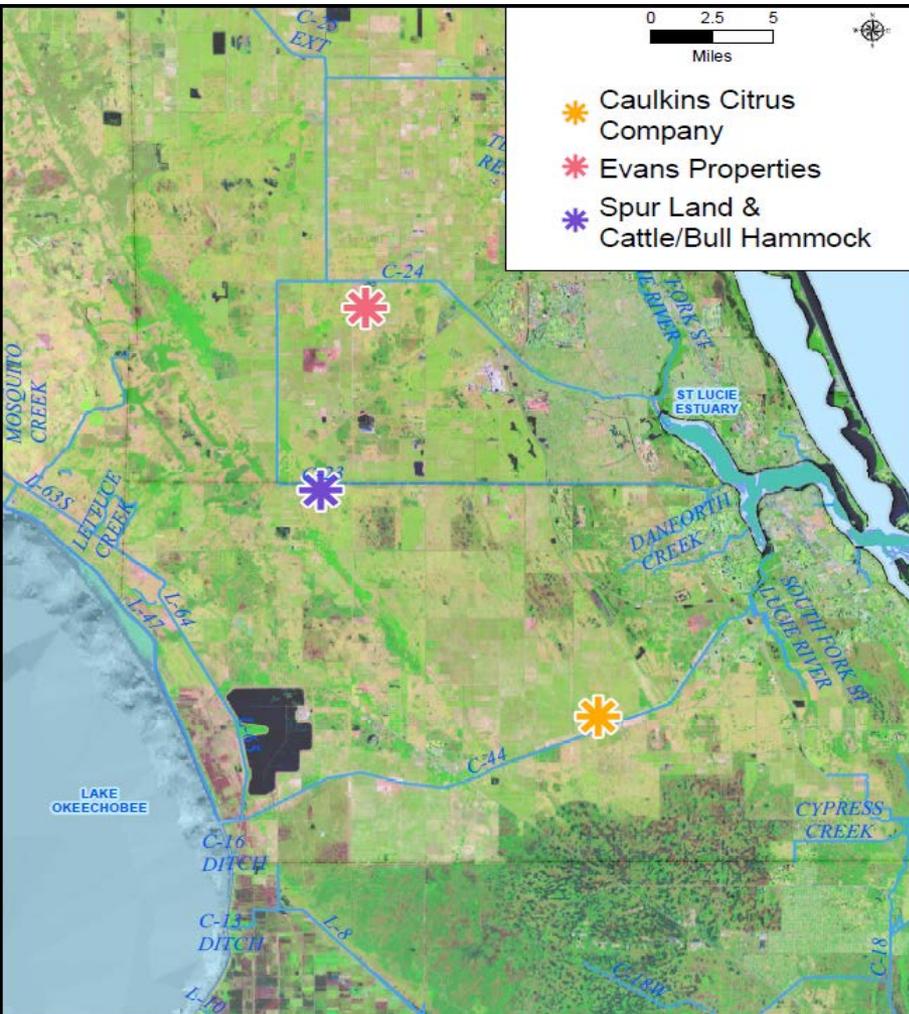
**Governing Board Meeting, Item 28
January 9, 2014**

**Beth Lewis, State Policy Chief
Office of Everglades Policy and Coordination**

Section 319(h) Grant Award Agreement For Water Farming Pilot Program

- On August 22, 2013 FDEP approved the District's Section 319(h) Grant Application for funding the Water Farming Pilot Program in the St. Lucie Watershed
- The Grant funding amount is \$1,506,401 with a required match by the District of \$1,581,000
- The application included a Watershed Coordination category as required by the 319(h) Grant
 - An agreement with the University of Florida's Center for Landscape Conservation Planning will provide a dedicated staff person to provide watershed coordination and reporting

Section 319(h) Grant Award Agreement For Water Farming Pilot Program



- The grant funding will be applied towards the three Water Farming Pilot Projects:
 - Caulkins Citrus
 - Evans Properties
 - Spur Land & Cattle/Bull Hammock Ranch

