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## **South Florida Water Management District**

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### **GOVERNING BOARD MONTHLY MEETING AGENDA**

September 9, 2021

9:00 AM

District Headquarters - B-1 Auditorium

3301 Gun Club Road

West Palm Beach, FL 33406

#### **FINAL**

1. Call to Order - Chauncey Goss, Chairman, Governing Board
2. Pledge of Allegiance
3. Recognitions
  - September Employee of the Month: Bryan Cowart, Sr. Security & Law Enforcement Specialist
  - September Team of the Month: S-191A Pump Station Team for Lakeside Ranch
  - 25-Year Service Award: Christopher Madden, Lead Environmental Scientist
  - 25-Year Service Award: Karl Snyder, Crew Chief – Electronics
  - Recognition of Service: Col. Andrew Kelly, District Commander, U.S. Army Corps of Engineers, Jacksonville District
4. Agenda Revisions
5. Agenda Item Abstentions by Board Members
6. Big Cypress Basin Board Report - Charlette Roman, Chair
7. Consider Approval of the Minutes for the August 11<sup>th</sup> Workshop and August 12<sup>th</sup> Meeting
8. Consider Approval of the 2022 Governing Board and Committee Meeting Dates
9. Executive Director's Report - Drew Bartlett

10. General Public Comment

11. Board Comment

## **Consent Agenda**

12. Move Consent Agenda Items to Discussion Agenda

13. Public Comment on Consent Agenda Items

14. Fakahatchee Strand State Preserve Component, Collier County (Staff contact, Stephen M. Collins)

### **A. Land Acquisition**

#### **Agenda Item Background:**

The District has agreed to acquire the lands needed to complete the Fakahatchee Strand State Preserve Component of the Picayune Strand Restoration Project. In August 2019, the Governing Board approved the acquisition of the remaining 23 parcels on a willing-seller basis. Subject to Governing Board approval, the District has agreed to purchase three tracts from willing sellers totaling approximately 6.25 acres (2.5 acres, 1.25 acres and 2.5 acres) at a total cost of \$157,500 (\$57,500, \$42,500 and \$57,500, respectively), all at the appraised value. The acquisition of these three parcels will result in the District acquiring 19 of the 23 remaining tracts in the Fakahatchee Strand State Preserve.

#### **Recommended Action:**

**Resolution No. 2021 - 0901 Approve the acquisition of land interests in three parcels containing 2.5 acres, 1.25 acres, and 2.5 acres, more or less, located in the Picayune Strand Restoration Project, Fakahatchee Strand State Preserve Component, in Collier County, in the amount of \$57,500, \$42,500 and \$57,500, respectively, plus associated costs, for which dedicated funds (Land Acquisition Trust Fund and/or Florida Forever Surplus funds) are budgeted.**

### **B. Release of Funds**

#### **Recommended Action:**

**Resolution No. 2021 - 0902 Advise the Florida Department of Environmental Protection of the proposed acquisition of three parcels containing a total of 6.25 acres, more or less, for the Picayune Strand Restoration Project, Fakahatchee Strand State Preserve Component, in Collier County, and request the release of funds from the Land Acquisition Trust Fund and/or usage of Florida Forever Surplus funds for acquisition of such land interests, together with associated costs.**

15. Temporary Construction Easement, Miami-Dade County (Staff contact, Stephen M. Collins)

**Agenda Item Background:**

Operations and Maintenance is currently identifying certain culverts in need of replacement and has determined that PC-14 in the C-103 right of way needs to be replaced. Due to the location of PC-14, additional land for staging and access is required. The adjacent landowner has agreed to grant the District a Temporary Construction Easement for one year over a portion of their property. The Temporary Construction Easement will allow the District to stage and store equipment and materials; install and maintain a gate, chain link fencing and privacy screening to secure the site; clear and remove trees, shrubs and plantings; and access the culvert site. The landowner has requested to be paid \$8,000 to compensate for any removed trees and vegetation, which will not be replaced by the District.

**Recommended Action:**

**Resolution No. 2021 - 0903 Acquire a Temporary Construction Easement containing 0.362 acre, more or less, for the Replacement of PC-14 located in the C-103 Right of Way in Section 5, Township 57 South, Range 39 East, Miami-Dade County, and compensate the landowner for removed trees and vegetation in the amount of \$8,000, plus associated costs, for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget.**

16. Release of Reservations (Staff contact, Stephen M. Collins)

**Agenda Item Background:**

The District has certain reserved rights to construct canal and road right of ways. Applications requesting release of these reservations are received as they constitute a defect on title which must be resolved prior to a property sale, especially when financing is involved. Applications are reviewed to determine if there is a present or future need. If it has been determined there is no present or future need, staff recommend that the reservations are released for payment of a value equal to one percent of the appraised value of the land on the Property Appraiser's website in the County where the property is located. It has been determined that there is no present or future need for the reservations listed below.

**Staff Recommendation:**

Staff recommends approval of the following:

**Broward County**

Release District canal and road reservations for WTLG, LLC. (File No. 18875) for 2.67+/- acres; release value of \$7,288.90 was paid on July 13, 2021.

**Recommended Action:**

**Resolution No. 2021 - 0904 Release District canal and road reservations.**

17. Certification of 2021/2022 Annual Regulatory Plan (Staff contact, Carolyn Ansay)

**Agenda Item Background:**

The District annually completes and certifies a rulemaking plan to the Legislature's Joint Administrative Procedures Committee. The annual regulatory plan is required by Section 120.74, Florida Statutes, to inform the Legislature and the public of agency rulemaking. The Governing Board and General Counsel must certify that they reviewed the plan and that the District regularly reviews its rules to determine if the rules remain

consistent with the agency's rulemaking authority and the laws implemented. The District reviewed its rules for this purpose in July 2021. The District must submit its certification along with the plan to the Joint Administrative Procedures Committee. The District must also publish Notice of the plan in the Florida Administrative Register and publish and maintain the plan on the District's website for 10 years after the date of initial publication.

**Recommended Action:**

**Resolution No. 2021 - 0905 Certify to the Joint Administrative Procedures Committee that the Governing Board and General Counsel reviewed the District's 2021/2022 Annual Regulatory Plan and that the District reviewed its rules to determine if the rules remain consistent with the District's rulemaking authority and the laws implemented.**

18. Phosphorus Free Water Solutions, LLC Bid Protest (Staff contact, Julia Lomonico)

**Agenda Item Background:**

Phosphorus Free Water Solutions, LLC challenged the District's decision to award a contract to Ferrate Solutions, Corp. to remove total phosphorus from water within the District's S-191 Basin using innovative technologies. The matter was referred to the Division of Administrative Hearings for a formal administrative hearing under DOAH Case No. 21-1794BID. The Administrative Law Judge heard the matter and issued a Recommended Order. The matter is now before the Governing Board to issue a Final Order.

**Recommended Action:**

**Enter a Final Order accepting the Administrative Law Judge's Recommendation to award the contract to Phosphorous Free Solutions, Inc. and ruling on exceptions filed by the parties.**

19. Information Technology Annual Contracts (Staff contact, Duane Piper)

A. SAP Software Annual Maintenance

**Agenda Item Background:**

SAP is the integrated Enterprise Resource Planning Software used for the District's core business functions such as accounting, finance, procurement, human resources, payroll, plant maintenance, and project management. Each year, the District enters into an annual purchase order with the manufacturer, SAP Public Services, Inc. for software maintenance for all SAP licenses which includes technical support, upgrades, and access to the Support and Advisory Center. The District obtained this purchase order through a special procurement that is exempt from competition under Section 155-6, of the District's Policies and Procedures. This policy provides that licensing, warranty, compatibility requirements that limit the selection to the manufacturer, including purchases of parts, repairs or maintenance services from the original equipment manufacturer, seller or authorized repair facility are exempt from competition. This policy provides that all renewals for maintenance and licensing of proprietary computer software are exempt from competition. SAP Public Services, Inc. will provide software maintenance and upgrades for the time period October 1, 2021 through September 30, 2022.



**Recommended Action:**

**Resolution No. 2021 - 0906 Authorize issuing a purchase order to SAP Public Services, Inc. for software maintenance and upgrades, for the time period October 1, 2021 through September 30, 2022, in the amount of \$648,420 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget. (Purchase Order Number 4500129972)**

**B. Integration Software License Annual Renewal**

**Agenda Item Background:**

In May 2014, the District began using MuleSoft software as the tool for integrating multiple enterprise systems such as our financial system (SAP), our hydrologic and data verification system (DBHYDRO/DCVP), and our Decision Support System (ODSS). This software eliminated the requirement for District staff to write custom code which is very expensive to write as well as difficult to maintain and support. In August 2017, additional licenses were purchased for the Supervisory Control and Data Acquisition (SCADA) Project, replacing the Webmethods software. In December 2020, the District purchased additional licenses for DBHYDRO Insights.

Each year the District enters into a purchase order for the MuleSoft licenses. This request is to issue a purchase order to Carahsoft Technology Corporation for the time period November 1, 2021 through October 31, 2022, using the General Services Administration Schedule GS-35F-0119Y. This contract was competed by another government agency.

**Recommended Action:**

**Resolution No. 2021 - 0907 Authorize issuing a purchase order to Carahsoft Technology Corporation for MuleSoft integration software licenses, using the General Services Administration Schedule GS-35F-0119Y, for the time period November 1, 2021 through October 31, 2022, in the amount of \$288,614 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget. (Purchase Order Number 4500129975)**

**C. Business Workflow Software License Annual Renewal**

**Agenda Item Background:**

The Pega 7 Platform is the business workflow software that supports permitting and compliance processes for Environmental Resource, Consumptive Water Use, and Works of the District. These business workflows include processing applications, permits, transfers, and compliance monitoring. The Pega 7 platform is also being used to replace the legacy Vegetation Management System (Weedar) and Right of Way permitting system.

This request is to issue a purchase order to SHI, Inc. for the time period December 19, 2021 through December 18, 2022, using the National Association of State Procurement Officials Contract Number 43230000-NASPO-16-ACS-Software. This contract was competed by another government agency.

**Recommended Action:**

**Resolution No. 2021 - 0908 Authorize issuing a purchase order to SHI, Inc. for Pega Systems software maintenance, using the National Association of State Procurement Officials Contract Number 43230000-NASPO-16-ACS-Software, for the time period December 19, 2021 through December 18, 2022, in the amount of \$153,220 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget. (Purchase Order Number 4500129978)**

**D. Network Software Enterprise Agreement**

**Agenda Item Background:**

Presidio Networked Solutions will provide an enterprise agreement for the Cisco Systems network software maintenance. The agreement is for three years and is renewable annually. By executing a three-year contract for software maintenance, the annual cost is locked in for the three-year period, saving approximately 5% - 7% each year, and the District can add 20% more software to the agreement at no additional cost. This network software supports the Supervisory Control and Data Acquisition (SCADA) network (our ability to monitor and control water levels) and our internal networks including internet connectivity, the telephone system, and connections between all District offices and microwave network sites.

This request is to enter into a contract with Presidio Networked Solutions for a network software enterprise agreement for the time period December 1, 2021 through November 30, 2024, using the National Association of State Procurement Officials ValuePoint Cisco Contract AR3227 Florida Contract Number 43220000-NASPO-19-ACS. This contract was competed by another government agency.

**Recommended Action:**

**Resolution No. 2021 - 0909 Authorize entering into a three-year contract with Presidio Networked Solutions for a network software enterprise agreement, using the National Association of State Procurement Officials ValuePoint Cisco Contract AR3227 Florida Contract 43220000-NASPO-19-ACS, for the time period December 1, 2021 through November 30, 2024 for software maintenance, in the amount of \$182,196 for which Ad Valorem funds in the amount of \$60,732 are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004459)**

**E. Storage Hardware and Software Annual Maintenance**

**Agenda Item Background:**

The Information Technology Division uses EMC equipment and software to maintain and store the District's critical data. The storage infrastructure provides high availability and redundancy for numerous systems and protects this data from any unforeseen data loss. Select information is replicated remotely to the District's disaster recovery site. The environment is scalable and strategically lends itself to the overall long-term solution for data management at the District.

Each year, the District enters into an annual purchase order with Ahead, Inc. (previously RoundTower) for storage hardware and software maintenance. This request is to issue a purchase order to Ahead, Inc. for the time period November 1, 2021 through October 31, 2022 using the National Association of State Procurement Officials ValuePoint Contract MNWNC-109. This contract was competed by another government agency.

**Recommended Action:**

**Resolution No. 2021 - 0910 Authorize issuing a purchase order to Ahead, Inc. for storage hardware and software maintenance, using the National Association of State Procurement Officials ValuePoint Contract Number MNWNC-109, for the time period November 1, 2021 through October 31, 2022, in the amount of \$201,220 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget. (Purchase Order Number 4500129976)**

**F. Legacy Hardware Annual Maintenance**

**Agenda Item Background:**

To achieve cost savings for legacy infrastructure hardware maintenance, Information Technology will procure support from a third-party vendor for the Oracle Sun Microsystems Unix based hardware, the EMC storage hardware, and the Dell infrastructure hardware. This maintenance includes hardware support only, with no firmware or software updates. This equipment hosts critical District applications such as SAP, DBHYDRO, Operations, and other core infrastructure applications such as accounting, finance, procurement, plant maintenance, and environmental databases. It also maintains, stores, and backs up the District's critical data across three tiers of storage. The storage infrastructure provides high availability and redundancy for numerous applications including Documentum, email, SAP, and Operations databases.

CDW-G LLC will provide legacy hardware maintenance for the time period November 1, 2021 through October 31, 2022 using the National Intergovernmental Purchasing Alliance Technology Solutions Contract Number 2018011-01. The contract was competed through a government agency; therefore, the District's Procurement Policy does not require additional competition.

**Recommended Action:**

**Resolution No. 2021 - 0911 Authorize issuing a purchase order to CDW-G LLC for legacy infrastructure hardware maintenance, using the National Intergovernmental Purchasing Alliance Technology Solutions Contract Number 2018011-01, for the time period November 1, 2021 through October 31, 2022, in the amount of \$160,281 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget. (Purchase Order Number 4500129977)**

**G. Documentum D2 Implementation**

**Agenda Item Background:**

The District uses Documentum enterprise content management software to store and

archive digital documents in a safe and secure repository. Documents include permits, personnel documents, Comprehensive Everglades Restoration Plan (CERP) project documentation and others. Documentum also provides the ability to easily control and organize files. Webtop, the current web front end for Documentum, is difficult to support and secure which causes performance impacts to users. As a result, IT is replacing the Webtop front end with D2 which will increase security, reliability and provide additional features including access to mobile users. In addition, IT will consolidate both the CERP and District document repositories to reduce overhead and administration.

This request is to increase PO 4500129872 with Alamo City Engineering Services, Inc. to assist with the installation and configuration of the D2 front end and consolidate the CERP and District content repositories, using the General Services Administration Schedule Number GS-35F-0598S. The contract was competed through a government agency; therefore, the District's Procurement Policy does not require additional competition.

**Recommended Action:**

**Resolution No. 2021 - 0912 Authorize an amendment to Purchase Order Number 4500129872 with Alamo City Engineering Services, Inc. by increasing the amount of the purchase order by \$126,576 for a revised purchase order total of \$206,226 for D2 Documentum implementation services, using the General Services Administration Schedule Number GS-35F-0598S, for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget. (Purchase Order 4500129872)**

20. Northern Crested Caracara Sole Source Contract (Staff contact, Jennifer Reynolds)

**Agenda Item Background:**

Three restoration projects, the C-43 West Basin Storage Reservoir (C-43 Reservoir), C-139 Flow Equalization Basin (C-139 FEB), and C-139 Annex Restoration (C-139 Annex, also known as the C-139 Abiaki Prairie Restoration/Mitigation Project and the Sam Jones Abiaki Prairie Restoration Project) (hereafter, Projects), require long-term permit mandated Northern crested caracara (CRCA) monitoring, trapping, tagging, and reporting per their U.S. Fish and Wildlife Service (USFWS) Biological Opinions (BOs) attached to their corresponding U.S. Army Corps of Engineers (USACE) permits.

The District currently has one-year sole source contracts for each restoration project with Dr. Joan Morrison and Johnson Engineering, Inc. Dr. Morrison is the only licensed biologist in the United States that is legally able, with the service required USFWS 10(a)(1)(A) recovery permit, to conduct this level of monitoring. Dr. Morrison is under contract with Johnson Engineering, Inc., who provides the ecologists with the level of technical expertise required to conduct the nest location surveys and productivity monitoring necessary to perform these services. These contracts expire in September 2021.

Staff is requesting approval to consolidate the contracts into one sole source contract, over a five-year term, during the 2022-2027 caracara nesting seasons; which breaks down to years seven through eleven for the C-43 Reservoir and years two through six for both the C-139 Annex and the C-139 FEB.

Johnson Engineering Inc. meets the USACE permit conditions of monitoring of CRCA, a Federal and State threatened species, and have the necessary experience acceptable to USFWS and the District.

**Recommended Action:**

**Resolution No. 2021 - 0913 Authorize entering into a five-year sole source contract with Johnson Engineering Inc., for the purpose of long-term Northern crested caracara permit mandated monitoring for the C-43 West Basin Storage Reservoir, C-139 Flow Equalization Basin, and C-139 Annex Restoration (also known as the C-139 Abiaki Prairie Restoration/Mitigation Project and the Sam Jones Abiaki Prairie Restoration Project) in an amount not to exceed \$1,113,525, for which \$222,705 in Ad Valorem and dedicated funds (Land Acquisition Trust Fund and Lake Belt Mitigation Fund) is subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget, and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004464)**

21. U.S. Geological Survey Joint Funding Agreements (Staff contact, Jennifer Reynolds)

**Agenda Item Background:**

Groundwater monitoring is critical to the District's water supply mission and its ability to monitor movement of the saltwater interface in our coastal aquifers, manage water resources during water shortages, calibrate and apply groundwater models that support water supply planning efforts, and evaluate the effects of new projects on existing legal users of water. The District supplements its monitoring coverage utilizing the existing U.S. Geological Survey (USGS) network of wells. These proposed Joint Funding Agreements continue the District's long-standing partnership with the USGS for a three-year period and include monitoring at a total of 347 sites across the District's area.

