



South Florida Water Management District

GOVERNING BOARD MONTHLY MEETING AGENDA

February 9, 2023

9:00 AM

Ft. Lauderdale Marriott Coral Springs Hotel & Convention Center
Royal Poinciana and Orchid Rooms
11775 Heron Bay Boulevard
Coral Springs, FL 33076

FINAL

1. Call to Order - Chauncey Goss, Chairman, Governing Board
2. Pledge of Allegiance
3. Recognition of Elected Officials
4. Employee Recognitions

January Employee of the Month: Courtney Pisano, Project Control Specialist
January Team of the Month: Accounts Payable Team
February Employee of the Month: Anton Scott, Ft. Lauderdale Field Station S-140
Pump Station Operator
February Team of the Month: L-8 Cofferdam Project Team

5. Agenda Revisions
6. Agenda Item Abstentions by Board Members
7. Audit & Finance Committee Report - Jay Steinle, Chairman
8. Consider Approval of the Minutes for the December 8, 2022 Meeting
9. Executive Director's Report - Drew Bartlett

- Spotlight on Broward County

10. General Public Comment
11. Board Comment
12. Move Consent Agenda Items to Discussion Agenda
13. Public Comment on Consent Agenda Items
14. Board Vote on Consent Agenda

Consent Agenda

15. Parking Lease Extensions, Miami-Dade County (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District wishes to extend two C-2 Snapper Creek Canal right of way parking leases for ten years. The District acquired 3.68 acres along the right of way of the C-2 Snapper Creek Canal: A) TC Waterside Realty, LLC currently leases 0.22 acres and, B) Villas of Pinecrest leases 0.56 acres for the sole purpose of providing additional parking for the tenants and guests of TC Waterside Apartments and Villas of Pinecrest Condominiums. If approved, the leases will extend to January 27, 2033. The lease has a provision for termination by the District for convenience of 180 days. The approximate combined annual revenue will be \$63,000.

Recommended Action:

Resolution No. 2023 - 0201 Authorize a ten-year parking lease extension to TC Waterside Realty, LLC on 0.22 acres, more or less, in Miami-Dade County. (Contract No. 4600002867-A01)

Resolution No. 2023 - 0202 Authorize a ten-year parking lease extension to Villas of Pinecrest Condominium Association, Inc. on 0.56 acres, more or less, in Miami-Dade County. (Contract No. 4600002820-A01)

[Resolution No. 2023-0201](#)

[Resolution Exhibit A](#)

[Resolution No. 2023-0202](#)

[Resolution Exhibit A](#)

16. C-457 Interconnect Canal, Right of Way Agreement Amendment with Florida Power & Light Company, Martin County (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District is in the process of constructing the C-457 Interconnect Canal as part of the District's C-23 Estuary Discharge Diversion Project. Florida Power & Light Company (FPL) has an existing utility easement that encumbers a portion of the C-457 Canal area within which FPL operates, maintains, and accesses electric utility improvements. The construction of the C-457 Canal will obstruct a portion of FPL's access pursuant to its Easement. FPL and the District will (i) amend FPL's existing

easement to provide FPL with an alternate access area to replace the obstructed access and (ii) amend the existing 2014 FPL-District C-44 Consent Agreement to specifically identify and authorize the applicable C-457 Canal water management improvements associated with the areas where FPL's access is obstructed and where the alternate access has been granted.

Recommended Action:

Resolution No. 2023 - 0203 Authorize an amendment to an existing FPL easement encumbering real property owned by the District in Martin County, whereby the District will provide FPL with a 0.96 acre, more or less, access easement area as a replacement to FPL's current access that will be obstructed by the C-457 Interconnect Canal, in exchange for an amendment to an existing Right of Way Consent Agreement between FPL and the District authorizing certain District C-457 improvements that are located within the existing FPL easement; approving declaring surplus for exchange and conveyance replacement access easement interests encumbering 0.96 acre, more or less.

[Resolution No. 2023-0203](#)

[Resolution Exhibit A](#)

17. Exchange Agreement with Walsh, Martin County (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District has previously acquired all lands for the C-44 Reservoir Project. In order to complete the District's right of way rights with respect to the intake canal that runs south, to the north boundary line of the C-44 Canal, the District has entered into an Exchange Agreement with Joseph W. Walsh. Under the terms of this Exchange Agreement, the District will convey fee title land interests containing 0.19 acres, more or less, subject to a reserved right of way easement, in exchange for the acquisition of fee title land interests containing 1.57 acres, more or less, and right of way easement interests containing 0.28 acres, more or less.

Recommended Action:

Resolution No. 2023 - 0204 Approve declaring surplus for exchange and conveyance fee title land interests containing 0.19 acres, more or less, subject to a reserved right of way easement, in exchange for the acquisition of fee title land interests containing 1.57 acres, more or less, and right of way easement interests containing 0.28 acres, more or less, within the District's C-44 Reservoir Project, all in Martin County.