Section 319(h) Grant Award Agreement For Water Farming Pilot Program

<u>Category</u>	<u>Grant Funding</u>	<u>SFWMD Match</u>
Design & Permitting	-	\$110,900
Construction	\$598,356	-
Operations	\$908,045	\$1,237,392
WQ Monitoring	-	\$68,808
Watershed Coordination	-	\$156,400
Reporting	-	\$7,500
Total	\$1,506,401	\$1,581,000

Resolution No. 2014 - 0108

A Resolution of the Governing Board of the South Florida Water Management District authorizing staff to negotiate and enter into an agreement with Florida Department of Environmental Protection (FDEP) to provide the District with 319(h) Grant funding in the amount of \$1,506,401 for the purpose of supporting the Water Farming Pilot Projects program; providing an effective date. (Contract No. 4600002983)

Dispersed Water Management Water Farming Pilot Project Contract University of Florida Board of Trustees Item 29



07.10.2013 13:40

Water Farming Pilot Project Contract

University of Florida Board of Trustees

- The application for the 319(h) Grant included a Watershed Coordination category as required by the 319(h) Grant
- An agreement with the University of Florida's Center for Landscape Conservation Planning will provide a dedicated staff person to provide watershed coordination
- The objective of this assistance is to identify opportunities for innovative funding and additional cost-effective strategies for implementation
- Activities include outreach, options assessment and opportunities identification, and recommendations