- A. USGS Caribbean-Florida Water Science Center (Ft. Lauderdale)

**Recommended Action:**

**Resolution No. 2021 - 0914 Authorize a Joint Funding Agreement with the United States Geological Survey, United States Department of the Interior, Caribbean-Florida Water Science Center (Ft. Lauderdale), for ground water, surface water, and evapotranspiration monitoring data for three years, in an amount not-to-exceed \$4,000,000 for which \$1,147,402 in Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted Budget and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004465)**

- B. USGS Caribbean-Florida Water Science Center (Orlando)

**Recommended Action:**

**Resolution No. 2021 - 0915 Authorize a Joint Funding Agreement with the United States Geological Survey, United States Department of the Interior, Caribbean-Florida Water Science Center (Orlando), for ground water, surface water, and evapotranspiration monitoring data for three years, in an amount not-to-**

**exceed \$1,000,000 for which \$303,718 in Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget and the remainder is subject to Governing Board approval of future years budgets. (Contract Number 4600004466)**

22. G-341 Conveyance Improvements Phase 1: Bolles East (L16) Canal Improvements Segment 5 Star Farms Corporation Agreement (Staff contact, Alan Shirkey)

**Agenda Item Background:**

As part of the Restoration Strategies Program, the G-341 Bolles Canal Conveyance Improvements Project improves the flow capacity of the Bolles East (L-16) Canal from the Hillsboro Canal to the North New River Canal. The project will provide the District with additional operational flexibility, provide a means to move stormwater east and west within the Everglades Agricultural Area, improve the efficiency of the STAs and help the District achieve its water quality goals. Replacement of the existing bridges crossing the canal was anticipated to be part of the conveyance improvements.

As a precursor to the construction of Segment 5, a Cooperative Agreement with the bridge owners is desired. The Cooperative Agreement is anticipated to hold Star Farms as bridge owners responsible for its Right-Of-Way permit modification, Environmental Resource Permit modification, design review of the proposed bridge, and the on-going maintenance of the new bridge. As part of the Cooperative Agreement, the District will be responsible for the demolition of the existing bridge and the construction of the new bridge. This agenda item authorizes the action of entering into a Cooperative Agreement with Star Farms Corporation. A similar agreement for the second bridge owner within Segment 5, Kennedy Farms, is anticipated to be placed on a Governing Board agenda in the near future.

**Recommended Action:**

**Resolution No. 2021 - 0916 Authorize entering into a Cooperative Agreement with Star Farms Corporation as part of the RS-G341 Conveyance Improvements Phase 1 Bolles East (L-16) Canal Conveyance Improvement Project - Segment 5 for the replacement of the Star Farms Bridge. (Contract Number 4600004456)**

23. Board Vote on Consent Agenda

## **Technical Reports**

24. Water Conditions Report - Suelynn Kirkland
25. Ecological Conditions Report - Lawrence Glenn

## **Discussion Agenda**

26. 2021 Upper East Coast Water Supply Plan Update Status (Staff contact, Nancy Demonstranti)

**Agenda Item Background:**

This presentation will provide an overview of the Draft 2021 Upper East Coast (UEC) Water Supply Plan Update; no Governing Board action is required at this stage. Water supply plans are updated every five years and identify sustainable water supplies for all

water users in the region while protecting water resources and related natural systems. Development of the 5-year update is nearing completion for the UEC Planning Area, which includes Martin, St. Lucie and northeastern Okeechobee counties. The Draft 2021 UEC Water Supply Plan Update was released for public review in August and is scheduled for Governing Board consideration in November 2021.

27. Fiscal Year 2021-2022 Budget Highlights (Staff contact, Drew Bartlett)

**Agenda Item Background:**

The Executive Director will provide Fiscal Year 2021-2022 budget highlights in preparation for the September 9th Public Hearing on the Tentative Millage Rates and Tentative Budget.

## **Staff Reports**

28. Monthly Financial Report - Candida Heater
29. General Counsel's Report - Carolyn Ansay
30. General Public Comment
31. Board Comment
32. Adjourn

## **Public Comment Policy**

The South Florida Water Management District Governing Board encourages the public to provide comment and input to the Governing Board. Public comment is accepted at the two dedicated General Public Comment periods at the beginning and the end of the meeting. Public comment is also accepted on the Consent Agenda and each Discussion Agenda item.

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**2022 Proposed Meeting Dates**  
**Governing Board and Audit & Finance Committee**  
**WRAC and Recreational Public Forum**  
**Big Cypress Basin Board**

DATE TBD, January	Governing Board Business meeting
Thursday, February 10	Governing Board Business meeting
Thursday, February 24	Big Cypress Basin Board meeting
Thursday, March 10	Governing Board Business meeting SW Florida
Thursday, March 10	Audit & Finance Committee meeting SW Florida
Monday, March 14	Recreational Public Forum
Wednesday, March 30	Lunch & Learn
Thursday, March 31	WRAC Public Forum
Wednesday, April 13	Governing Board Workshop
Thursday, April 14	Governing Board Business meeting SFWMD Leasing Corp Annual Meeting
Thursday, April 28	Big Cypress Basin Board meeting
Thursday, May 12	Governing Board Business meeting FL Keys
Thursday, June 9	Governing Board Business meeting
Thursday, June 9	Audit & Finance Committee meeting
Monday, June 13	Recreational Public Forum
Wednesday, June 29	Lunch & Learn
Thursday, June 30	WRAC Public Forum
Friday, July 8	Big Cypress Basin Board meeting
Wednesday, July 13	Governing Board Workshop
Thursday, July 14	Governing Board Business meeting

Thursday, August 11	Governing Board Business meeting
Thursday, August 25	Big Cypress Basin Board meeting
Thursday, September 8	Governing Board Business meeting
Thursday, September 8	Tentative Budget & Millage Public Hearing
Monday, September 12	Recreational Public Forum
Tuesday, September 20	Final Budget & Millage Public Hearing
Thursday, September 29	WRAC Public Forum
Wednesday, October 12	Governing Board Workshop
Thursday, October 13	Governing Board Business meeting
Wednesday, October 26	Lunch & Learn
Thursday, October 27	Big Cypress Basin Board meeting
Thursday, November 10	Governing Board Business meeting Collier or Broward
Thursday, November 10	Audit & Finance Committee meeting Collier or Broward
Thursday, December 8	Governing Board Business meeting
Monday, December 12	Recreational Public Forum
Thursday, December 29	WRAC Public Forum



September 9, 2021 Governing Board

## Interagency Coordination

- Staff from FDEP, FDACS, and SFWMD (“Coordinating Agencies”) continue to meet biweekly to expedite the process of updating the Interagency Agreement, which expires in March 2022.
- Agency leadership is meeting in September to discuss the draft of the Interagency Agreement.
- The Coordinating Agencies’ technical team is also meeting regularly to review the current state of water quality in BMAP areas and make recommendations to improve targeted restoration/priority focus areas.

## SFWMD Progress Update

- SFWMD will issue a Request for Proposals in the coming months to solicit NEEPP projects in the Lake Okeechobee, Caloosahatchee River and Estuary, and St. Lucie River and Estuary watersheds (“Northern Everglades watersheds”) with the focus on accelerating project implementation, particularly in priority focus areas.
- Progress in implementing ~80 watershed construction projects with water storage and water quality benefits to improve conditions in the Northern Everglades, including significant advancement of key priority projects:
  - In the LOW, construction of Lakeside Ranch STA, Phase III – S-191A pump station was completed in August 2021, and south levee and seepage ditch repairs for Nubbin Slough STA were completed on 8/16/2021.
  - In the CRW, under the C-43 Reservoir Water Quality Component (WQC), the preferred plan—in-reservoir alum combined with post-storage sand filter—is being drafted, with the final plan to be presented at a public meeting on 9/13/2021.
  - In the SLRW, construction of the 6,100-acre Bluefield Grove Water Farm was completed on 8/20/2021, while construction of the ~7,440-acre Scott Water Farm is planned to be completed by 10/31/2021.
  - In the SLRW, SFWMD commenced flow-through operations for the C-44 STA on 7/7/2021.
  - In the SLRW, in partnership with USACE, construction of the C-44 Reservoir is planned for completion by no later than 9/17/2021; filling the reservoir is scheduled to begin this year.
- Also, ongoing oversight of 22 operational DWM projects that provide approximately ~155,500 ac-ft of annual storage across the Northern Everglades watersheds, and advancing 4 storage projects in planning, design/permitting, or construction that will provide another ~59,100 ac-ft of storage once operational.
- SFWMD, in coordination with FDEP and FDACS, is preparing the Draft 2022 SFER – Volume I, Chapter 8A, NEEPP Annual Progress Report [per §373.4595(6), F.S.]; SFWMD is also preparing the Watershed Protection Plan reviews for the Lake Okeechobee, St. Lucie River, Caloosahatchee River Watersheds (Chapters 8B-8C-8D). Drafts will be reviewed by the agencies and released on SFWMD website for public/peer-review in October 2021.
- On 8/31/2021, SFWMD submitted two proposed projects for FDEP’s consideration under the nonpoint source fund program for Federal Clean Water Act Section 319(h) and State Water Quality Assistance Grants.

## FDEP Progress Update

- FDEP announced a new opportunity for nonpoint source water quality project proposals for State Water Quality Assistance and Federal Section 319(h) Grants, totaling approximately \$8-9M. Proposals were received through 8/31/2021 and will be evaluated for further consideration for either state or federal funding.
- In the 2020 Lake Okeechobee BMAP, FDEP updated their approach to evaluating water quality to help prioritize resources in such a large watershed. Targeted Restoration Areas (TRAs) were developed by comparing measured nutrient concentrations with selected benchmarks to identify basins within the watershed that should be prioritized for restoration. This information will be used in conjunction with work SFWMD is doing to assist in evaluating projects that have been submitted by local governments, academic institutions, or nonprofit organizations through the FDEP Grants web-portal (closed on July 15, 2021); FDEP continues to review the many applications received and plans to complete project selections for these grants by November/December 2021.



## Progress Update on Northern Everglades and Estuaries Protection Program (NEEPP)

9.a

September 9, 2021 Governing Board

- FDEP is authorized to take enforcement action for agricultural producers who are within a BMAP and have not signed up for water quality monitoring or enrolled in the agricultural BMP program. In May 2021, FDACS' referred about 2,800 agricultural landowners to FDEP for enforcement action. These landowners were either unresponsive to FDACS' notice or elected to perform monitoring under FDEP. FDEP sent letters to each of these landowners explaining the requirements and how they can come into compliance. In mid-June, FDEP sent out warning letters to those who did not respond to the first letter. To date, more than 57% of the parcels referred to FDEP by FDACS have been brought into compliance or are in the process of enrolling in the BMP program with FDACS. FDEP is continuing enforcement actions until all parcels are brought into compliance.
- On 6/21/2021, FDEP received and reviewed records from FDACS submitted in response to the Clean Waterways Act requirement for FDACS to perform inspections verifying proper implementation of their BMPs and to gather fertilizer application records from agricultural operations that are enrolled in their BMP program in BMAP areas. FDEP reviewed the information and provided initial feedback to FDACS about the data collection and reporting. FDEP and FDACS continue to work through these initial questions and comments. Overall, this review and feedback process will ensure that the data collected will be beneficial to current and future restoration efforts.
- FDEP is working on Indian River Lagoon – Spatial Watershed Iterative Loading modeling updates to help improve allocations associated with the IRL BMAPs. FDEP recently solicited feedback from stakeholders on available data/information to assist with these updates, which ultimately will be incorporated into the next BMAP updates.

### FDACS Progress Update

- The certification packet for Rule 5M-1, F.A.C., (*Division of Agricultural Water Policy*) incorporating changes required by SB712 has been filed with the Department of State and the rule is final.
- FDACS has selected research projects and developed a research plan as well as a legislative budget request per the requirements of SB712. Funding needs for research plans have also been discussed in coordination with FDEP, particularly regarding water quality considerations. Selected projects will be implemented to improve research underlying BMP development and enhancement. Revised manuals (e.g., sod, cattle, citrus) are also being prepared for rule development in the near future.
- Notably, FDACS has a new series of informational videos to be added to the web, which will highlight the department's agricultural BMP program (covering what the program does and does not do, BMP manuals, etc.). Of the 14 total videos planned, 4 videos have been completed and are now available online at <https://www.fdacs.gov/Agriculture-Industry/Water/Agricultural-Best-Management-Practices>.
- FDACS continues to provide information to support targeted restoration/focus area assessments, including GIS shapefiles for agricultural land use, data on BMP program enrollment, and cost-share information as part of an ArcGIS Online Shared Application, which has been newly established. This will allow spatial data from the agencies and other sources to be housed together for leveraging information.
- FDACS has verified BMP implementation of over 60% of agricultural landowners within the NEEPP boundaries who are enrolled in the FDACS BMP program through an approved Notice of Intent to implement BMPs.
- FDACS continues to respond to the results of the enrollment mailout mandated by the recent amendment to the FDEP BMAPs. Over 2,000 additional parcels have been identified for enrollment under the FDACS BMP Program.
- To determine why enrollment of the final ~20% of the agricultural parcels has proven problematic, FDACS performed an analysis of unenrolled parcels. The results show that >40% of the unenrolled acres are on parcels that either do not contain agricultural activities or cannot be enrolled under current criteria for various other reasons. FDACS continues to engage FDEP and SFWMD in policy conversations about how to address these parcels and any potential water quality issues.

Attachment: 09\_NEEPP\_Update\_2021\_09\_GB\_sjo (5622 : Executive Director's Report - Drew Bartlett)

**TOTAL NUMBER OF AUTHORIZATIONS  
APPROVED BY THE EXECUTIVE DIRECTOR  
From: August 1, 2021 to August 31, 2021**

<b>Environmental Resource Permits</b>	<b>Total</b>
a. Conceptual Approvals	1
b. Conceptual Modifications	0
c. New Construction and Operation (C&O)	2
d. Modifications to Previously Approved C&O	0
e. Mitigation Banks / Offsite Mitigation Areas	0
f. Wetland Restoration Projects	0
	3
 <b>Water Use Permits</b>	
a. Renewals	0
b. Modifications	3
c. New Water Use	0
d. Master Dewatering	0
	3
ERP and Water Use Total =	6

**TABLE OF CONTENTS  
INDIVIDUAL PERMITS ISSUED BY  
AUTHORITY DELEGATED TO EXECUTIVE DIRECTOR  
FROM August 1, 2021 TO August 31, 2021**

<b>I PERMIT APPLICATIONS</b>	<b>PAGE NO.</b>
HENDRY COUNTY	2
LEE COUNTY	5
OSCEOLA COUNTY	7
ST LUCIE COUNTY	9

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1.	OLD FLORIDA RV PARK	APPL. NO.	210112-1
	SWJR LAND DEVELOPMENT LLC	PERMIT NO.	26-00076-W
	SEC 30,31 TWP 43S RGE 28E	ACREAGE:	160.00
		LAND USE:	AGRICULTURAL

PERMIT TYPE: WATER USE MODIFICATION

WATER SOURCE: ON-SITE LAKE(S) / POND(S), TOWNSEND CANAL

ALLOCATION: 26.91 MILLION GALLONS PER MONTH

LAST DATE FOR AGENCY ACTION: AUGUST 16, 2021

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2.	OLD FLORIDA RV RESORT	APPL. NO.	200731-3986
	SWJR LAND DEVELOPMENT, LLC	PERMIT NO.	26-103853-P
		ACREAGE:	168.14
		LAND USE:	AGRICULTURAL COMMERCIAL

PERMIT TYPE: ENVIRONMENTAL RESOURCE (NEW CONSTRUCTION/OPERATION)

LAST DATE FOR AGENCY ACTION: AUGUST 16, 2021

**Summary Report for Permit/Application Number(s): 26-00076-W/ 210112-1****Project Name:** OLD FLORIDA RV PARK**Project Summary:**

SWJR Development LLC is requesting a modification of their existing water use permit for a project known as Old Florida RV Park in Hendry County. The project is transitioning from citrus irrigation into a mixed-use residential development. The allocation is for 160 acres of citrus using a micro-sprinkler irrigation system with an annual allocation of 121.95 million gallons through December 31, 2021, and for landscape irrigation of 33.7 acres of turf using a sprinkler irrigation system with an annual allocation of 36.15 million gallons from January 1, 2022 through duration of this water use permit.

**Water Source:**

Townsend Canal for citrus irrigation and on-site lakes recharged with surface water from Townsend Canal for landscape irrigation in the mix-use residential development

**Annual Allocation:**

The annual allocation for the project is 121.95 million gallons from the date of permit issuance through December 31, 2021 and 36.15 million gallons from January 1, 2022 through duration of this water use permit.

**Project Description:**

Old Florida RV Park (Project) is an existing agricultural project located southwest of the intersection of Townsend Canal Road and State Road 80 in Hendry County, Florida. The Applicant has proposed to continue agricultural irrigation through December 31, 2021 until the start of a planned development of the site to a mixed-use residential development with landscape irrigation in accordance with the Environmental Resource Permit (ERP) 26-103853-P (Application 200731-3986).

**Impact Assessment:**

In order to provide reasonable assurances that the conditions for permit issuance are met, the Permittee provided a drawdown impact analysis using a groundwater model. The modeling data are consistent with the criteria for basic analytical impact assessments set forth in Subsection 3.1.2 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District. The purpose of the analysis was to simulate withdrawal of the maximum month allocation during a 1-in-10 year drought rainfall scenario. Based on the impact assessment submitted with the application, the use will not cause harm to water resource availability, wetlands, existing legal users, and existing off-site land uses or result in the migration of saline water or pollution.

**Permit Duration:**

Five years as requested by the permittee.

**Additional Information:**

Primary withdrawals for citrus irrigation are from Townsend Canal, via one existing withdrawal facility whereas the primary source of irrigation water for landscape will be surface water from the proposed on-site lakes system. The Project will recharge the on-site lakes with an equal amount of surface water from the Townsend Canal. Withdrawals from surface water source(s) for irrigation shall be equal to the amount of water used for replacement/recharge on a monthly basis (for example, the volume of water withdrawn from the on-site lakes system must be the same volume of water put into the lake), except when the surface water drainage system is discharging. The replacement of canal water into the on-site lakes system is for water quality treatment or supplementation and not for the artificial maintenance of the on-site lakes system.