[Resolution No. 2023-0204](#)

[Resolution Exhibit A](#)

18. Temporary Access Easement to St. Lucie County, Indian River Lagoon South Project, C-23/C-24 South Reservoir Component (Staff contact, Stephen M. Collins)

Agenda Item Background:

The District has acquired lands in connection with the Indian River Lagoon South Project, C-23/C-24 South Reservoir Component. St. Lucie County owns an approximately 755-acre parcel directly south and adjacent to the District owned lands within which the County has created a public recreational use area known as the Pinelands Preserve area. Features available to the public within the Pinelands

Preserve area include a large stand of pristine pine flatwoods, several picnic areas, seven miles of multiuse (hiking, biking, equestrian) trails, and two elevated observation towers that overlook saw grass marshes. The Pinelands Preserve area is also a destination on the State's Great Florida Birding Trail. The County has requested a temporary access easement, for a term commencing immediately and terminating in sixty months, with respect to a 13.95 acres, more or less, area of the District lands for the purpose of public access to and from Okeechobee Road (S.R. 70) and the County parcel and Pinelands Preserve area.

Recommended Action:

Resolution No. 2023 - 0205 Approve granting to St. Lucie County a temporary access and maintenance easement containing 13.95 acres, more or less, in St. Lucie County within the Indian River Lagoon South Project, C-23/C-24 South Reservoir Component.

[Map](#)

[Resolution No. 2023-0205](#)

19. Land Exchange with Lee County (Staff contact, Stephen M. Collins)

Agenda Item Background:

Lee County is bringing an eminent domain suit against the District to acquire easement interests in portions of two access easements to accommodate the planned widening of Corkscrew Road (the "Project"). These easement interests contain a total of approximately 3,750 square feet, being 25x90 feet, and 25x60 feet in size, respectively, that are currently unimproved and inaccessible. To resolve this matter, in exchange for the easement interests, Lee County will grant a temporary access easement to the District during construction of Corkscrew Road through an adjacent County-owned property. This temporary access will provide District staff with access to District lands for land management purposes throughout construction. As part of the Project, Lee County is also improving a portion of the District's existing easement by creating a new access road south from Corkscrew Road, which will provide permanent access to District lands.

Recommended Action:

Resolution No. 2023 - 0206 Resolve an imminent condemnation action by authorizing partial release of access easement interests in portions of two access easements containing 3,750 square feet, more or less, in exchange for a temporary access easement from Lee County, all in Lee County.

[Resolution No. 2023-0206](#)

[Resolution Exhibit A](#)

[Resolution Exhibit B](#)

20. 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 for the reservations. 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:

Palm Beach County

Release District canal and road reservations for Lynx at Lake Worth, LLC, a Florida limited liability company (File No. 18920) for 10.00 +/- acres; subject to payment of release value of \$9,225.

Recommended Action:

Resolution No. 2023 - 0207 Release District canal and road reservations.

[Map](#)

[Memorandum Exhibit A](#)

[Resolution No. 2023-0207](#)

[Resolution Exhibit A](#)

21. Stipulation for Settlement (Staff contact, Julia Lomonico)

Agenda Item Background:

On July 5, 1994, a District employee injured themselves while performing District work. The employee has agreed to a lump-sum settlement under Subsection 440.20 (11), Florida Statutes, to address the injury. Accordingly, staff seeks authorization to enter into a Stipulated Settlement Agreement for \$400,000.00 which will include professionally administered Medicare Set-Aside fees, attorneys' fees, future benefits, and costs.

Recommended Action:

Resolution No. 2023 - 0208 Authorize a Settlement for the sum of \$400,000, inclusive of a CMS-approved Medicare Set-Aside (MSA), attorneys' fees, future benefits and costs and authorize the Executive Director to execute a Stipulation for Settlement and Final Judgment in a workers compensation case styled Edward Gonzalez v. South Florida Water Management District and Johns Eastern Company filed in the Division of Administrative Hearings Office of the Judges of Compensation Claims for Okeechobee County, Florida, OJCC Case No. 94-009326 LMS.

[Resolution No. 2023-0208](#)

22. Partnership with U. S. Army Corps of Engineers Engineer Research and Development Center (USACE-ERDC) to Optimize Lake Okeechobee Bloom Treatment Technology to Protect Coastal Communities (Staff contact, Lawrence Glenn)

Agenda Item Background:

Staff is seeking Governing Board approval to enter into contracts with 1) Florida Gulf Coast University and 2) NOVA Southeastern University to optimize algal bloom treatment in Lake Okeechobee. Due to the increase in algal bloom frequency in Lake Okeechobee in recent years, the District implemented a proactive approach to the

treatment of blooms at critical structures that deliver water to areas of increased public use to help safeguard human health and safety. The District successfully competed for grant funding from the U.S. Army Corps of Engineers-Engineer Research and Development Center (USACE-ERDC) to test treatment optimization, before and during the 2023 and 2024 bloom seasons. The District intends to enter into two-year contracts with 1) Florida Gulf Coast University and 2) NOVA Southeastern University to carry out the treatment studies subsequent to execution of a cooperative grant agreement between the District and the USACE-ERDC.