Water Farming Pilot Project Contract

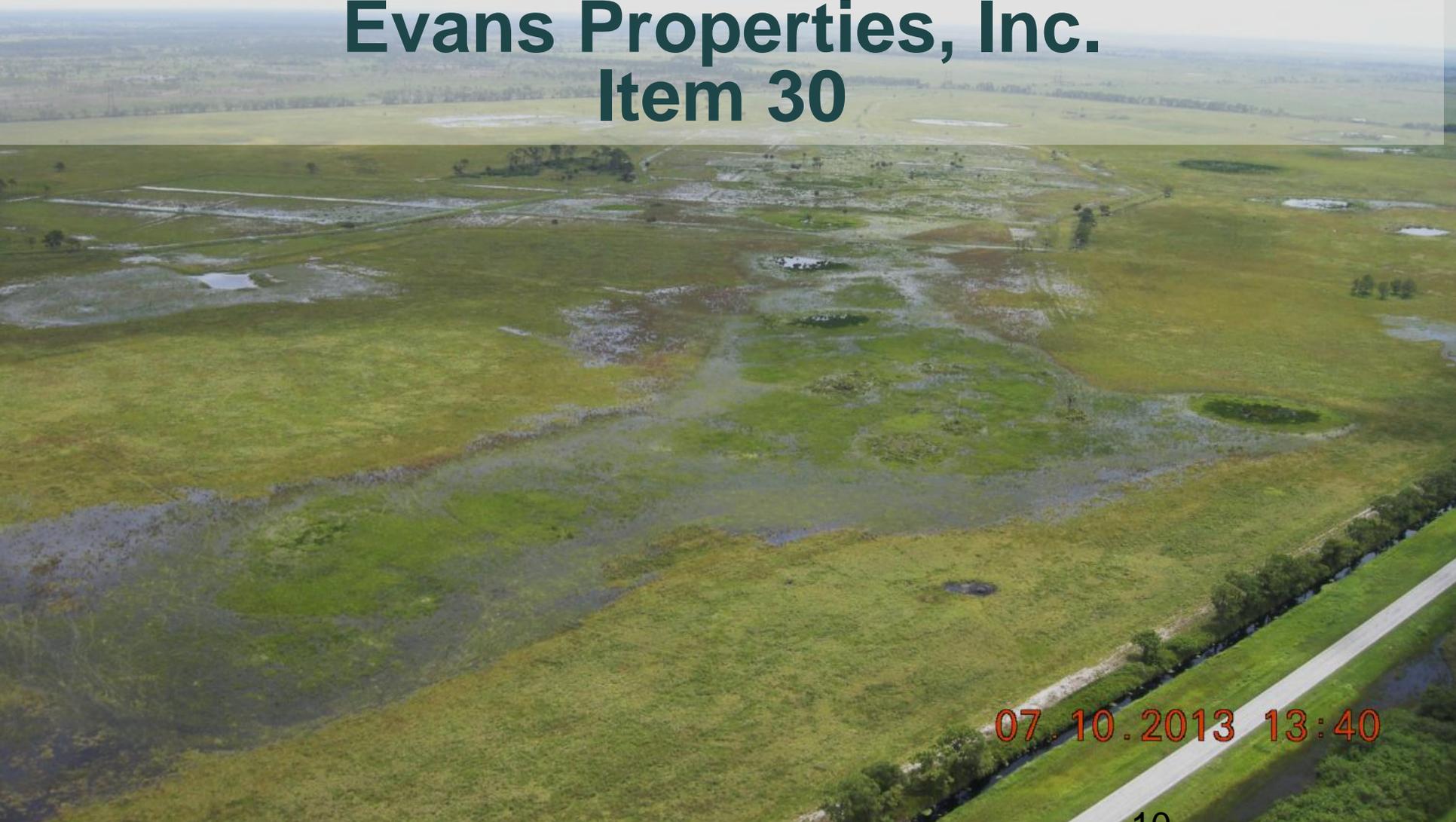
University of Florida Board of Trustees

<u>Task</u>	<u>SFWMD Cost Match</u>
Outreach Plan	\$5,025
Options & Opportunities Report	\$104,500
Results & Recommendations Report	\$46,875
Total	\$156,400

Resolution No. 2014 - 0109

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a three-year contract with the University of Florida Board of Trustees for Dispersed Water Management Program Water Farming Watershed Coordination Assistance for the purpose of providing outreach, options assessment and opportunities identification, and recommendations in the amount of \$156,400 of which \$5,025 is budgeted in FY14 and the remainder is subject to approval of the FY16 budget; providing an effective date. (Contract No. 4600002986)

Dispersed Water Management Water Farming Pilot Project Contract: Evans Properties, Inc. Item 30



07.10.2013 13:40

10

Water Farming Pilot Project Contract Evans Properties, Inc.

- Contract negotiations with Evans Properties
 - 970 acres of fallow citrus
 - Retention: 4,244 ac-ft/yr
 - Total Three Year Pilot Project Cost: \$1,392,117
 - Cost Per Ac-Ft: \$147

- Funded with DWM Spend Down Plan Reserves and 319(h) Grant



Water Farming Pilot Project Contract Evans Properties, Inc.