### Project Summary

This Environmental Resource Permit authorizes Construction and Operation of a stormwater management (SWM) system serving a 168.14-acre commercial development known as Old Florida RV Resort, located in Hendry County, Florida. The project includes construction of approximately 432 recreational vehicle (RV) lots, 6 cabins, a welcome center with sports courts, a community amenity center, an open storage lot, 10 acres of land clearing for future development, driveways, parking areas, utilities, and a wet detention SWM system with pretreatment provided in dry detention areas. Water and wastewater services will be provided by the City of LaBelle Utilities.

### Water Quality

The design includes a site-specific pollutant loading analysis for nutrients and an additional 50% water quality treatment volume above the amounts required pursuant to Section 4.2.1, Volume II, as reasonable assurances that the project's discharge will not cause or contribute to violations of State water quality standards. The project provides 30.83 ac-ft of water quality treatment.

Issuance of this permit constitutes certification of compliance with state water quality standards in accordance with Rule 62-330.062, F.A.C.

### Water Quantity

The project's peak discharge for the 25-year, 3-day design storm event is within the allowable limit based on 30.1 CSM (0.047 cfs/acre) for the Caloosahatchee River Drainage Basin (C-43), per the Lee County Surface Water Management Plan of June 1991.

### Receiving Waterbody

The project discharges to the Caloosahatchee River (C-43) via an unnamed ditch which crosses under State Road 80 in the West Caloosahatchee Basin.

### Wetlands and Other Surface Waters

There are no wetlands within the project site. The property mainly consists of a citrus grove with approximately 4.52-acres of agricultural ditches (other surface waters). The project will result in 4.52 acres of other surface waters impacts. Mitigation is not required for the other surface water impacts, pursuant to Section 10.2.2.2 of the Applicant's Handbook, Volume 1.

### Mitigation and Monitoring Plan

Mitigation is not required for this project. There is no net loss of wetland or other surface water functional value, pursuant to Section 10.2.2.2 of Volume I.

### Fish, Wildlife, and Listed Species

A listed species survey was performed in May of 2020. The survey indicated that there are no listed wildlife on site and that the project does not contain significant habitat for wetland dependent endangered or threatened wildlife species, or species of special concern. A portion of the site is located within secondary panther habitat. The District received comments and recommendations from the Florida Fish and Wildlife Conservation Commission (FWC) dated September 4th, 2020, regarding listed species such as the Florida Panther as well as the Florida Black Bear. The applicant will be following the recommendations of FWC, and is also coordinating with the U.S. Fish and Wildlife Service (USFWS) regarding listed species. The applicant shall disseminate information to residents regarding living with panthers and bears, shall implement measures to avoid human-wildlife interactions, and shall conduct additional pre-construction surveys within 60 days of the start of construction for the Big Cypress fox squirrel and Bonneted Bat. Pursuant to Section 10.2.2 of the Applicant's Handbook, Volume 1, there is reasonable assurance that the proposed project will not impact the values of wetland and other surface water functions so as to cause adverse impacts to the abundance, diversity, or habitat of fish, wildlife and listed species.

### Additional Information:

The site is located in Hendry County, Section 30 South, Township 43 East, Range 28. The property is situated on the south side of State Road 80, west of the Townsend Canal Road.

Supporting documents for this ERP Application are filed in the ePermitting system under App. No. 200731-3986



1. CITY OF CAPE CORAL IRRIGATION  
CITY OF CAPE CORAL  
SEC 7,12,13,17-21,18,23-26,25-29,29-32, 31-36  
TWP 43S RGE 23,42E  
APPL. NO. 191015-11  
PERMIT NO. 36-00998-W  
ACREAGE: 11603.00  
LAND USE: LANDSCAPE  
PERMIT TYPE: WATER USE MODIFICATION  
WATER SOURCE: FLORIDAN AQUIFER SYSTEM,CAPE CORAL FRESHWATER CANAL SYSTEM,OFF-SITE  
LAKE(S)  
ALLOCATION: 2002.59 MILLION GALLONS PER MONTH  
LAST DATE FOR AGENCY ACTION: AUGUST 25, 2021

Attachment: IP Issued by the ED report for August 2021 (5622 : Executive Director's Report - Drew Bartlett)

**Summary Report for Application Number: 191015-11, Project Name: CITY OF CAPE CORAL  
IRRIGATION Default Date: 8/25/2021**

**Project Summary:**

The City of Cape Coral is requesting to modify their water use permit for a project known as City of Cape Coral Irrigation in Lee County. The use is for withdrawals from the freshwater canal system to supplement the reclaimed water supply for irrigation and surface water from an off-site mine pit. The modification includes the addition of surface water from an off-site mine pit (permitted by the Southwest Florida Water Management District [SWFWMD]) during the dry season and a slight reduction in the project's irrigated acreage. There is no change in the permit allocation or duration.

**Water Source:**

Cape Coral Freshwater Canal System (FCS), Off-Site Lakes, and Floridan Aquifer System (for future ASR use)

**Annual Allocation:**

The annual allocation for the project is 14,902 million gallons.

**Project Description:**

The City of Cape Coral is an existing public water supply utility that provides reclaimed water for irrigation to customers within the service area in northwestern Lee County. The FCS provides supplemental water to the reclaimed water system.

**Impact Assessment:**

In order to provide reasonable assurances that the conditions for permit issuance are met, the permittee provided historic monitoring and operational data consistent with the criteria set forth in Subsection 3.1.1 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District. The purpose of the analysis was to determine that the withdrawal of the maximum month allocation occurred during a 1-in-10 year drought rainfall scenario. Based on the impact assessment submitted with the application, the use will not cause harm to water resource availability, wetlands, existing legal users, and existing off-site land uses or result in the migration of saline water or pollution.

**Permit Duration:**

The permit will retain the current expiration date of March 8, 2026.

**Additional Information:**

The Permittee obtained a water use permit from the SWFWMD for withdrawals from the Southwest Aggregate Mining Reservoir (SAMR) in Charlotte County. A memorandum of understanding between the SWFWMD and SFWMD was executed for the transfer of water on December 17, 2019. The SAMR water is presently conveyed using the swales along US-41, but a pipeline is under design and will be constructed to carry the water approximately three miles to the FCS. The SAMR water will supplement the FCS in the dry season to assist with maintenance of minimum operating water levels in the FCS, which are required to prevent saline water intrusion and pump cavitation.

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1.	EDGEWATER PHASE ED4	APPL. NO.	210614-6499
	EDGEWATER PROPERTY FLORIDA HOLDINGS III, LLC	PERMIT NO.	49-105590-P
		ACREAGE:	225.83
		LAND USE:	RESIDENTIAL
			TRANSPORTATION

PERMIT TYPE: ENVIRONMENTAL RESOURCE (NEW CONSTRUCTION/OPERATION)

LAST DATE FOR AGENCY ACTION: OCTOBER 3, 2021

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**Summary Report for Application Number: 210614-6499 | Project Name: Edgewater Phase ED4**  
**Default date: 9/03/2021**

**Project Summary**

This Environmental Resource Permit authorizes Construction of a stormwater management (SWM) system serving 225.83 acres of residential development known as Edgewater Phase ED4, located in Osceola County, Florida.

**Water Quality**

The project design includes a site-specific pollutant loading analysis and an additional 50% water quality treatment volume above the amounts required pursuant to Section 4.2.1, Volume II, as reasonable assurances that the projects discharge will not cause or contribute to violations of State water quality standards. The proposed SWM provides 38.46 ac-ft of water quality treatment. See Exhibit No. 2.2 for Water Quality information.

Issuance of this permit constitutes certification of compliance with state water quality standards in accordance with Rule 62-330.062, F.A.C.

**Water Quantity**

The project discharge for the 25-year, 3-day design storm event is within the allowable limit, based on a pre- vs. post-development discharge rate analysis. The project reduces the post-development peak discharge rate from 0.65 cfs per acre, to 0.47 cfs per acre (Section 3.3.2, Applicant's Handbook Volume II).

**Receiving Waterbody**

The project discharges into waters of Lake Tohopekaliga, through an Osceola County WPA (Work Projects Administration) Canal.

**Wetlands and Other Surface Waters**

The project will result in 39.17 acres of direct wetland impacts and 2.23 acres of secondary wetland impacts. Most of the proposed wetland impacts will be to low functioning pasture wetlands and altered forested wetlands, both having little ecological value, as established by the criteria set forth in Section 10.2.2.3 of the Applicant's Handbook Volume I.

**Mitigation and Monitoring Plan**

To mitigate for the wetland impacts, the applicant will buy mitigation bank credits from Southport Ranch, Hatchineh Ranch, and Bullfrog Bay mitigation banks. The amount of credits purchased from each bank are as follows: 9.32 forested credits from Southport Ranch Mitigation Bank, 6.33 forested credits from Hatchineha Ranch Mitigation Bank, and 5.14 herbaceous credits from Bullfrog Bay mitigation Bank. The amount of required mitigation was determined using the Uniform Mitigation Assessment Method in Chapter 62-345, F.A.C. The proposed mitigation will provide greater long-term ecological value than the wetland areas proposed for impact (Section 10.2.1.2, Applicant's Handbook Volume I). There are no net loss of wetlands or other surface water functional values associated with the proposed project (Section 10.3.3.1, Applicant's Handbook Volume I).

**Fish, Wildlife, and Listed Species**

The on-site wetlands have the potential to provide habitat for a variety of wetland-dependent species including the bald eagle, Florida bonneted bat, wood stork, and the Florida sandhill crane. A bald eagle nest exists 500 feet north of the project site, and the applicant has initiated consultation with the U.S. Fish and Wildlife Service (USFWS). Should the eagle nest become active during construction, the applicant will monitor the nest, following the USFWS Bald Eagle Monitoring Guidelines.

**Additional Information:**

The project is located west of the Florida Turnpike, south of Clay Whaley Road, and north of the WPA canal in Osceola County, Florida

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1.	LTC RANCH WEST	APPL. NO.	201009-4441
	MIDWAY GLADES DEVELOPERS, LLC	PERMIT NO.	56-104212-P
		ACREAGE:	1955.83
		LAND USE:	RESIDENTIAL COMMERCIAL

PERMIT TYPE: ENVIRONMENTAL RESOURCE (CONCEPTUAL APPROVAL)

LAST DATE FOR AGENCY ACTION: SEPTEMBER 18, 2021

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2.	VERANO POD G-2, POD G APARTMENTS AND CASITAS	APPL. NO.	210521-2
	VERANO DEVELOPMENT LLC	PERMIT NO.	56-03576-W
	SEC 4,5,32,33 TWP 36,37S RGE 39E	ACREAGE:	52.93
		LAND USE:	LANDSCAPE

PERMIT TYPE: WATER USE MODIFICATION

WATER SOURCE: ON-SITE LAKE(S)

ALLOCATION: 54.08 MILLION GALLONS PER MONTH

LAST DATE FOR AGENCY ACTION: OCTOBER 11, 2021

**Summary Report for Application Number: 201009-4441, Project Name: LTC Ranch West**  
**Default Date: 09/18/21**

- **Project Summary**

This Environmental Resource Permit (ERP) authorizes Conceptual Approval of a stormwater management (SWM) system serving 1,955.83 acres of mixed-use development known as LTC Ranch West located in St. Lucie County.

- **Water Quality**

The project is located within a watershed identified by the Florida Department of Environmental Protection as impaired for nutrients; therefore, the design includes a site-specific pollutant loading analysis and an additional 50% water quality treatment volume above the amounts required pursuant to Section 4.2.1, Volume II, as reasonable assurances that the projects discharge will not cause or contribute to violations of State water quality standards. The project provides 244.48 ac-ft of water quality treatment.

Issuance of this permit constitutes certification of compliance with state water quality standards in accordance with Rule 62-330.062, FAC.

- **Water Quantity**

The total project discharge of 141.88 cfs for the 10-year, 3-day design storm event to the City of Port St. Lucie's C-104, -105, -106 and -107 canals is within the allowable limit for the area of 164.35 cfs based on the City of Port St. Lucie North Drainage Basin Study (Permit No. 56-00466-S).

- **Receiving Waterbody**

The project discharges to the City of Port St. Lucie's C-104, -105, -106 and -107 canals and ultimately to the North Fork of the St. Lucie.

- **Wetlands and Other Surface Waters**

The project will result in 8.19 acres of direct wetland impacts and 12.6 acres of work in other surface water (various ditches and two reservoirs). The remaining wetlands and other surface waters will remain unimpacted onsite with no major impacts proposed as part of construction activities.

- **Mitigation**

To mitigate for wetland impacts, the applicant will purchase freshwater forested credits from Bluefield Ranch Mitigation Bank. At the time of application for construction of future phases that include wetland impacts, the permittee shall provide documentation that the required number of credits have been reserved for purchase by the applicant from the Bluefield Ranch Mitigation Bank. There is no net loss of wetland or other surface water functional value associated with the proposed project (Section 10.3.3.1, Vol I, AH).

- **Fish, Wildlife, and Listed Species**

The wetlands or surface waters to be impacted may provide habitat for wetland-dependent species. The proposed mitigation will provide or improve habitat for wetland-dependent and aquatic species. No aquatic or wetland-dependent listed species or species having special protection were observed to be using the uplands within the project for nesting or denning. This permit does not relieve the applicant from complying with all applicable rules and any other agencies' requirements if, in the future, endangered or threatened species or species of special concern are discovered on the site. Therefore, there is reasonable assurance that the proposed project will not impact the values of wetland and other surface water functions so as to cause adverse impacts to the abundance, diversity, or habitat of fish, wildlife and listed species (Section 10.2.2, Vol 1, AH).

- **Additional Information:**

The project site is located south of W. Midway Rd, west of I-95, in Port St. Lucie. The project site is currently used for row crops and cattle operations.

**Summary Report for Application Number: 210521-2****Project Name:** VERANO POD G-2, POD G APARTMENTS AND CASITAS**Default Date:** 11-OCT-2021**Project Summary:**

Verano Development, LLC is requesting a modification to the Water Use Permit 56-03576-W for a project known as Verano PODs G-2, POD G Apartments and Casitas in St. Lucie County. The allocation is for landscape irrigation of 331.63 acres of turf. The project proposes an increase in maximum month and annual allocations from 45.45 million gallons (MG) and 307.40 MG to 54.08 MG and 365.78 MG, respectively due to an increase in irrigated acreage from 278.70 to 331.63 acres.

**Water Source:**

On-site lake system

**Annual Allocation:**

The annual allocation for the project is 365.78 million gallons.

**Project Description:**

Verano PODs G-2, POD G Apartments and Casitas is a partially developed residential community located in St. Lucie county, approximately 3,300 feet southeast of the intersection of Glades Cut-off Road and the District C-24 Canal.

**Impact Assessment:**

In order to provide reasonable assurances that the conditions for permit issuance are met, the Permittee provided a drawdown impact analysis using a groundwater model. The modeling data are consistent with the criteria for basic analytical impact assessments set forth in Subsection 3.1.2 of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District. The purpose of the analysis was to simulate withdrawal of the maximum month allocation during a 1-in-10 year drought rainfall scenario. Based on the impact assessment submitted with the application, the use will not cause harm to water resource availability, wetlands, existing legal users, and existing off-site land uses or result in the migration of saline water or pollution.

**Permit Duration:**

5 years

**Additional Information:**

Primary withdrawals are from the interconnected on-site lake system, via three existing and two proposed surface water withdrawal facilities. The use of surface water from the interconnected on-site lake system is expected to be temporary until the use of reclaimed water can be provided to the Project.

## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Stephen M. Collins, Division Director, Real Estate

**DATE:** September 09, 2021

**SUBJECT:** A. Land Acquisition

**Agenda Item Background:**

The District, as local sponsor for the United States Army Corps of Engineers (Corps), has agreed to acquire the lands needed to complete the Fakahatchee Strand State Preserve Component of the Picayune Strand Restoration Project (Project), pursuant to the Project Partnership Agreement by and between the District and Corps, dated August 13, 2009 (PPA), as amended by the 2015 Limited Reevaluation Report (LLR). A map of the Project boundary and Tracts to be acquired is attached hereto as Exhibit "A." Subject to Governing Board approval, the District has agreed to purchase three tracts at appraised value. The properties are identified as Tracts SG100-032, SG100-005 and SG100-021 containing approximately 2.5 acres, 1.25 acres and 2.5 acres, and will be acquired at a cost of \$57,500, \$42,500 and \$57,500, respectively.

**Core Mission and Strategic Priorities:**

The Picayune Strand Restoration Project will restore freshwater wetlands, improve estuarine water quality by increasing groundwater recharge, reduce large and unnatural freshwater inflows, and restore and enhance habitat for fish and wildlife, including threatened and endangered species. The Project is a Comprehensive Everglades Restoration Project (CERP) and is included in the District's Five-Year Plan of Acquisition.

**Funding Source:**

All costs associated with the acquisition of the Tract herein described will be funded from the Land Acquisition Trust Fund and/or the Florida Forever Surplus funds.

**Staff Contact and/or Presenter:**

Stephen M. Collins, smcollins@sfwmd.gov, 561-682-2959



# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0901**

**A Resolution of the Governing Board of the South Florida Water Management District to approve the acquisition of land interests in three parcels containing 2.5 acres, 1.25 acres, and 2.5 acres, more or less, located in the Picayune Strand Restoration Project, Fakahatchee Strand State Preserve Component, in Collier County, in the amount of \$57,500, \$42,500 and \$57,500, respectively, plus associated costs, for which dedicated funds (Land Acquisition Trust Fund and/or Florida Forever Surplus funds) are budgeted; providing an effective date.**

**WHEREAS**, the Picayune Strand Restoration Project (Project) was authorized by Section 1001(15) of the Water Resource Development Act of 2007, Public Law 110-114, and is a Comprehensive Everglades Restoration Plan Project; and

**WHEREAS**, the primary objective of the Project is to restore freshwater wetlands, increase groundwater recharge and storage, reduce large and unnatural freshwater inflows, reestablish natural plant distribution and composition, and restore and enhance habitat for fish and wildlife, including threatened and endangered species; and

**WHEREAS**, the District, as local sponsor pursuant to Section 373.1501, Florida Statutes, and the United States Army Corps of Engineers (Corps) entered into a Project Partnership Agreement (PPA) regarding the Project on August 13, 2009, as amended in 2015 by the Limited Reevaluation Report (LRR), wherein the District agreed to acquire all of the remaining land interest necessary to complete the Project; and

**WHEREAS**, the District desires to purchase land interests containing 2.5 acres, 1.25 acres, and 2.5 acres, more or less, for the Project in Collier County, as shown on the location map Exhibit "A," attached hereto and made a part hereof, in the amount of \$57,500, \$42,500 and \$57,500, respectively; and

**WHEREAS**, the South Florida Water Management District is authorized to acquire land, or interests or rights in land, pursuant to Section 373.139, Florida Statutes.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby approves the acquisition of land interests, containing 2.5 acres, 1.25 acres and 2.5 acres, more or less, respectively, identified in the attached Exhibit "A." in the Fakahatchee Strand State Preserve Component of the Picayune Strand Restoration Project, at a cost of \$57,500, \$42,500 and \$57,500, respectively, for which dedicated funds (Land Acquisition Trust Fund and/or Florida Forever Surplus funds) are budgeted as follows:

<b>Owners</b>	<b>Tract Nos.</b>	<b>Interest</b>	<b>Acres</b>	<b>Appraised Value</b>	<b>Purchase Price</b>
Irma L. Yatros	SG100-021	Fee	2.5	\$57,500	\$57,500

D. Diane Wilson, Gayles Souder, David Souder and Jeanette T. Souder	SG100-005	Fee	1.25	\$42,500	\$42,500
Judy Harmon	SG100-032	Fee	2.5	\$57,500	\$57,500
<b>TOTALS</b>			<b>6.25</b>		<b>\$157,500</b>

**Budgeted:**

Amount	Fund	Fund Center	Functional Area	GL	Account Description
\$157,500	425000/ 404100	3510144000	P130	580020	Acquisition

**Section 2.** The Governing Board of the South Florida Water Management District hereby authorizes the Chair or Vice Chair to execute the Agreement for Sale and Purchase, and further authorizes the Executive Director or his designee to make any determinations in connection with the transaction and execute all other documents necessary to consummate this transaction.

**Section 3.** This Resolution shall take effect immediately upon adoption.

**PASSED** and **ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

\_\_\_\_\_  
District Clerk/Secretary

Legal form approved:  
By:

\_\_\_\_\_  
Office of Counsel

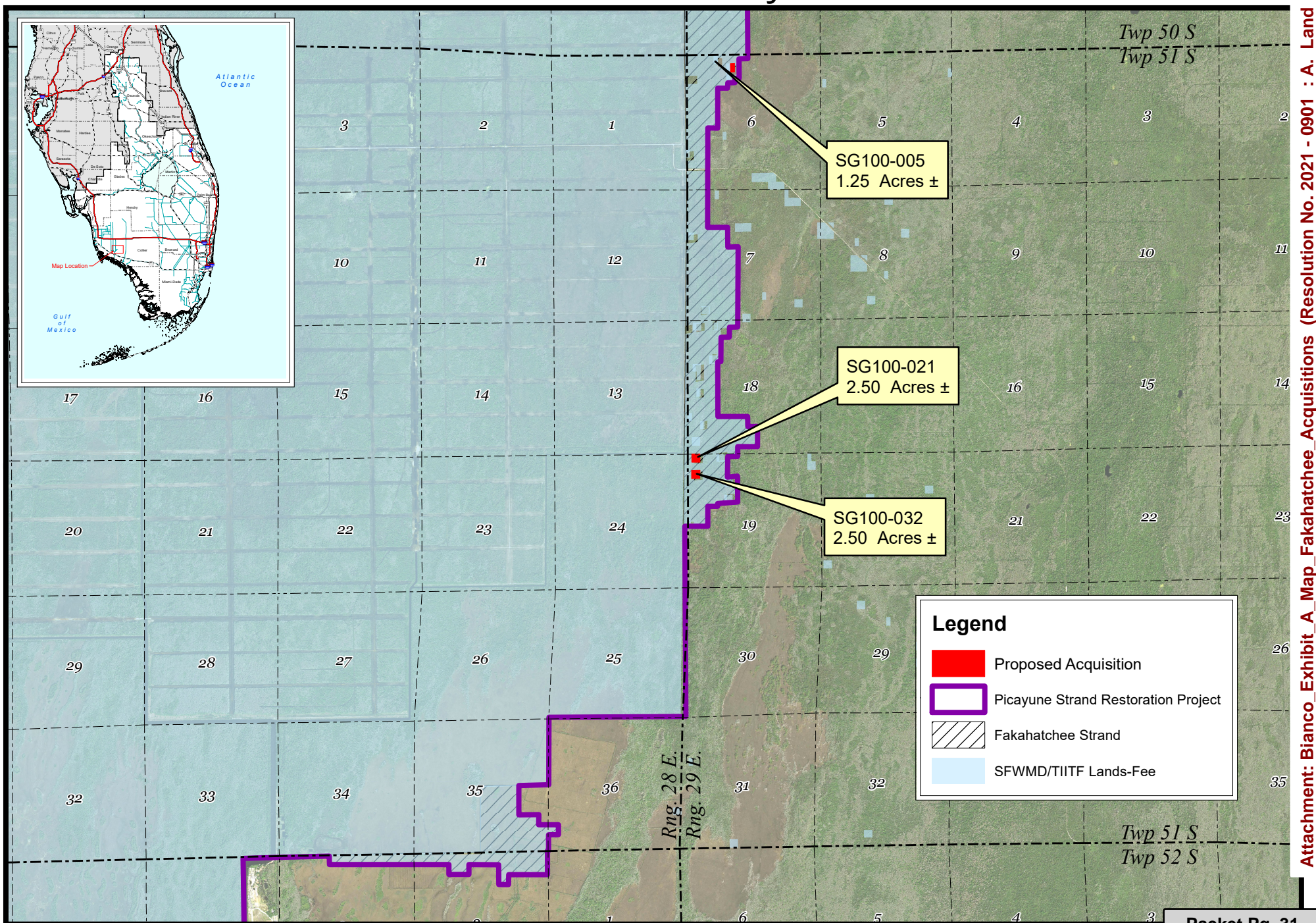
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# Picayune Strand - Fakahatchee Strand Restoration Project Collier County

a

Exhibit "A"



Attachment: Bianco\_Exhibit\_A\_Map\_Fakahatchee\_Acquisitions (Resolution No. 2021 - 0901 : A. Land

Packet Pg. 31



## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Stephen M. Collins, Division Director, Real Estate

**DATE:** September 09, 2021

**SUBJECT:** B. Release of Funds

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0902**

**A Resolution of the Governing Board of the South Florida Water Management District advising the Florida Department of Environmental Protection of the proposed acquisition of three parcels containing a total of 6.25 acres, more or less, for the Picayune Strand Restoration Project, Fakahatchee Strand State Preserve Component, in Collier County, and requesting the release of funds from the Land Acquisition Trust Fund and/or usage of Florida Forever Surplus funds for acquisition of such land interests, together with associated costs; providing an effective date.**

**WHEREAS**, the Picayune Strand Restoration Project (Project) is a Comprehensive Everglades Restoration Plan (CERP) project, authorized by Section 1001(15) of the Water Resources Development Act of 2007, Public Law 110-114; and

**WHEREAS**, the South Florida Water Management District (District), as local sponsor for the U. S. Army Corps of Engineers, has an active program underway to acquire land interests in the Fakahatchee Strand State Preserve Component of the Project; and,

**WHEREAS**, pursuant to Section 373.139(3)(c) Florida Statutes, the District is required to submit a resolution to the Florida Department of Environmental Protection when requesting funds from a trust fund, including the Land Acquisition Trust Fund; and

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** It does hereby advise the Secretary of the Florida Department of Environmental Protection of its intent to acquire fee simple title to Tracts SG100-032, SG100-005 and SG100-021 (Tracts) at a cost of \$57,500, \$42,500 and \$57,500, respectively, and containing 2.5 acres, 1.25 acres and 2.5 acres, more or less, respectively, in Collier County, Florida, for the Picayune Strand Restoration Project, Fakahatchee Strand State Preserve Component. The District has a contract to acquire the Tracts. The Tracts are shown on the map attached hereto and made a part hereof as Exhibit "A."

**Section 2.** The purchase prices of each of the Tracts are equal to the appraised value based on the certified appraisal used to determine the value of the land interests to be purchased, taking into account the value of improvements, non-cash considerations, defects in title or outstanding interests.

**Section 3.** The lands being acquired have been reviewed for the presence of State Sovereign submerged lands and the District has taken reasonable measures to avoid paying for sovereign lands.

**Section 4.** This request for funds is consistent with the District's Five-Year Plan of acquisition for the South Florida Water Management District Florida Forever Work Plan, as contained in Chapter 6A, Volume II of the South Florida Environmental Report, which has been filed with the Legislature and the Florida

Department of Environmental Protection, and is consistent with Sections 373.139 and 373.470, Florida Statutes, as applicable.

**Section 5.**

Acquisition of this land furthers the following Florida Forever goals set forth in Section 259.105(4), Florida Statutes:

- (a) Enhance the coordination and completion of land acquisition projects as measured by:
  - 3. The number of shared acquisition projects among Florida Forever funding partners and partners with other funding sources including local governments and the federal government.
- (c) Protect, restore and maintain the quality and natural functions of land, water and wetland systems of the state, as measured by:
  - 1. The number of acres publicly owned land identified as needing restoration, acres undergoing restoration, enhancement and management, acres with restoration activities completed, and acres managed to maintain such restored or enhanced conditions; the number of acres which represent actual or potential imperiled species habitat; the number of acres which are available pursuant to a management plan to restore, enhance, repopulate, and manage imperiled species habitat; and the number of acres of imperiled species habitat managed, restored, enhance, repopulated, or acquired;
  - 4. The number of acres acquired that protect natural floodplain functions; and
  - 6. The number of acres identified for acquisition to minimize damage from flooding and the percentage of those acres acquired.
- (d) Ensure that sufficient quantities of water are available to meet the current and future needs of natural systems and the citizens of the state, as measured by:
  - 2. The quantity of water made available through the water resource development component of a district water supply plan for which a water management district is responsible.
- (e) Increase natural resource-based public recreational and educational opportunities, as measured by:
  - 1. The number of acres acquired that are available for natural resource-based public recreation or education;
  - 2. The miles of trails that are available for public recreation, giving priority to those that provide significant connections including those that will assist in completing the Florida National Scenic Trail; and

3. The number of new resource-based recreation facilities, by type, made available on public land.

**Section 6.** The funds requested shall be used only for the acquisition costs and associated costs incurred during the process of acquiring the described land interests.

**Section 7.** The land interests being acquired shall be maintained in an environmentally acceptable manner.

**Section 8.** Should the District dispose of any or all of the interests acquired hereunder, all revenues derived therefrom will be used to acquire other lands for water management, water supply and the conservation and protection of water resources, within the boundaries of a CERP project.

**Section 9.** A Phase 1 environmental assessment of the property was conducted in July 2021 and no obvious environmental concerns were observed. Any environmental concerns discovered shall be remediated, as necessary, and any risks will be borne by the District.

**Section 10.** The lands shall be managed for multiple-use purposes, including recreational uses, where compatible with the resource values of and management objectives for such lands as set forth in Section 259.105(5), Florida Statutes.

**Section 11.** The Executive Director, or designee, is hereby authorized to request the release of funds for all acquisition costs, associated costs and expenses for the land interests identified in this Resolution.

**Section 12.** The Resolution to approve the acquisition of these land interests was approved by the Governing Board of the District on September 9, 2021.

**Section 13.** The District will utilize funds from the Land Acquisition Trust Fund and/or Florida Forever Surplus funds.

**Section 14.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** on this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

---

Chauncey P. Goss, II  
Chairman

Attest:

---

District Clerk/Secretary

Legal form approved:  
By:

---

Office of Counsel

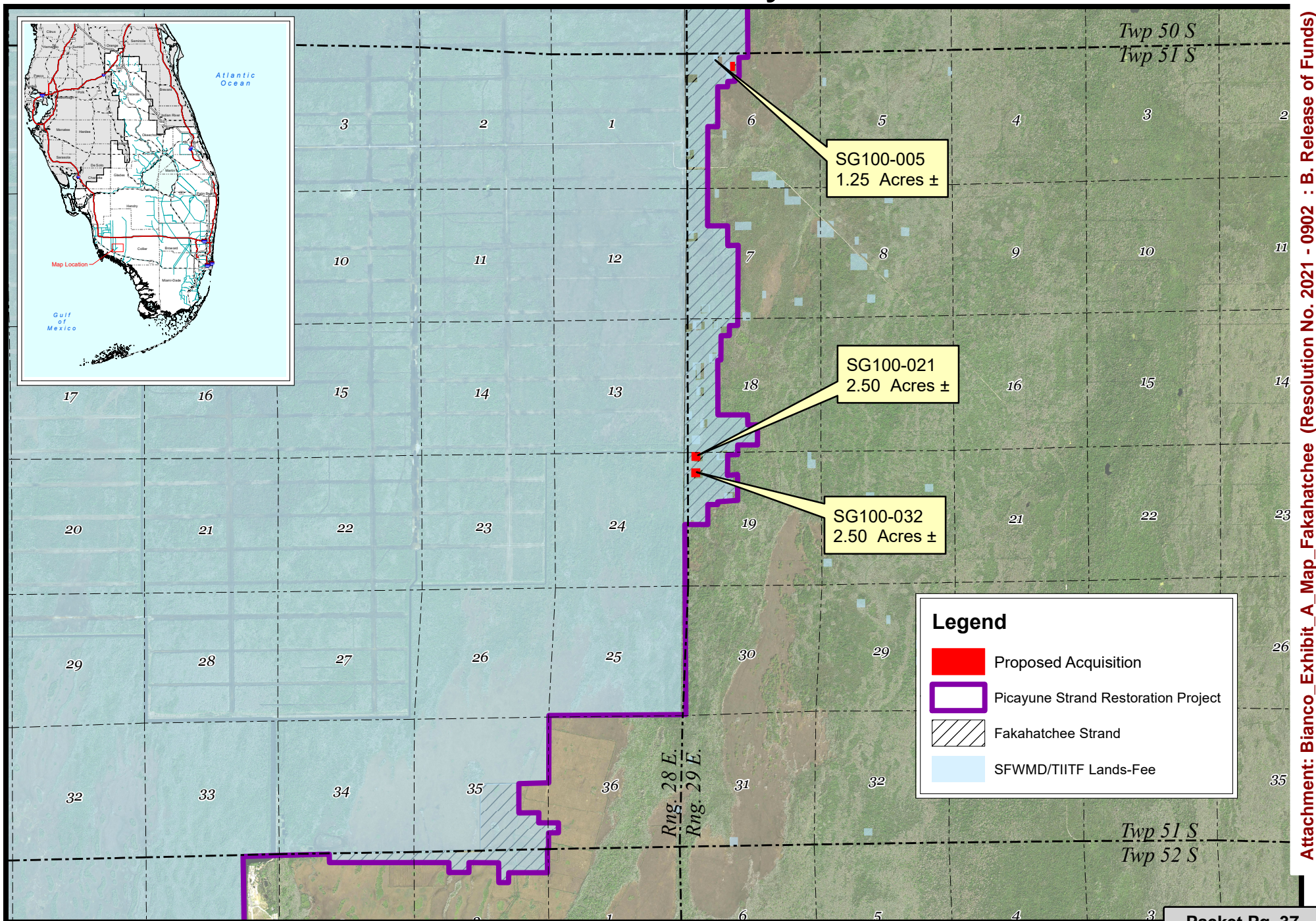
Print name:



# Picayune Strand - Fakahatchee Strand Restoration Project Collier County

a

Exhibit "A"



Attachment: Bianco\_Exhibit\_A\_Map\_Fakahatchee (Resolution No. 2021 - 0902 : B. Release of Funds)

Packet Pg. 37



**MEMORANDUM**

**TO:** Governing Board Members

**FROM:** Stephen M. Collins, Division Director, Real Estate

**DATE:** September 09, 2021

**SUBJECT:** Temporary Construction Easement, Miami-Dade County

**Agenda Item Background:**

Operations and Maintenance is currently identifying certain culverts in need of replacement and has determined that PC-14 in the C-103 right of way needs to be replaced. Due to the location of PC-14, additional land for staging and access is required.

The adjacent landowner has agreed to grant the District a Temporary Construction Easement for one year over a portion of their property located in Section 5, Township 57 South, Range 39 East, at no cost. The location of the staging area and access route is shown in the attached Exhibit "A." The current use of the property is a nursery and tree farm in Homestead. The landowner has previously granted a one-year Right of Entry to the District to allow District staff and its contractors to access the culvert site for investigations, also at no cost.

The Temporary Construction Easement will allow the District to stage and store equipment and materials; install and maintain a gate, chain link fencing and privacy screening to secure the site; clear and remove trees, shrubs and plantings; and access the culvert site. The landowner has requested to be paid \$8,000 to compensate for any removed trees and vegetation, which will not be replaced by the District.

**Funding Source:**

The \$8,000 fee and any costs associated with the acquisition of this Temporary Construction Easement will be funded from Ad Valorem funds to be budgeted for the Capital Program for Fiscal Year 2021-2022.

**Staff Contact and/or Presenter:**

Stephen M. Collins, smcollins@sfwmd.gov, 561-682-2959

## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

### Resolution No. 2021 - 0903

**A Resolution of the Governing Board of the South Florida Water Management District to acquire a Temporary Construction Easement containing 0.362 acre, more or less, for the Replacement of PC-14 located in the C-103 Right of Way in Section 5, Township 57 South, Range 39 East, Miami-Dade County, and compensate the landowner for removed trees and vegetation in the amount of \$8,000, plus associated costs, for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget; providing an effective date.**

**WHEREAS**, the South Florida Water Management District is currently replacing certain culverts and has determined that culvert PC-14 located within the C-103 right of way needs to be replaced; and

**WHEREAS**, due to the location of said culvert, the District is not able to access the culvert site with heavy equipment, and does not have sufficient right of way for staging and storage of equipment; and

**WHEREAS**, the District has requested a Temporary Construction Easement containing 0.362 acre, more or less, as shown on the location map Exhibit "A," attached hereto and made a part hereof, located in Section 5, Township 57 South, Range 39 East, from the adjacent landowner and has agreed to compensate said landowner \$8,000 for removed trees and vegetation; and

**WHEREAS**, the South Florida Water Management District is authorized to acquire land, or interests or rights in land, pursuant to Section 373.139, Florida Statutes.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby approves the acquisition of land interests containing 0.362 acre, more or less, at no cost, identified in the attached Exhibit "A," for the PC Replacement Project, specifically for the replacement of PC-14, and agrees to pay the landowner \$8,000 for removed vegetation and trees, plus any associated costs paid by the District, for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget:

Owner	Tract No.	Interest	Cost
Sergio Yony and Ofelia Yony	BET3475	Temporary Construction Easement	\$ 0
		Trees and Vegetation	\$ 8,000

Amount	Fund	Fund Center	Functional Area	Account Description
\$8,000	202000	5613222000	CA03	Ad Valorem

**Section 2.** The Governing Board of the South Florida Water Management District hereby authorizes the Executive Director or his designee to make any determinations in connection with the transaction and execute all other documents necessary to consummate this transaction.