<u>Task</u>	<u>One Time Cost</u>
Design, Permitting & Construction	\$317,780

<u>Task</u>	<u>Annual Costs</u>
O&M and Participation Payment	\$537,168.50

Resolution No. 2014 - 0110

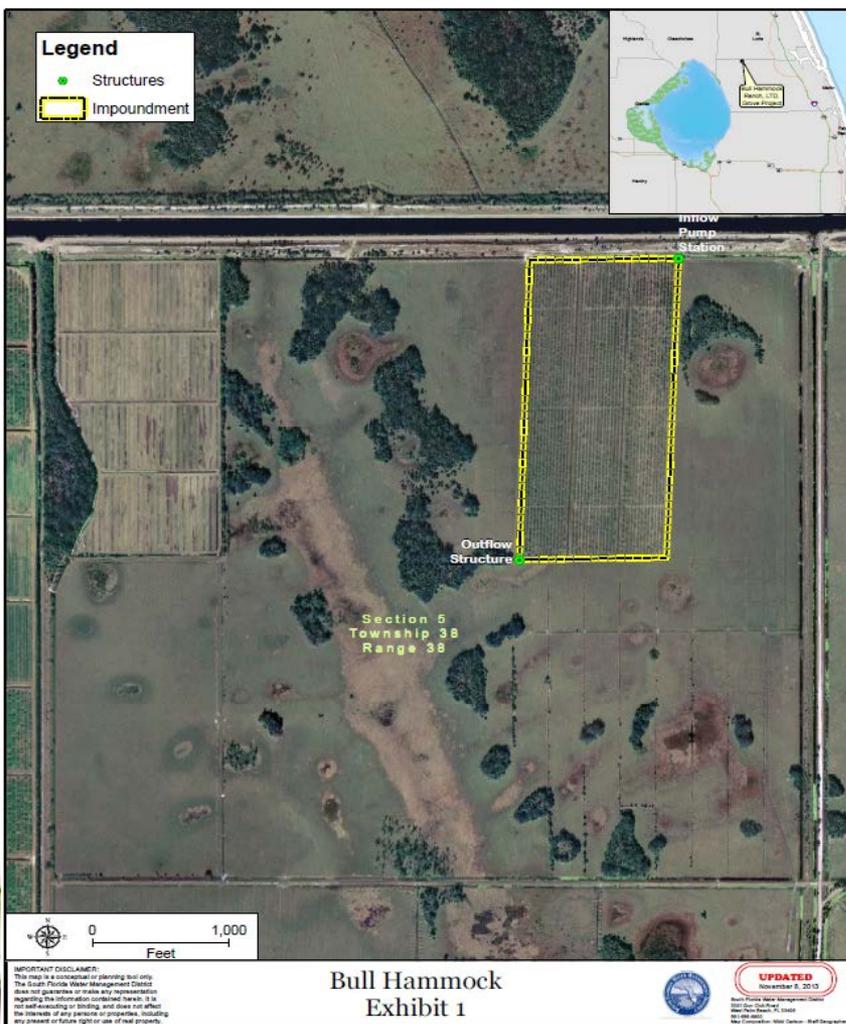
A Resolution of the Governing Board of the South Florida Water Management District authorizing staff to negotiate and enter into a three-year contract with Evans Properties, Inc. for a Dispersed Water Management Program Water Farming Pilot Project for the purpose of providing water retention services and pilot project implementation information on fallow citrus lands in the St. Lucie River Watershed in an amount not to exceed \$1,392,117, of which \$317,780 is budgeted in FY14 and the remainder is subject to Governing Board approval of the FY15-FY16 budgets and contingent on the execution of the 319(h) Grant Agreement with the Florida Department of Environmental Protection; providing an effective date. (Contract No. 4600002949)

Dispersed Water Management Water Farming Pilot Project Contract Spur Land & Cattle/Bull Hammock Ranch Item 31



07.10.2013 13:40

Water Farming Pilot Project Contract Spur Land & Cattle/Bull Hammock Ranch



- Contract negotiations with Spur Land & Cattle/Bull Hammock Ranch
- 60 acres of fallow citrus and 150 acres of pasture land
 - Retention: 870 ac-ft/yr
 - Total Three Year Pilot Project Cost: \$245,440
 - Cost Per Ac-Ft: \$81
- Funded with DWM Spend Down Plan Reserves and 319(h) Grant

Water Farming Pilot Project Contract Spur Land & Cattle/Bull Hammock Ranch

<u>Task</u>	<u>One Time Cost</u>
Design, Permitting & Construction	\$136,000

<u>Task</u>	<u>Annual Costs</u>
O&M and Participation Payment	\$54,720

Resolution No. 2014 - 0111

A Resolution of the Governing Board of the South Florida Water Management District authorizing staff to negotiate and enter into a three year contract with Spur Land and Cattle, LLC and Bull Hammock Ranch, Ltd for a Dispersed Water Management Program Water Farming Pilot Project for the purpose of providing water retention services and pilot project implementation information on fallow citrus lands in the St. Lucie River Watershed in an amount not to exceed \$245,440, of which \$136,000 is budgeted in FY14 and the remainder is subject to Governing Board approval of the FY15-FY16 budgets and is contingent on the execution of the 319(h) Grant Agreement with the Florida Department of Environmental Protection; providing an effective date. (Contract No. 4600002948)