**Section 3.** This Resolution shall take effect immediately upon adoption.

**PASSED** and **ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

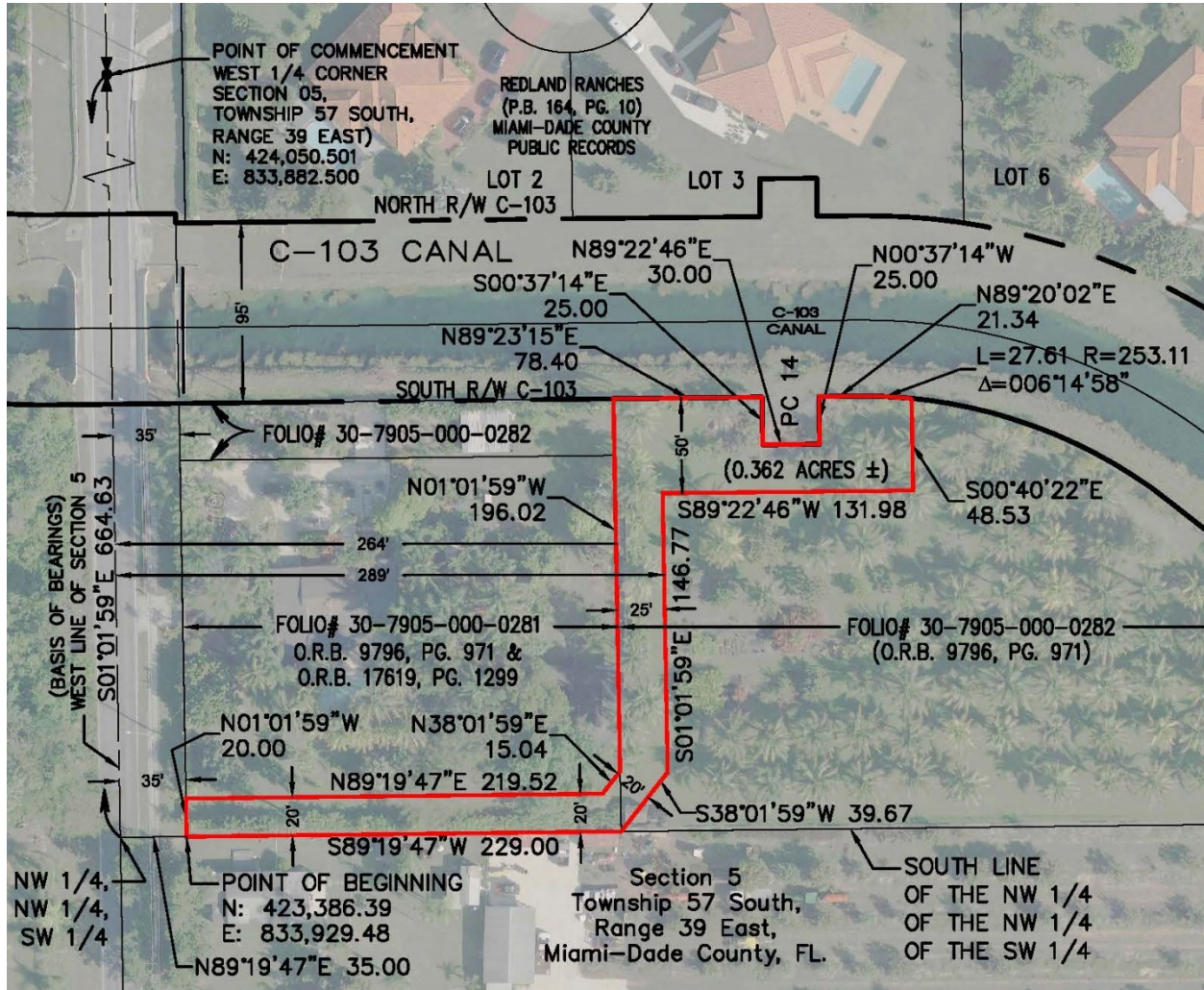
Legal form approved:  
By:

\_\_\_\_\_  
District Clerk/Secretary

\_\_\_\_\_  
Office of Counsel

Print name:  
  
\_\_\_\_\_

## EXHIBIT "A"



**MEMORANDUM**

**TO:** Governing Board Members

**FROM:** Stephen M. Collins, Division Director, Real Estate

**DATE:** September 09, 2021

**SUBJECT:** Release of Reservations

**Agenda Item Background:**

The District has certain reserved rights to construct canal and road right of ways. Applications requesting release of these reservations are received as they constitute a defect on title which must be resolved prior to a property sale, especially when financing is involved. Applications are reviewed to determine if there is a present or future need. If it has been determined there is no present or future need, staff recommend that the reservations are released for payment of a value equal to one percent of the appraised value of the land on the Property Appraiser's website in the County where the property is located. It has been determined that there is no present or future need for the reservations listed below.

**Staff Recommendation:**

Staff recommends approval of the following:

**Broward County**

- Release District canal and road reservations for WTLG, LLC. (File No. 18875) for 2.67+/- acres; release value of \$7,288.90 was paid on 7/13/2021

See Memorandum Exhibit "A" and maps attached hereto and made a part hereof, which contain the details and location of the release to be issued.

**Core Mission and Strategic Priorities:**

Pursuant to Section 373.096 of the Florida Statutes, the Governing Board of the District may release any reservation for which it has no present or apparent use under terms and conditions determined by the Board.

**Staff Contact and/or Presenter:**

Stephen M. Collins, smcollins@sfwmd.gov, 561-682-2959

# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

## Resolution No. 2021 - 0904

**A Resolution of the Governing Board of the South Florida Water Management District to release District canal and road reservations; providing an effective date.**

**WHEREAS**, the applicant has requested that the South Florida Water Management District release certain District canal and road reservations; and

**WHEREAS**, the District is empowered to grant such release pursuant to Section 373.096, Florida Statutes.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby approves the release of District canal and road reservations, as described in Resolution Exhibit "A" attached hereto and made a part hereof.

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

Legal form approved:  
By:

\_\_\_\_\_  
District Clerk/Secretary

\_\_\_\_\_  
Office of Counsel

Print name:  
\_\_\_\_\_

**MEMORANDUM – EXHIBIT “A”****Broward County**

File No: 18875  
Applicant: WTLG, LLC., a Florida limited liability company  
Reserving Deed: E-1472 (DB 458-489, 8/21/1944)  
Application Fee Paid: \$250  
Release Value: \$7,288.90 (paid on 7/13/2021)  
Action: Release District canal and road reservations  
Acres: 2.67 acres, more or less  
Legal Description: Lots 1, 2, 3, and 6 through 12, and the East ½ of Lot 13, SUMTER'S  
ADDITION TO TOWN OF POMPANO FIRST ADDITION, PB 10-67,  
Section 35, Township 48 South, Range 42 East  
Location: NW 8<sup>th</sup> Street, Pompano Beach, Broward County  
Reviewed By: No routing due to size and location

Attachment: Bianco\_Memo\_ExhA\_Release\_of\_Reservations (Resolution No. 2021 - 0904 : Release of Reservations)



**RESOLUTION - EXHIBIT "A"****Broward County**

File No: 18875  
Applicant: WTLG, LLC., a Florida limited liability company  
Reserving Deed: E-1472 (DB 458-489, 8/21/1944)  
Release Value: \$7,288.90 (paid on 7/13/2021)  
Action: Release District canal and road reservations  
Acres: 2.67 acres, more or less  
Legal Description: Lots 1, 2, 3, and 6 through 12, and the East ½ of Lot 13, SUMTER'S  
ADDITION TO TOWN OF POMPANO FIRST ADDITION, PB 10-67,  
Section 35, Township 48 South, Range 42 East  
Location: Vacant land on NW 8<sup>th</sup> Street, Pompano Beach, Broward County



South Florida Water Management District  
3301 Gun Club Road, West Palm Beach, Florida 33406  
561-686-8800; www.sfwmd.gov



District File No. 18875

0 0.006 0.012 0.018 0.024 Miles  
0 0.01 0.02 0.03 Kilometers

**DISCLAIMER:**

This map is a conceptual or planning tool only. The South Florida Water Management District does not guarantee or make any representation regarding the information contained herein. It is not self-executing or binding and does not affect the interests of any persons or properties, including any present or future right or use of real property and is exempt from public records disclosure and confidential under Section 119.07(3)(a)(1), Florida Statute.





[sfwmd.gov](http://sfwmd.gov)

The diagram shows two horizontal number lines. The top line is labeled 'Miles' and has tick marks at 0, 0.05, 0.1, 0.15, and 0.2. The bottom line is labeled 'Kilometers' and has tick marks at 0, 0.095, 0.19, and 0.285. Vertical lines connect the corresponding points on the two scales: 0 miles to 0 kilometers, 0.05 miles to 0.095 kilometers, 0.1 miles to 0.19 kilometers, 0.15 miles to 0.285 kilometers, and 0.2 miles to 0.285 kilometers.

DISCLAIMER:  
This map is a conceptual or planning tool only. The South Florida W Management District does not guarantee or make any representa regarding the information contained herein. It is not self-executing or bin and does not affect the interests of any persons or properties, including any, present or future right or use of real property and is exempt from public records disclosure and confidential under Section 119.07(3)(a)(1), Florida Statute.



## MEMORANDUM

**TO:** Governing Board Members

**FROM:** Carolyn S. Ansay, General Counsel

**DATE:** September 09, 2021

**SUBJECT:** Certification of 2021/2022 Annual Regulatory Plan

### **Agenda Item Background:**

The District annually completes and certifies a rulemaking plan to the Legislature's Joint Administrative Procedures Committee. The annual regulatory plan is required by Section 120.74, Florida Statutes, to inform the Legislature and the public of agency rulemaking. The Governing Board and General Counsel must certify that they reviewed the plan and that the District regularly reviews its rules to determine if the rules remain consistent with the agency's rulemaking authority and the laws implemented. The District reviewed its rules for this purpose in July 2021. The District must submit its certification along with the plan to the Joint Administrative Procedures Committee. The District must also publish Notice of the plan in the Florida Administrative Register and publish and maintain the plan on the District's website for 10 years after the date of initial publication.

### **Core Mission and Strategic Priorities:**

The Governing Board has authority to adopt rules to administer the provisions of Chapter 373, Florida Statutes. This item supports the District's core mission and strategic goals by ensuring that District rules are consistent with the District's rulemaking authority and the laws implemented. Additionally, the 2021/2022 Annual Regulatory Plan is required under section 120.74, Florida Statutes. Based on this year's regulatory plan, the District's Water Resources division, Ecosystem Restoration & Capital Projects division, and Regulation division are anticipated to conduct rulemaking in coordination with Office of Counsel.

### **Funding Source:**

Staff time will be used to implement the 2021/2022 Annual Regulatory Plan. The District may use ad valorem funds to prepare the economic impact analysis, if required, for certain rules. Office of Counsel and the divisions will share the publication costs of the notices.

### **Staff Contact:**

Julia Lomonico, jlomonico@sfwmd, 561-682-6210

## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

### Resolution No. 2021 - 0905

**A Resolution of the South Florida Water Management District (District) Governing Board certifying to the Joint Administrative Procedures Committee that the Governing Board and General Counsel reviewed the District's 2021/2022 Annual Regulatory Plan and that the District reviewed its rules to determine if the rules remain consistent with the District's rulemaking authority and the laws implemented, effective immediately.**

**WHEREAS**, the District must annually complete and certify a rulemaking plan to the Legislature's Joint Administrative Procedures Committee. The annual regulatory plan is required by section 120.74, Florida Statutes, to inform the Legislature and the public of agency rulemaking; and

**WHEREAS**, the Governing Board and General Counsel must certify that they reviewed the plan and that the District regularly reviews its rules to determine if the rules remain consistent with the agency's rulemaking authority and the laws implemented; and

**WHEREAS**, the District must submit its certification and annual regulatory plan to the Legislature's Joint Administrative Procedures Committee, publish Notice of its annual regulatory plan in the Florida Administrative Register, and publish and maintain it on the District's website for 10 years after the date of initial publication.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

- Section 1.** Pursuant to the requirements of section 120.74(1)(d)1., Florida Statutes, the Governing Board and General Counsel certify to the Joint Administrative Procedures Committee that they reviewed the District's 2021/2022 Annual Regulatory Plan.
- Section 2.** Pursuant to the requirements of section 120.74(1)(d)2., Florida Statutes, the Governing Board and General Counsel certify that the District reviewed its rules to determine if the rules remain consistent with the District's rulemaking authority and the laws implemented in July 2021.
- Section 3.** A copy of the District's 2021/2022 Annual Regulatory Plan is attached hereto and made a part hereof.
- Section 4.** This Resolution shall take effect immediately upon adoption.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

\_\_\_\_\_  
District Clerk/Secretary

Legal form approved:  
By:

\_\_\_\_\_  
Office of Counsel

Print name:

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
2021-2022 Regulatory Plan**

Law Implemented	Rule Number (No chapters or subsections)	Rule Title	Was the law to be implemented enacted or amended within the last 12 months? If so, identify Bill Number and Title of the Bill	Was the law listed in a previous regulatory plan as requiring rulemaking to implement a law enacted or amended within the previous 12 months of that plan?	Is rulemaking necessary to implement the new law?	For a new law, if rulemaking is necessary, has notice of rule development been published in the FAR? If yes, which FAR issue? (include date, Vol/No)	For a new law, if rulemaking is not necessary, explain why the new law may be implemented without rulemaking.	For a new law, when is notice of a proposed rule expected to be published?	For all other rulemaking that the agency expects to implement by July 1, explain whether the rule is intended to simplify, clarify, increase efficiency, improve coordination with other agencies, reduce regulatory costs, or delete obsolete, unnecessary, or redundant rules.
373.083, 373.118, 373.219, 373.223, F.S.	40E-2.061	General Permits by Rule	No	No	N/A	N/A	N/A	N/A	Clarify language for General Permits for Consumptive Use regarding linear dewatering.
373.042, 373.0421, 373.083, 373.109, 373.196, 373.219, 373.223, 373.224, 373.229, 373.232, 373.233, 373.236, 373.239, 373.250, F.S.	40E-2.091	Publications Incorporated by Reference	No	No	N/A	N/A	N/A	N/A	Simplify Consumptive Use Applicant's Handbook forms and rule references to allow for North American Vertical Datum.

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
2021-2022 Regulatory Plan**

Law Implemented	Rule Number (No chapters or subsections)	Rule Title	Was the law to be implemented enacted or amended within the last 12 months? If so, identify Bill Number and Title of the Bill	Was the law listed in a previous regulatory plan as requiring rulemaking to implement a law enacted or amended within the previous 12 months of that plan?	Is rulemaking necessary to implement the new law?	For a new law, if rulemaking is necessary, has notice of rule development been published in the FAR? If yes, which FAR issue? (include date, Vol/No)	For a new law, if rulemaking is not necessary, explain why the new law may be implemented without rulemaking.	For a new law, when is notice of a proposed rule expected to be published?	For all other rulemaking that the agency expects to implement by July 1, explain whether the rule is intended to simplify, clarify, increase efficiency, improve coordination with other agencies, reduce regulatory costs, or delete obsolete, unnecessary, or redundant rules.
373.042, 373.0421, 373.083, 373.109, 373.196, 373.219, 373.223, 373.224, 373.229, 373.232, 373.233, 373.236, 373.239, 373.250, F.S.	40E-2.091	Publications Incorporated by Reference	No	No	N/A	N/A	N/A	N/A	Modify map in the Applicant's Handbook to reflect the water reservation in 40E-10.061 for the Loxahatchee River Watershed Restoration Plan.



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
2021-2022 Regulatory Plan**

Law Implemented	Rule Number (No chapters or subsections)	Rule Title	Was the law to be implemented enacted or amended within the last 12 months? If so, identify Bill Number and Title of the Bill	Was the law listed in a previous regulatory plan as requiring rulemaking to implement a law enacted or amended within the previous 12 months of that plan?	Is rulemaking necessary to implement the new law?	For a new law, if rulemaking is necessary, has notice of rule development been published in the FAR? If yes, which FAR issue? (include date, Vol/No)	For a new law, if rulemaking is not necessary, explain why the new law may be implemented without rulemaking.	For a new law, when is notice of a proposed rule expected to be published?	For all other rulemaking that the agency expects to implement by July 1, explain whether the rule is intended to simplify, clarify, increase efficiency, improve coordination with other agencies, reduce regulatory costs, or delete obsolete, unnecessary, or redundant rules.
373.016, 373.026, 373.036, 373.1501, 373.1502, 373.219, 373.223, 373.4592, 373.4595, 373.470, F.S.	40E-10.061	Water Reservation Areas: Lower East Coast Planning Area	No	No	N/A	N/A	N/A	N/A	Adopt a water reservation to protect water made available by the Loxahatchee River Watershed Plan.
373.046, 373.413, 373.4131, 373.414, 373.4142, 373.416, 373.418, 373.426, 373.441, F.S.	40E-4.091	Publications Incorporated by Reference	No	Yes	Yes	Yes - 12/18/20, Vol. 46/No. 245	N/A	Expect Notice of Proposed Rule to be published in 2022 (Notice of Extension published 4/1/21, Vol.47/No.63)	Update stormwater design and operation regulations, including the ERP Applicant's Handbook as required by section 373.4131(6), F.S. (2020).

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
2021-2022 Regulatory Plan**

Law Implemented	Rule Number (No chapters or subsections)	Rule Title	Was the law to be implemented enacted or amended within the last 12 months? If so, identify Bill Number and Title of the Bill	Was the law listed in a previous regulatory plan as requiring rulemaking to implement a law enacted or amended within the previous 12 months of that plan?	Is rulemaking necessary to implement the new law?	For a new law, if rulemaking is necessary, has notice of rule development been published in the FAR? If yes, which FAR issue? (include date, Vol/No)	For a new law, if rulemaking is not necessary, explain why the new law may be implemented without rulemaking.	For a new law, when is notice of a proposed rule expected to be published?	For all other rulemaking that the agency expects to implement by July 1, explain whether the rule is intended to simplify, clarify, increase efficiency, improve coordination with other agencies, reduce regulatory costs, or delete obsolete, unnecessary, or redundant rules.
373.4595, F.S.	40E-1.602	Permits Required	No	No	N/A	N/A	N/A	N/A	1) Amend reference in paragraph (10) to 40E-6 instead of 40E-62; and 2) Delete paragraph (9) as obsolete.
120.60(3), 373.116, 373.118, 668.50, F.S.	40E-1.6058	Posting, Publication and Requests for Notification of Permit Applications or Notices of Intent	No	No	N/A	N/A	N/A	N/A	1) Increase efficiency by stating in paragraphs (1), (3), and (4) that persons may use ePermitting to be notified of applications, notices of intent, etc; and 2) Delete paragraph (5) as redundant.
218.075, 373.113, 373.4135, 373.4136, 373.416, 704.06, F.S.	40E-1.659	Forms and Instructions Incorporated by Reference	No	No	N/A	N/A	N/A	N/A	Repeal as rule is unnecessary.
120.69, 373.129, 373.209(3), 373.430, 373.603, F.S.	40E-1.715	Civil Penalty Calculation	No	No	N/A	N/A	N/A	N/A	Delete paragraphs (1) and (2) as obsolete and redundant.

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
2021-2022 Regulatory Plan**

Law Implemented	Rule Number (No chapters or subsections)	Rule Title	Was the law to be implemented enacted or amended within the last 12 months? If so, identify Bill Number and Title of the Bill	Was the law listed in a previous regulatory plan as requiring rulemaking to implement a law enacted or amended within the previous 12 months of that plan?	Is rulemaking necessary to implement the new law?	For a new law, if rulemaking is necessary, has notice of rule development been published in the FAR? If yes, which FAR issue? (include date, Vol/No)	For a new law, if rulemaking is not necessary, explain why the new law may be implemented without rulemaking.	For a new law, when is notice of a proposed rule expected to be published?	For all other rulemaking that the agency expects to implement by July 1, explain whether the rule is intended to simplify, clarify, increase efficiency, improve coordination with other agencies, reduce regulatory costs, or delete obsolete, unnecessary, or redundant rules.
373.046, 373.413, 373.4131, 373.414, 373.4142, 373.416, 373.418, 373.426, 373.441, F.S.	40E-4.091	Publications Incorporated by Reference	No	No	N/A	N/A	N/A	N/A	Improve coordination by updating DEP/SFWMD Operating Agreement.
373.6075, F.S.	NA	NA	HB169 Purchase of Commodities and Services by Water Management Districts	No	No	NA	Self implementing	NA	NA
252.37, F.S.	NA	NA	SB2006 Emergency Management	No	No	NA	Self Implementing	NA	NA

Attachment: 2021-2022 Regulatory Plan REVISED DRAFT 2021-09-09 (Resolution No. 2021 - 0905 :

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
2021-2022 Regulatory Plan**

Law Implemented	Rule Number (No chapters or subsections)	Rule Title	Was the law to be implemented enacted or amended within the last 12 months? If so, identify Bill Number and Title of the Bill	Was the law listed in a previous regulatory plan as requiring rulemaking to implement a law enacted or amended within the previous 12 months of that plan?	Is rulemaking necessary to implement the new law?	For a new law, if rulemaking is necessary, has notice of rule development been published in the FAR? If yes, which FAR issue? (include date, Vol/No)	For a new law, if rulemaking is not necessary, explain why the new law may be implemented without rulemaking.	For a new law, when is notice of a proposed rule expected to be published?	For all other rulemaking that the agency expects to implement by July 1, explain whether the rule is intended to simplify, clarify, increase efficiency, improve coordination with other agencies, reduce regulatory costs, or delete obsolete, unnecessary, or redundant rules.
373.4599, F.S.	NA	NA	SB 2516 Water Storage North of Lake Okeechobee	No	No	No	Self-Implementing	NA	NA
330.41, 934.50, F.S.	NA	NA	SB 0044 Use of Drones by Government Agencies	No	No	No	Self Implementing	NA	NA
119.07, F.S.	NA	NA	SB 0400 Public Records	No	No	No	Self-implementing	NA	NA
119.0715, F.S.	NA	NA	HB 1055 Public Records / Trade Secrets	No	No	No	Self-Implementing	NA	NA
121.71, F.S.	NA	NA	SB 7018 State Administered Retirement System	No	No	No	Self-implementing	NA	NA

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT  
2021-2022 Regulatory Plan**

Attachment: 2021-2022 Regulatory Plan REVISED DRAFT 2021-09-09 (Resolution No. 2021 - 0905 :



## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

### **CERTIFICATION PURSUANT TO PARAGRAPH 120.74(1)(d), FLORIDA STATUTES**

Pursuant to section 120.74(1)(d)., Florida Statutes, the Governing Board and General Counsel certify that they reviewed the South Florida Water Management District's 2021/2022 Annual Regulatory Plan. The Governing Board and General Counsel further certify that the South Florida Water Management District regularly reviews its rules to determine if they remain consistent with the agency's rulemaking authority and the laws implemented. The South Florida Water Management District completed its most recent review for this purpose in July 2021.

Dated this \_\_\_\_\_ day of September 2021.

\_\_\_\_\_  
CAROLYN S. ANSAY  
GENERAL COUNSEL

\_\_\_\_\_  
CHAUNCEY P. GOSS, II  
GOVERNING BOARD CHAIRMAN

## M E M O R A N D U M

**TO:** Governing Board Members

**FROM:** Julia Lomonico, Managing Attorney

**DATE:** September 09, 2021

**SUBJECT:** Phosphorus Free Water Solutions, LLC Bid Protest (Staff contact, Julia Lomonico)

### **Agenda Item Background:**

Phosphorus Free Water Solutions, LLC ("Phosphorus Free") challenged the District's decision to award a contract to Ferrate Solutions, Corp. ("Ferrate Solutions") to remove total phosphorus from water within the District's S-191 Basin using innovative technologies. The District referred this matter to the Division of Administrative Hearings for a formal administrative hearing under DOAH Case No. 21-1794BID. The Administrative Law Judge ("ALJ") heard the matter and issued a Recommended Order. The Recommended Order can be found at <https://www.doah.state.fl.us/ROS/2021/21001794.pdf>. Accordingly, the matter is before the Governing Board to issue a Final Order.

### **Additional Background:**

#### The Challenged Agency Action

At its May 2021 business meeting, the Governing Board awarded Ferrate Solutions, as the lowest responsive and responsible bidder for a Request for Bids ("RFB"), a contract to use innovative technologies to remove phosphorus from the water within the District's S-191 Basin. Phosphorus Free, the only other bidder, timely protested the District's decision, and an ALJ held a 2-day evidentiary hearing in July 2021. The ALJ weighed the evidence, determined the credibility of witnesses, and made factual findings and legal conclusions. The ALJ found that Ferrate Solutions was not a responsible bidder because it lacked the requisite years of experience under the RFB. The ALJ further found that Ferrate Solutions improperly communicated with a District employee during the bidding process, and its bid should be rejected according to the anti-lobbying terms of the RFB. Accordingly, the ALJ issued his Recommended Order on August 19, 2021, recommending the District reject Ferrate Solution's bid and award the contract to Phosphorus Free as the only remaining responsive and responsible bidder.

#### The Governing Board's Role

The Board can only overturn the Judge's decision if the Board finds no competent substantial evidence to support the ALJ's factual findings after a complete review of the entire transcript and record. The Board cannot conduct a new hearing on the Petition and may not take additional testimony, make independent factual findings, or reweigh the evidence considered by the ALJ. The Board's only job is to consider the Recommended Order and any exceptions filed by the parties. The Board must issue a Final Order by September 20, 2021, according to Florida administrative law.

#### General Counsel's Recommendation

After reviewing the Recommended Order and the record of the proceeding, the District's General Counsel recommends the Board enter a Final Order accepting the ALJ's

Recommendation to award the contract to Phosphorous Free Solutions, Inc. and ruling on exceptions filed by the parties.

**Staff Contact:**

Julia Lomonico, [jlomonic@sfwmd.gov](mailto:jlomonic@sfwmd.gov), 561-682-6210



## **MEMORANDUM**

**TO:** Governing Board Members

**FROM:** Duane Piper, Chief Information Officer

**DATE:** September 09, 2021

**SUBJECT:** A. SAP Software Annual Maintenance

### **Agenda Item Background:**

SAP is the integrated Enterprise Resource Planning Software used for the District's core business functions such as accounting, finance, procurement, human resources, payroll, plant maintenance, and project management. Each year, the District enters into an annual purchase order with the manufacturer, SAP Public Services, Inc. for software maintenance for all SAP licenses which includes technical support, upgrades, and access to the Support and Advisory Center. The District obtained this purchase order through a special procurement that is exempt from competition under Section 155-6, of the District's Policies and Procedures. This policy provides that licensing, warranty, compatibility requirements that limit the selection to the manufacturer, including purchases of parts, repairs or maintenance services from the original equipment manufacturer, seller or authorized repair facility are exempt from competition. This policy provides that all renewals for maintenance and licensing of proprietary computer software are exempt from competition. SAP Public Services, Inc. will provide software maintenance and upgrades for the time period October 1, 2021 through September 30, 2022.

### **Staff Contact and/or Presenter:**

Duane Piper, dpiper@sfwmd.gov, 561-682-2150

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0906**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize issuing a purchase order to SAP Public Services, Inc. for software maintenance and upgrades, for the time period October 1, 2021 through September 30, 2022, in the amount of \$648,420 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget; providing an effective date. (Purchase Order Number 4500129972)**

**WHEREAS**, SAP is used for the District's core business functions such as accounting, finance, procurement, human resources, payroll, plant maintenance, and project management; and

**WHEREAS**, the District obtained this purchase order through a special procurement that is exempt from competition under Section 155-6, South Florida Water Management Districts Policies and Procedures; and

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize issuing a purchase order to SAP Public Services, Inc. for software maintenance and upgrades, in the amount of \$648,420.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes issuing a purchase order to SAP Public Services, Inc. for software maintenance and upgrades, for the time period October 1, 2021 through September 30, 2022, in the amount of \$648,420. (Purchase Order 4500129972)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

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Chauncey P. Goss, II  
Chairman

Attest:

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District Clerk/Secretary

Legal form approved:  
By:

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Office of Counsel

Print name:

## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Duane Piper, Chief Information Officer

**DATE:** September 09, 2021

**SUBJECT:** B. Integration Software License Annual Renewal

**Agenda Item Background:**

In May 2014, the District began using MuleSoft software as the tool for integrating multiple enterprise systems such as our financial system (SAP), our hydrologic and data verification system (DBHYDRO/DCVP), and our Decision Support System (ODSS). This software eliminated the requirement for District staff to write custom code which is very expensive to write as well as difficult to maintain and support. In August 2017, additional licenses were purchased for the Supervisory Control and Data Acquisition (SCADA) Project, replacing the Webmethods software. In December 2020, the District purchased additional licenses for DBHYDRO Insights.

Each year the District enters into a purchase order for the MuleSoft licenses. This request is to issue a purchase order to Carahsoft Technology Corporation for the time period November 1, 2021 through October 31, 2022, using the General Services Administration Schedule GS-35F-0119Y. This contract was competed by another government agency.

**Staff Contact and/or Presenter:**

Duane Piper, dpiper@sfwmd.gov, 561-682-2150

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0907**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize issuing a purchase order to Carahsoft Technology Corporation for MuleSoft integration software licenses, using the General Services Administration Schedule GS-35F-0119Y, for the time period November 1, 2021 through October 31, 2022, in the amount of \$288,614 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget; providing an effective date. (Purchase Order Number 4500129975)**

**WHEREAS**, MuleSoft software is the tool used for integrating multiple enterprise systems such as SAP, DBHYDRO/DCVP, and ODSS; and

**WHEREAS**, the District obtained this purchase order through a special procurement using the General Services Administration Schedule GS-35F-0119Y; and

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize issuing a purchase order to Carahsoft Technology Corporation for MuleSoft integration software licenses, in the amount of \$288,614.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes issuing a purchase order to Carahsoft Technology Corporation for MuleSoft integration software licenses, using the General Services Administration Schedule GS-35F-0119Y, for the time period November 1, 2021 through October 31, 2022, in the amount of \$288,614. (Purchase Order 4500129975)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

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Chauncey P. Goss, II  
Chairman

Attest:

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District Clerk/Secretary

Legal form approved:  
By:

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Office of Counsel

Print name:

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## MEMORANDUM

**TO:** Governing Board Members

**FROM:** Duane Piper, Chief Information Officer

**DATE:** September 09, 2021

**SUBJECT:** C. Business Workflow Software License Annual Renewal

**Agenda Item Background:**

The Pega 7 Platform is the business workflow software that supports permitting and compliance processes for Environmental Resource, Consumptive Water Use, and Works of the District. These business workflows include processing applications, permits, transfers, and compliance monitoring. The Pega 7 platform is also being used to replace the legacy Vegetation Management System (Weedar) and Right of Way permitting system.

This request is to issue a purchase order to SHI, Inc. for the time period December 19, 2021 through December 18, 2022, using the National Association of State Procurement Officials Contract Number 43230000-NASPO-16-ACS-Software. This contract was competed by another government agency.

**Staff Contact and/or Presenter:**

Duane Piper, dpiper@sfwmd.gov, 561-682-2150

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0908**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize issuing a purchase order to SHI, Inc. for Pega Systems software maintenance, using the National Association of State Procurement Officials Contract Number 43230000-NASPO-16-ACS-Software, for the time period December 19, 2021 through December 18, 2022, in the amount of \$153,220 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget; providing an effective date. (Purchase Order Number 4500129978)**

**WHEREAS**, the Pega Systems software is the business workflow application that supports permitting and compliance processes for Environmental Resource, Consumptive Water Use, and Works of the District; and

**WHEREAS**, the District obtained this purchase order through a special procurement using the National Association of State Procurement Officials Contract Number 43230000-NASPO-16-ACS-Software; and

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize issuing a purchase order to SHI, Inc. for Pega Systems software maintenance, in the amount of \$153,220.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes issuing a purchase order to SHI, Inc. for Pega Systems software maintenance, using the National Association of State Procurement Officials Contract Number 43230000-NASPO-16-ACS-Software, for the time period December 19, 2021 through December 18, 2022, in the amount of \$153,220. (Purchase Order 4500129978)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.



SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

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Chauncey P. Goss, II  
Chairman

Attest:

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District Clerk/Secretary

Legal form approved:  
By:

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Office of Counsel

Print name:

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## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Duane Piper, Chief Information Officer

**DATE:** September 09, 2021

**SUBJECT:** D. Network Software Enterprise Agreement

### **Agenda Item Background:**

Presidio Networked Solutions will provide an enterprise agreement for the Cisco Systems network software maintenance. The agreement is for three years and is renewable annually. By executing a three-year contract for software maintenance, the annual cost is locked in for the three-year period, saving approximately 5% - 7% each year, and the District can add 20% more software to the agreement at no additional cost. This network software supports the Supervisory Control and Data Acquisition (SCADA) network (our ability to monitor and control water levels) and our internal networks including internet connectivity, the telephone system, and connections between all District offices and microwave network sites.

This request is to enter into a contract with Presidio Networked Solutions for a network software enterprise agreement for the time period December 1, 2021 through November 30, 2024, using the National Association of State Procurement Officials ValuePoint Cisco Contract AR3227 Florida Contract Number 43220000-NASPO-19-ACS. This contract was competed by another government agency.

### **Staff Contact and/or Presenter:**

Duane Piper, dpiper@sfwmd.gov, 561-682-2150

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0909**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a contract with Presidio Networked Solutions for a network software enterprise agreement, using the National Association of State Procurement Officials ValuePoint Cisco Contract AR3227 Florida Contract Number 43220000-NASPO-19-ACS, for the time period December 1, 2021 through November 30, 2024, in the amount of \$182,196 for which \$60,732 of Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget and the remainder is subject to Governing Board approval of future years budgets; providing an effective date. (Contract Number 4600004459)**

**WHEREAS**, the network software supports the Supervisory Control and Data Acquisition and internal networks; and

**WHEREAS**, the District obtained this contract through a special procurement using the National Association of State Procurement Officials ValuePoint Cisco Contract AR3227 Florida Contract Number 43220000-NASPO-19-ACS; and

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize entering into a contract with Presidio Networked Solutions for a network software enterprise agreement, in the amount of \$182,196.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes entering into a contract with Presidio Networked Solutions for a network software enterprise agreement, using the National Association of State Procurement Officials ValuePoint Cisco Contract AR3227 Florida Contract Number 43220000-NASPO-19-ACS, for the time period December 1, 2021 through November 30, 2024, in the amount of \$182,196. (Contract Number 4600004459)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

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Chauncey P. Goss, II  
Chairman

Attest:

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District Clerk/Secretary

Legal form approved:  
By:

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Office of Counsel

Print name:

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## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Duane Piper, Chief Information Officer

**DATE:** September 09, 2021

**SUBJECT:** E. Storage Hardware and Software Annual Maintenance

**Agenda Item Background:**

The Information Technology Division uses EMC equipment and software to maintain and store the District's critical data. The storage infrastructure provides high availability and redundancy for numerous systems and protects this data from any unforeseen data loss. Select information is replicated remotely to the District's disaster recovery site. The environment is scalable and strategically lends itself to the overall long-term solution for data management at the District.

Each year, the District enters into an annual purchase order with Ahead, Inc. (previously RoundTower) for storage hardware and software maintenance. This request is to issue a purchase order to Ahead, Inc. for the time period November 1, 2021 through October 31, 2022 using the National Association of State Procurement Officials ValuePoint Contract MNWNC-109. This contract was competed by another government agency.

**Staff Contact and/or Presenter:**

Duane Piper, dpiper@sfwmd.gov, 561-682-2150

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0910**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize issuing a purchase order to Ahead, Inc. for storage hardware and software maintenance, using the National Association of State Procurement Officials ValuePoint Contract MNWNC-109, for the time period November 1, 2021 through October 31, 2022, in the amount of \$201,220 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget; providing an effective date. (Purchase Order Number 4500129976)**

**WHEREAS**, the storage hardware and software maintains, stores, and backs up the District's critical data; and

**WHEREAS**, the District obtained this purchase order through a special procurement using the National Association of State Procurement Officials ValuePoint Contract MNWNC-109; and

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize issuing a purchase order to Ahead, Inc. for storage hardware maintenance, in the amount of \$201,220.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes issuing a purchase order to Ahead, Inc. for storage hardware and software maintenance, using the National Association of State Procurement Officials ValuePoint Contract MNWNC-109, for the time period November 1, 2021 through October 31, 2022, in the amount of \$201,220. (Purchase Order 4500129976)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

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Chauncey P. Goss, II  
Chairman

Attest:

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District Clerk/Secretary

Legal form approved:  
By:

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Office of Counsel

Print name:

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## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Duane Piper, Chief Information Officer

**DATE:** September 09, 2021

**SUBJECT:** F. Legacy Hardware Annual Maintenance

**Agenda Item Background:**

To achieve cost savings for legacy infrastructure hardware maintenance, Information Technology will procure support from a third-party vendor for the Oracle Sun Microsystems Unix based hardware, the EMC storage hardware, and the Dell infrastructure hardware. This maintenance includes hardware support only, with no firmware or software updates. This equipment hosts critical District applications such as SAP, DBHYDRO, Operations, and other core infrastructure applications such as accounting, finance, procurement, plant maintenance, and environmental databases. It also maintains, stores, and backs up the District's critical data across three tiers of storage. The storage infrastructure provides high availability and redundancy for numerous applications including Documentum, email, SAP, and Operations databases.

CDW-G LLC will provide legacy hardware maintenance for the time period November 1, 2021 through October 31, 2022 using the National Intergovernmental Purchasing Alliance Technology Solutions Contract Number 2018011-01. The contract was competed through a government agency; therefore, the District's Procurement Policy does not require additional competition.

**Staff Contact and/or Presenter:**

Duane Piper, dpiper@sfwmd.gov, 561-682-2150



# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0911**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize issuing a purchase order to CDW-G LLC for legacy infrastructure hardware maintenance, using the National Intergovernmental Purchasing Alliance Technology Solutions Contract Number 2018011-01, for the time period November 1, 2021 through October 31, 2022, in the amount of \$160,281 for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget; providing an effective date. (Purchase Order Number 4500129977)**

**WHEREAS**, the infrastructure hardware hosts critical District applications; and

**WHEREAS**, the District obtained this purchase order through a special procurement using the National Intergovernmental Purchasing Alliance Technology Solutions Contract Number 2018011-01; and

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize issuing a purchase order to CDW-G LLC for legacy infrastructure hardware maintenance, in the amount of \$160,281.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes issuing a purchase order to CDW-G LLC for legacy infrastructure hardware maintenance, using the National Intergovernmental Purchasing Alliance Technology Solutions Contract Number 2018011-01, for the time period November 1, 2021 through October 31, 2022, in the amount of \$160,281. (Purchase Order 4500129977)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

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Chauncey P. Goss, II  
Chairman

Attest:

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District Clerk/Secretary

Legal form approved:  
By:

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Office of Counsel

Print name:

## **MEMORANDUM**

**TO:** Governing Board Members

**FROM:** Duane Piper, Chief Information Officer

**DATE:** September 09, 2021

**SUBJECT:** G. Documentum D2 Implementation

### **Agenda Item Background:**

The District uses Documentum enterprise content management software to store and archive digital documents in a safe and secure repository. Documents include permits, personnel documents, Comprehensive Everglades Restoration Plan (CERP) project documentation and others. Documentum also provides the ability to easily control and organize files. Webtop, the current web front end for Documentum, is difficult to support and secure which causes performance impacts to users. As a result, IT is replacing the Webtop front end with D2 which will increase security, reliability and provide additional features including access to mobile users. In addition, IT will consolidate both the CERP and SFWMD document repositories to reduce overhead and administration.

This request is to increase PO 4500129872 with Alamo City Engineering Services, Inc. to assist with the installation and configuration of the D2 front end and consolidate the CERP and SFWMD content repositories, using the General Services Administration Schedule Number GS-35F-0598S. The contract was competed through a government agency; therefore, the District's Procurement Policy does not require additional competition.

### **Staff Contact and/or Presenter:**

Duane Piper, dpiper@sfwmd.gov, 561-682-2150

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0912**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize an amendment to Purchase Order Number 4500129872 with Alamo City Engineering Services, Inc. by increasing the amount of the purchase order by \$126,576 for a revised purchase order total of \$206,226 for D2 Documentum implementation services, using the General Services Administration Schedule Number GS-35F-0598S, for which Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget; providing an effective date. (Purchase Order Number 4500129872)**

**WHEREAS**, Information Technology is implementing D2 Documentum to store and archive digital documents in a safe and secure repository; and

**WHEREAS**, the District obtained this purchase order through a special procurement using the General Services Administration Schedule Number GS-35F-0598S; and

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize an amendment to Purchase Order 4500129872 with Alamo City Engineering Services, Inc. by increasing the purchase order by \$126,576.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes an amendment to Purchase Order Number 4500129872 with Alamo City Engineering Services, Inc. by increasing the amount of the purchase order by \$126,576 for a revised purchase order total of \$206,226 for D2 Documentum implementation services, using the General Services Administration Schedule Number GS-35F-0598S. (Purchase Order Number 4500129872)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

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Chauncey P. Goss, II  
Chairman

Attest:

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District Clerk/Secretary

Legal form approved:  
By:

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Office of Counsel

Print name:

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## M E M O R A N D U M

**TO:** Governing Board Members

**FROM:** Jennifer Reynolds, Director-Ecosystem Restoration & Capital Projects

**DATE:** September 09, 2021

**SUBJECT:** Northern Crested Caracara Sole Source Contract

### **Agenda Item Background:**

Three restoration projects, the C-43 West Basin Storage Reservoir (C-43 Reservoir), C-139 Flow Equalization Basin (C-139 FEB), and C-139 Annex Restoration (C-139 Annex, also known as the C-139 Abiaki Prairie Restoration/Mitigation Project and the Sam Jones Abiaki Prairie Restoration Project) (hereafter, Projects), require long-term permit mandated Northern crested caracara (CRCA) monitoring, trapping, tagging, and reporting per their U.S. Fish and Wildlife Service (USFWS) Biological Opinions (BOs) attached to their corresponding U.S. Army Corps of Engineers (USACE) permits.

The District currently has one-year sole source contracts for each restoration project with Dr. Joan Morrison and Johnson Engineering, Inc. Dr. Morrison is the only licensed biologist in the United States that is legally able, with the service required USFWS 10(a)(1)(A) recovery permit, to conduct this level of monitoring. Dr. Morrison is under contract with Johnson Engineering, Inc., who provides the ecologists with the level of technical expertise required to conduct the nest location surveys and productivity monitoring necessary to perform these services. These contracts expire in September 2021.

Staff is requesting approval to consolidate the contracts into one sole source contract, over a five-year term, during the 2022-2027 caracara nesting seasons; which breaks down to years seven through eleven for the C-43 Reservoir and years two through six for both the C-139 Annex and the C-139 FEB.

Johnson Engineering Inc. meets the USACE permit conditions of monitoring of CRCA, a Federal and State threatened species, and have the necessary experience acceptable to USFWS and the District.

### **Core Mission and Strategic Priorities:**

This contract is needed to comply with long-term permit requirements for these three priority Projects to expedite restoration results in the Everglades, as identified in the 2021-2026 Strategic Plan and in Governor DeSantis' list of 29 Key Everglades Restoration Projects.

### **Funding Source:**

Funding for this contract will come from ad valorem and dedicated funds (Land Acquisition Trust Fund or other future state appropriation, and Lake Belt Mitigation Fund), which are subject to Governing Board approval of the Fiscal Year 2021-22 and subsequent years budgets.

### **Staff Contact and/or Presenter:**

Jennifer Reynolds, jreynolds@sfwmd.gov, 561-682-6844  
Holly Andreotta, handreot@sfwmd.gov, 561-682-6432

## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

### Resolution No. 2021 - 0913

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a five-year sole source contract with Johnson Engineering Inc., for the purpose of long-term Northern crested caracara permit mandated monitoring for the C-43 West Basin Storage Reservoir (C-43 Reservoir), C-139 Flow Equalization Basin (C-139 FEB), and C-139 Annex Restoration (C-139 Annex, also known as the C-139 Abiaki Prairie Restoration/Mitigation Project and the Sam Jones Abiaki Prairie Restoration Project) in an amount not to exceed \$1,113,525, for which \$222,705 in Ad Valorem and dedicated funds (Land Acquisition Trust Fund and Lake Belt Mitigation Fund) is subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget, and the remainder is subject to Governing Board approval of future years budgets; providing an effective date. (Contract No. 4600004464)

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to enter into a contract with Johnson Engineering, Inc., for long-term permit mandated Northern crested caracara monitoring over a five-year term, during the 2022-2027 caracara nesting seasons; which breaks down to years seven through eleven for the C-43 Reservoir and years two through six for both the C-139 Annex and the C-139 FEB.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes entering into a contract with Johnson Engineering, Inc. (Contract No. 4600004464)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

\_\_\_\_\_  
District Clerk/Secretary

Legal form approved:  
By:

\_\_\_\_\_  
Office of Counsel

Print name:



## MEMORANDUM

**TO:** Governing Board Members

**FROM:** Jennifer Reynolds, Director-Ecosystem Restoration & Capital Projects

**DATE:** September 09, 2021

**SUBJECT:** U.S. Geological Survey Joint Funding Agreements

### **Agenda Item Background:**

Groundwater monitoring is critical to the District's water supply mission and its ability to monitor movement of the saltwater interface in our coastal aquifers, manage water resources during water shortages, calibrate and apply groundwater models that support water supply planning efforts, and evaluate the effects of new projects on existing legal users of water. The District supplements its monitoring coverage utilizing the existing U.S. Geological Survey (USGS) network of wells. These proposed Joint Funding Agreements continue the District's long-standing partnership with the USGS for a three-year period and include monitoring at a total of 347 sites across the District's area.

### **Additional Background:**

Continuing these agreements will ensure continuity of the monitoring data. The monitoring work includes the collection of monthly, quarterly, semi-annual, continuous recorder and satellite telemetry data from 38 surface water stations, 2 (two) evapo-transpiration stations, and groundwater level data from 307 groundwater stations. Data is archived in the USGS's national database, and then transferred to the District via direct computer link on a monthly or as-needed basis.

### **Core Mission and Strategic Priorities:**

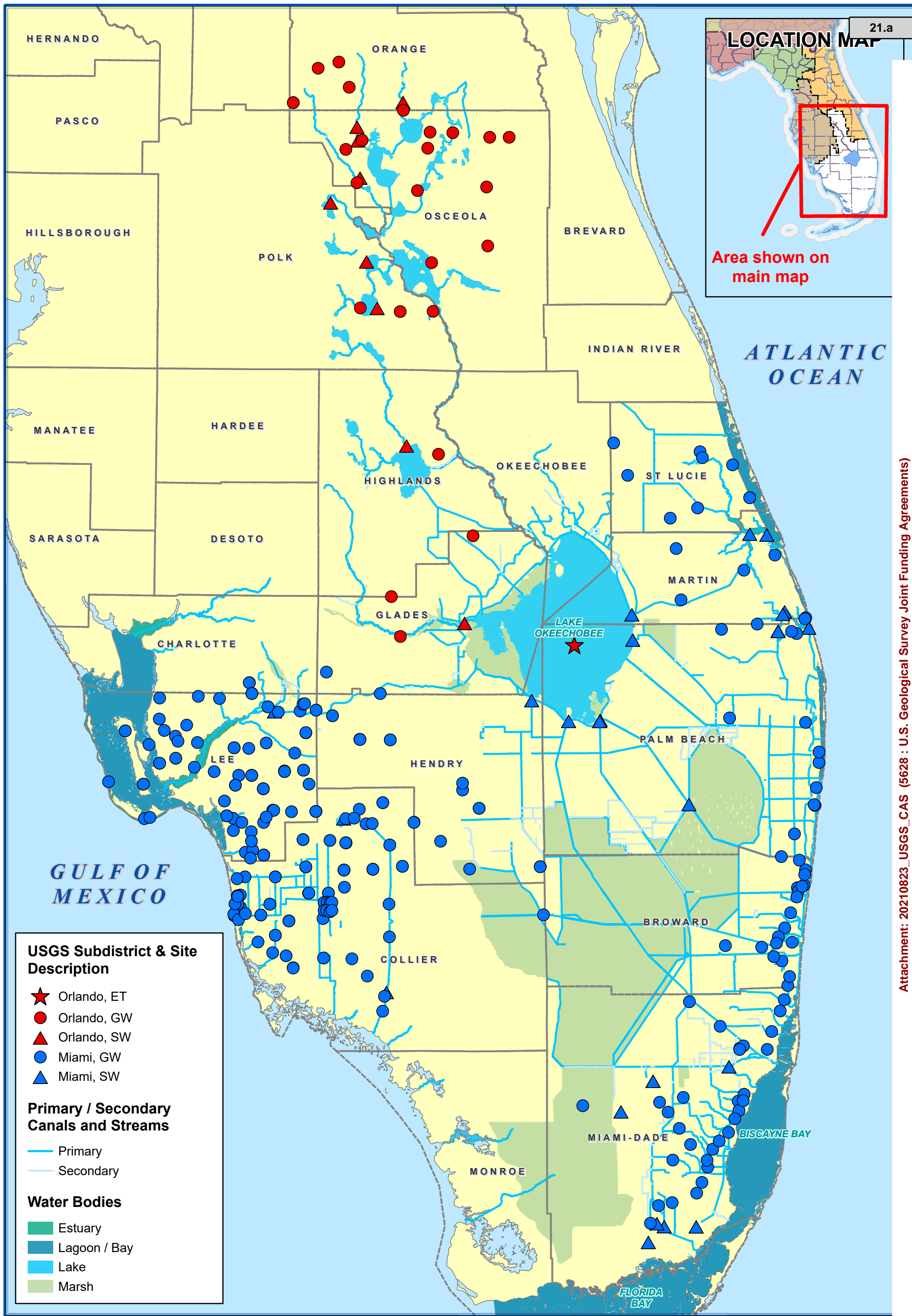
Priorities outlined in the District's Strategic Plan include preserving and protecting South Florida's ecosystem while providing for other water-related needs of the region, including water quality, water supply and flood protection. The monitoring support provided by USGS assists the District's efforts principally in meeting its water supply mission and protection of water resources.

### **Funding Source:**

These are Joint Funding Agreements with the USGS for which \$1,147,402 (Ft. Lauderdale) and \$303,718 (Orlando) in Ad Valorem funding are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget and the remainder is subject to Governing Board approval of future years budgets.

### **Staff Contact**

Akintunde Owosina, aowosin@sfwmd.gov, 561-682-2924



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

# Amendments to Joint Cooperative Agreement with the U.S. Geological Survey

Akintunde Owosina

Bureau Chief - Hydrology & Hydraulics

October Governing Board Meeting

September 9, 2021

[sfwmd.gov](http://sfwmd.gov)

# SCOPE OF WORK

Scope of Work Includes:

347 Stations in Total

- Ø 38 Surface Water Monitoring Stations
- Ø 307 Ground Water Monitoring Stations
- Ø 2 Evap/AT Monitoring Station
- Ø GW Web Conditions page



## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

## OBJECTIVE

Groundwater monitoring is critical to the District's water supply mission and its ability to:

- ✓ Monitor movement of the saltwater interface in our coastal aquifers
- ✓ Manage water resources during water shortages
- ✓ Calibrate and apply groundwater models that support water supply planning efforts
- ✓ Evaluate the effects of new projects on existing legal users of water

## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

## FEDERAL COST-SHARING

	2012 – 2018 (AVG)	2019	2020	2021	2022	2023 (Est)	2024 (Est)
<b>SFWMD</b>	\$1.4M	\$1.2M	\$1.3M	\$1.4M	\$1.4M	\$1.5M	\$1.5M
<b>USGS</b>	\$518K	\$370K	\$406K	\$423K	\$431K	\$444K	\$458K
<b>Total</b>	\$1.9M	\$1.6M	\$1.7M	\$1.8M	\$1.8M	\$1.9M	\$2.0M


 sfwmd.gov

## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Jennifer Reynolds, Director-Ecosystem Restoration & Capital Projects

**DATE:** September 09, 2021

**SUBJECT:** A. USGS Caribbean-Florida Water Science Center (Ft. Lauderdale)

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0914**

**A Resolution of the Governing Board of the South Florida Water Management District authorizing a Joint Funding Agreement with the United States Geological Survey, United States Department of the Interior, Caribbean-Florida Water Science Center (Ft. Lauderdale), for ground water, surface water, and evapotranspiration monitoring data for three years, in an amount not-to-exceed \$4,000,000 for which \$1,147,402 in Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted Budget and the remainder is subject to Governing Board approval of future years budgets; providing an effective date. (Contract No. 4600004465)**

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize entering into a three-year Joint Funding Agreement with the U.S. Geological Survey, United States Department of the Interior, Caribbean-Florida Water Science Center (Ft. Lauderdale) for groundwater, surface water, and evapotranspiration monitoring data.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby approves the three-year Joint Funding Agreement with the U. S. Geological Survey, United States Department of the Interior, Caribbean-Florida Integrated Science Center (Ft. Lauderdale). (Contract No. 4600004465)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

Legal form approved:  
By:

\_\_\_\_\_  
District Clerk/Secretary

\_\_\_\_\_  
Office of Counsel

Print name:  
  
\_\_\_\_\_



## **M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Jennifer Reynolds, Director-Ecosystem Restoration & Capital Projects

**DATE:** September 09, 2021

**SUBJECT:** B. USGS Caribbean-Florida Water Science Center (Orlando)

# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT**

## **Resolution No. 2021 - 0915**

**A Resolution of the Governing Board of the South Florida Water Management District authorizing a Joint Funding Agreement with the United States Geological Survey, United States Department of the Interior, Caribbean-Florida Water Science Center (Orlando), for ground water, surface water, and evapotranspiration monitoring data for three years, in an amount not-to-exceed \$1,000,000 for which \$303,718 in Ad Valorem funds are subject to Governing Board approval of the Fiscal Year 2021-2022 Adopted budget and the remainder is subject to Governing Board approval of future years budgets; providing an effective date. (Contract No. 4600004466)**

**WHEREAS**, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize entering into a three-year Joint Funding Agreement with the U.S. Geological Survey, United States Department of the Interior, Caribbean-Florida Water Science Center (Orlando) for groundwater, surface water, and evapotranspiration monitoring data.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes entering into a three-year Joint Funding Agreement with the U. S. Geological Survey, United States Department of the Interior, Caribbean-Florida Integrated Science Center (Orlando). (Contract No. 4600004466)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED and ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

Legal form approved:  
By:

\_\_\_\_\_  
District Clerk/Secretary

\_\_\_\_\_  
Office of Counsel

Print name:  
\_\_\_\_\_

## MEMORANDUM

**TO:** Governing Board Members

**FROM:** Jennifer Reynolds, Director-Ecosystem Restoration & Capital Projects

**DATE:** September 09, 2021

**SUBJECT:** G-341 Conveyance Improvements Phase 1: Bolles East (L16) Canal Improvements Segment 5 Star Farms Corporation Agreement

### **Agenda Item Background:**

As part of the Restoration Strategies Program, the G-341 Bolles Canal Conveyance Improvements Project improves the flow capacity of the Bolles East (L-16) Canal from the Hillsboro Canal to the North New River Canal. The project will provide the District with additional operational flexibility, provide a means to move stormwater east and west within the Everglades Agricultural Area, improve the efficiency of the STAs and help the District achieve its water quality goals. Replacement of the existing bridges crossing the canal was anticipated to be part of the conveyance improvements.

As a precursor to the construction of Segment 5, a Cooperative Agreement with the bridge owners is desired. The Cooperative Agreement is anticipated to hold Star Farms as bridge owners responsible for its Right-Of-Way permit modification, Environmental Resource Permit modification, design review of the proposed bridge, and the on-going maintenance of the new bridge. As part of the Cooperative Agreement, the District will be responsible for the demolition of the existing bridge and the construction of the new bridge. This agenda item authorizes the action of entering into a Cooperative Agreement with Star Farms Corporation. A similar agreement for the second bridge owner within Segment 5, Kennedy Farms, is anticipated to be placed on a Governing Board agenda in the near future.

### **Core Mission and Strategic Priorities:**

The RS G341 Bolles Canal Conveyance Improvements Project supports the District's core missions of flood protection, water supply and ecosystem restoration.

### **Staff Contact and/or Presenter:**

Alan Shirkey, ashirkey@sfwmd.gov, 561-680-2579

# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

## Resolution No. 2021 - 0916

**A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a Cooperative Agreement with Star Farms Corporation as part of the RS-G341 Conveyance Improvements Phase 1 Bolles East (L-16) Canal Conveyance Improvement Project - Segment 5 for the replacement of the Star Farms Bridge; providing an effective date. (Contract No. 4600004456)**

**WHEREAS**, the replacement of the bridge is anticipated to improve canal conveyance in the Bolles East Canal, and

**WHEREAS**, the Governing Board of South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize entering into a Cooperative Agreement with Star Farms Corporation.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:**

**Section 1.** The Governing Board of the South Florida Water Management District hereby authorizes entering into a Cooperative Agreement with Star Farms Corporation. (Contract No. 4600004456)

**Section 2.** This Resolution shall take effect immediately upon adoption.

**PASSED** and **ADOPTED** this 9<sup>th</sup> day of September, 2021.

SOUTH FLORIDA WATER MANAGEMENT  
DISTRICT, BY ITS GOVERNING BOARD  
By:

\_\_\_\_\_  
Chauncey P. Goss, II  
Chairman

Attest:

\_\_\_\_\_  
District Clerk/Secretary

Legal form approved:  
By:

\_\_\_\_\_  
Office of Counsel

Print name:

\_\_\_\_\_



# **G-341 CONVEYANCE IMPROVEMENTS PHASE 1: BOLLES EAST (L16) CANAL IMPROVEMENTS - SEGMENT 5 STAR FARMS CORPORATION AGREEMENT**

**Alan Shirkey, P.E.**  
**Bureau Chief, Engineering and Construction**  
**South Florida Water Management District**  
**Governing Board Meeting**  
**September 09, 2021**

**[sfwmd.gov](http://sfwmd.gov)**





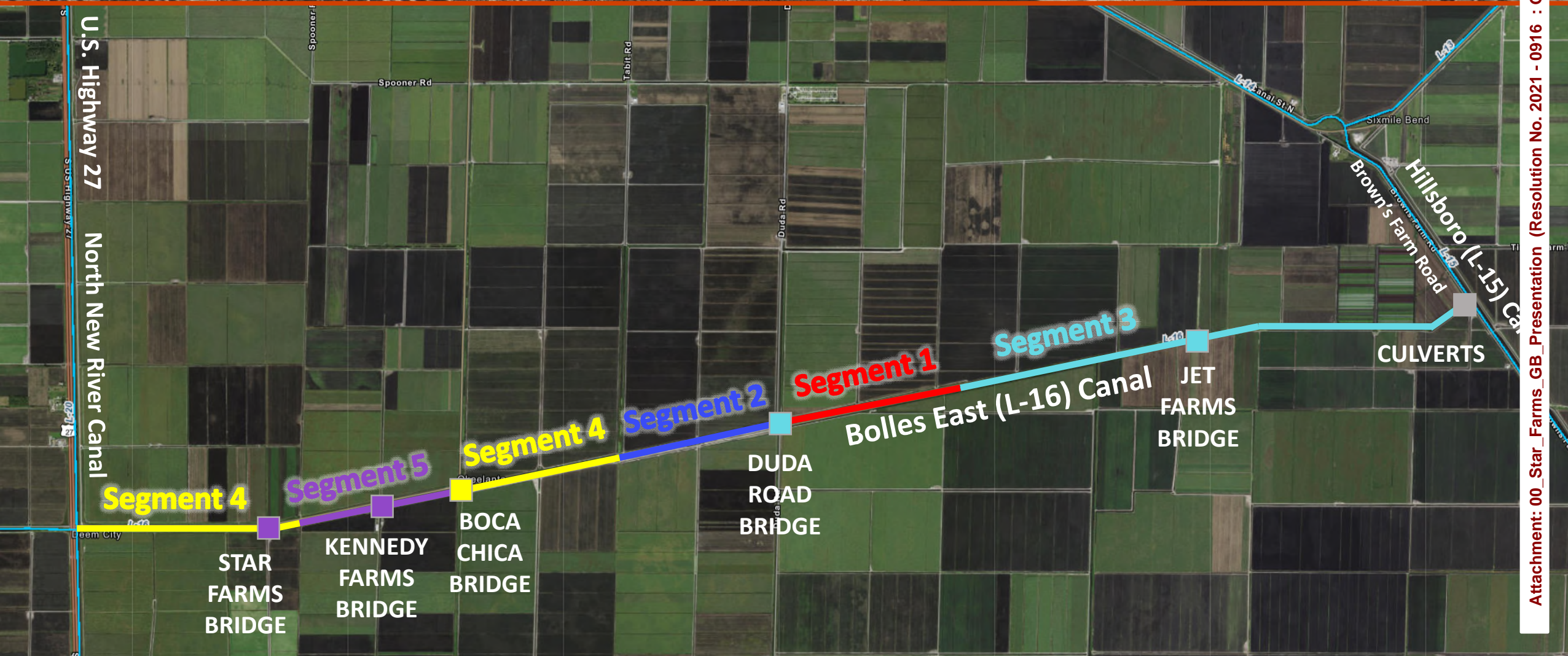
# Restoration Strategies - G341 Canal Conveyance Improvements: L-16 Bolles Canal Segment 5 Star Farms Agreement



- Star Farms Bridge Replacement is part of Segment 5 construction
- Cooperative Agreement is required prior to advertisement for construction
- Star Farms Corporation is responsible for its Right-Of-Way permit(s) modification, Environmental Resource Permit modification(s), review design of the proposed bridge, and on-going maintenance of the new bridge
- District is responsible for the demolition of the existing bridge, widening the canal, and the construction of the new bridge



# Project Location – Segment 5



**M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Lawrence Glenn, Division Director, Water Resources

**DATE:** September 09, 2021

**SUBJECT:** 2021 Upper East Coast Water Supply Plan Update Status

**Agenda Item Background:**

This presentation will provide an overview of the Draft 2021 Upper East Coast (UEC) Water Supply Plan Update; no action is required at this stage. Water supply plans are updated every five years and identify sustainable water supplies for all water users in the region while protecting water resources and related natural systems. Development of the 5-year update is nearing completion for the UEC Planning Area, which includes Martin, St. Lucie and northeastern Okeechobee counties. The Draft 2021 UEC Water Supply Plan Update was released for public review in August and is scheduled for Governing Board consideration in November 2021.

**Staff Contact and/or Presenter:**

Nancy Demonstranti, ndemonst@sfwmd.gov, (561) 682-2563



**M E M O R A N D U M**

**TO:** Governing Board Members

**FROM:** Candida Heater, Division Director, Administrative Services

**DATE:** September 09, 2021

**SUBJECT:** Monthly Financial Report

## M E M O R A N D U M

**TO:** Governing Board Members

**FROM:** Candida Heater, Director, Administrative Services Division

**DATE:** September 9, 2021

**SUBJECT:** Monthly Financial Statement – July 31, 2021

This report provides an overview of the District's unaudited financial activity for Fiscal Year 2020-2021, including revenue collections, expenditures and encumbrances made against the \$1.7 billion current budget, including a \$430 million encumbrance carryforward from Fiscal Year 2019-2020. The carryforward is predominantly planning, design and construction of large restoration projects. Encumbrances represent orders for goods and services which have not yet been received. Attached is a summary in the State Program format in compliance with Section 373.536(4)(e), Florida Statutes, which states that each District shall provide a monthly financial statement in the form and manner prescribed by the Department of Financial Services to the District's Governing Board and make such monthly financial statement available for public access on its website.

**Summary of Revenue Sources** - New operating revenue collected (excluding prior year reserves) totals **\$654.8 million**. Including reserves, the total Fiscal Year 2020-2021 revenue sources collected were 68.6% of budget or **\$1.1 billion**.

- Taxes collected in the amount of \$297.7 million or 99.4% were distributed to the District through the Tax Collectors within the District's 16 counties. Compared to the five-year average of 100.6, as of the end of July, tax collections are 1.2% below trend at this time in the fiscal year. The total amount of Ad Valorem the District levied was \$300.4 million and was discounted to \$288.3 million for budgeting purposes.
- Intergovernmental revenues of \$316.4 million were recognized as of the end of July. Intergovernmental revenues are comprised of local, state, and federal sources with the majority being allocated by the Florida Legislature. Specific funding sources include Save Our Everglades Trust Fund, Land Acquisition Trust Fund, Florida Fish and Wildlife Conservation Commission, Natural Resources Conservation Service and U.S. Army Corps of Engineers federal cost share of transferred projects. Most of these revenues are received through reimbursement requests submitted monthly or quarterly based on actual expenses incurred.
- Interest on Invested Funds of \$2 million was recognized as of the end of July. Last year, at this time, \$7.6 million was recognized.
- License and Permit Fees of \$6.2 million have been received, including \$1.6 million from Lake Belt mitigation fees, \$584,671 from Corkscrew Mitigation Bank, \$3.2 million from environmental resource permits, and \$544,850 from water use permits.

- Other budgeted revenues of \$32.6 million received include leases, sale of District property and revenue supporting District self-insured programs:
  - \$2.2 million in rock mining royalties have been collected and \$5 million in lease revenues, for a total of \$7.2 million. The timing of revenues received is based on the fee schedules within the agreements.
  - \$449,258 has been collected from cash discounts refunded from prior year expenditures, civil penalties, enforcement fees, and sale of recycled oil and scrap metal.
  - \$679,048 from the sale of District property has been received.
  - \$24.3 million in revenues recognized through the end of July for the District's self-insured programs. This includes District funding as well as premiums paid by employees, retirees, and COBRA participants.

**Summary of Expenditure and Encumbrance** - the District has spent **\$620.7 million** and has encumbered **\$561.3 million** of its budget. The District has obligated (encumbrances plus expenditures) **\$1.2 billion** of its budget.

- **Water Resources Planning and Monitoring Program** includes water supply and other water resources planning, development of minimum flows and levels and technical assistance (including local and regional plan and program review). District regional water supply plans for each planning area address the unique resources and needs of specific regions – Lower West Coast, Upper and Lower East Coast, Upper and Lower Kissimmee Basin. District work includes research, data collection, modeling, environmental monitoring and assessment activities that support various regulatory-driven mandates/agreements and comply with federal and state-issued permits for all restoration projects. Of the \$75.6 million budgeted for this program, the District has obligated \$54.6 million: \$37.3 million expended and \$17.3 million encumbered.
- **Land Acquisition, Restoration and Public Works Program** includes the acquisition, planning, design, engineering and construction of all restoration projects unique to the District including: Kissimmee River Restoration Project, Northern Everglades and Estuaries Protection Program (NEEPP), Everglades Forever Act (EFA), Critical Restoration, Comprehensive Everglades Restoration Plan (CERP) and Restoration Strategies (RS). This category also includes water resource development and water supply assistance projects, water control projects and cooperative projects. Of the \$1.1 billion budgeted for this program, the District has obligated \$818.4 million: \$344.4 million expended and \$474 million encumbered.
- **Operation and Maintenance of Lands and Works Program** includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, Florida Statutes. The District operates and maintains a multi-purpose water management system comprised of approximately 2,179 miles of canals and 2,131 miles of levees/berms, 87 pump stations, 781 water control structures and weirs, and 621 project culverts, throughout the Central and Southern Florida (C&SF) Project, Big Cypress Basin system, Storm Water Treatment Areas (STA's), CERP and RS completed projects. Of the \$374.9 million budgeted for this program, the District has obligated \$254.3 million: \$187.6 million expended and \$66.7 million encumbered.
- **Regulation Program** includes water use permitting, water well construction permitting, water well contractor licensing, environmental resource and surface water management permitting,

permit administration and enforcement, and any delegated regulatory program. Additional regulatory enforcement activities include the Southern and Northern Everglades Nutrient Source Control Program, and the Everglades Long-Term Plan, which mandates the implementation of Best Management Practices (BMP) programs in the Everglades Construction Project (ECP) and non-ECP Basins for the Southern Everglades. Of the \$22.5 million budgeted for this program, the District has obligated \$16.2 million: \$15.8 million expended and \$0.4 million encumbered.

- **Outreach Program** includes all environmental education activities, such as water conservation campaigns and water resource education; public information activities; activities relating to local, regional, state, and federal governmental affairs; and all public relations activities, including public service announcements and advertising in any media. Of the \$1.3 million budgeted for this program, the District has obligated \$1 million: \$996,834 is expended and \$10,313 is encumbered.
- **District Management and Administration** includes all Governing and Basin Board support, executive support; management information systems, unrestricted reserves; and general counsel, ombudsman, human resources, budget, finance, audit, risk management, and administrative services. Additionally, this program includes property appraiser, tax collector & self-insurance fees in support of district and basin activities. Of the \$42.6 million budgeted for this program, the District has obligated \$37.5 million: \$34.5 million expended and \$3 million encumbered.

We hope this report will aid in understanding the District's financial condition as well as expenditure performance against the approved budget. If you have any questions, please feel free to contact me at (561) 682-6486.

CJH/MD  
Attachment

**South Florida Water Management District**  
**Statement of Sources and Uses of Funds (Unaudited)**  
For the month ended: July 31, 2021. Percent of fiscal year completed: 83.3%

Sources	CURRENT BUDGET	Actuals Through July 2021	VARIANCE (UNDER) / OVER BUDGET	ACTUALS AS A % OF BUDGET
Taxes <sup>1</sup>	\$ 299,332,990	\$ 297,683,501	\$ (1,649,489)	99.4%
Intergovernmental	824,452,861	316,392,539	(508,060,322)	38.4%
Interest on Invested Funds	4,697,608	1,955,925	(2,741,683)	41.6%
Licenses Permits & Fees	3,441,000	6,187,285	2,746,285	179.8%
Other <sup>2</sup>	42,800,083	32,623,765	(10,176,318)	76.2%
<b>SUB-TOTAL OPERATING REVENUES</b>	<b>1,174,724,542</b>	<b>654,843,015</b>	<b>(519,881,527)</b>	<b>55.7%</b>
Reserves	481,121,349	481,121,349	-	100.0%
<b>Total Sources</b>	<b>\$ 1,655,845,891</b>	<b>\$ 1,135,964,364</b>	<b>\$ (519,881,527)</b>	<b>68.6%</b>

<sup>1</sup> Includes Ad Valorem and Agricultural Privilege Taxes.

<sup>2</sup> Includes Leases, Sale of District Property, and Self Insurance Premiums.

Uses	CONSUMABLE BUDGET	EXPENDITURES	ENCUMBRANCES <sup>3</sup>	AVAILABLE BUDGET	% EXPENDED	% OBLIGATED <sup>4</sup>
Water Resources Planning and Monitoring	\$ 75,636,914	\$ 37,332,637	\$ 17,250,839	\$ 21,053,438	49.4%	72.2%
Land Acquisition, Restoration and Public Works	1,138,999,367	344,369,709	473,991,968	320,637,690	30.2%	71.8%
Operation and Maintenance of Lands and Works	374,892,309	187,602,976	66,729,955	120,559,377	50.0%	67.8%
Regulation	22,500,778	15,855,627	366,059	6,279,092	70.5%	72.1%
Outreach	1,255,074	996,834	10,313	247,927	79.4%	80.2%
District Management and Administration	42,561,449	34,550,043	2,964,505	5,046,901	81.2%	88.1%
<b>Total Uses</b>	<b>\$ 1,655,845,891</b>	<b>\$ 620,707,826</b>	<b>\$ 561,313,640</b>	<b>\$ 473,824,425</b>	<b>37.5%</b>	<b>71.4%</b>

<sup>3</sup> Encumbrances represent unexpended balances of open purchase orders and contracts.

<sup>4</sup> Represents the sum of expenditures and encumbrances as a percentage of the current budget.

This unaudited financial statement is prepared as of July 31, 2021, and covers the interim period since the most recent audited financial statement.