Recommended Action:

Resolution No. 2023 - 0209 Authorize entering into two-year contracts with 1) Florida Gulf Coast University (Contract Number 4600004709), in the amount of \$321,374.50 and 2) NOVA Southeastern University (Contract Number 4600004710), in the amount of \$260,902.65 to Optimize Lake Okeechobee Bloom Treatment Technology to Protect Coastal Communities, for which dedicated funds (External Grants - Federal) are budgeted, subject to execution of a reimbursement grant agreement with the U.S. Army Corps of Engineers-Engineer Research and Development Center.

[Resolution No. 2023-0209](#)

23. Change Order No. 2 with Ryan Incorporated Southern, STA-2 Refurbishments Project, Palm Beach County (Staff contact, Alan Shirkey)

Agenda Item Background:

As part of the District's Stormwater Treatment Area (STA) Refurbishments Program, the STA-2 Refurbishments Project corrects outflow performance due to poor vegetation, inappropriate grades, and deteriorated canal plugs. Correcting Flow-way 2 mimics conditions of Flow-ways 1, 4, and 5 that have shown better results historically, improving the overall STA's performance. This is addressed by regrading areas within the cell, constructing inflow energy dissipators, and restoring canal plugs. The Project uses imported soils supplemented by suitable excess soils from degraded areas. A change order in the amount of \$2,183,000 is recommended as the outcome of dispute resolution during step negotiations, which are required by the contract. This change order would resolve three separate contractor claims and close out the project.

Recommended Action:

Resolution No. 2023 - 0210 Authorize executing Change Order No. 2 with Ryan Incorporated Southern, for the STA-2 Refurbishments Project, in the amount of \$2,183,000 for which Ad Valorem and dedicated funds (Everglades Trust Fund) are budgeted in Fiscal Year 2022-2023. (Contract No. 4600004311)

[Resolution No. 2023-0210](#)

[Background Information](#)

24. STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project, Palm Beach County (Staff contact, Alan Shirkey)

Agenda Item Background:

As part of the District's STA Refurbishments Program, the STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project will correct deteriorated canal plugs which allow short-circuits in water flow to develop. This will be achieved by restoring canal plugs

and forcing the water flow through the treatment area vegetation. The Project will use imported soils procured by this Project. The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids procurements, this item was competitively bid through a sealed bid process.

Recommended Action:

Resolution No. 2023 - 0211 Authorize entering into a 170-day contract with Ryan Incorporated Southern, the lowest responsive and responsible bidder for the STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project, in the amount of \$3,896,700, for which Ad Valorem and dedicated funds (Everglades Trust Fund) are budgeted in Fiscal Year 2022-2023. (Contract No. 4600004717)

[Resolution No. 2023-0211](#)

[Background Information](#)

[Preliminary Notice of Intent to Award](#)

25. Procurement of Portable Pumps (Staff contact, Rich Virgil)

Agenda Item Background:

During Hurricane Ian, the District deployed several portable pumps from private vendors to reduce flooding in communities affected by the storm's rainfall. During emergency events, the District often competes for portable pumps with other government agencies and response organizations. To support a more efficient response in the future, District staff are recommending the purchase of portable pumps that can be rapidly staged and deployed throughout the District's 16-county region. Portable pumps can be used to quickly dewater sites, move water more efficiently through the flood control system, and move water into sites where additional water is needed.

Recommended Action:

Resolution No. 2023 - 0212 Authorize the purchase of four portable pumps using the Florida Sheriffs Association Contract FSA-EQU18.00 with Holland Pump Company for the purpose of providing a complete Pump/Engine/Fuel Tank/Skid and accessories bundle capable of being deployed in response to rain events and emergency situations, in an amount not-to-exceed \$1,397,648 for which Ad Valorem funds are budgeted in Fiscal Year 2022-2023. (Purchase Order No. 4500139753)

[Resolution No. 2023-0212](#)

[Background Information](#)

26. Mowing Contracts (Staff contact, Rich Virgil)

A. Clewiston Field Station Area of Responsibility, Palm Beach, Hendry, Glades and Broward Counties

Agenda Item Background:

Maintenance of District lands and rights of way is required to ensure that vegetation is controlled at the appropriate height to provide for optimal performance and operational efficiency of the District's flood control system. This contract is for right of way mowing services of approximately 13,116 acres of various District lands and canal and levee

rights of way in the Clewiston Field Station area of responsibility, including Palm Beach, Hendry, Glades and Broward counties.

Recommended Action:

Resolution No. 2023 - 0213 Authorize entering into a 3-year contract with two 1-year renewal options with CM Harris, Inc., the lowest responsive and responsible bidder, for right of way mowing services of various District lands and canal and levee rights of way in the Clewiston Field Station area of responsibility, including Palm Beach, Hendry, Glades and Broward counties, in an amount not-to-exceed \$1,767,381 for which \$179,326 in Ad Valorem funds is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets. (Contract No. 4600004708)

[Resolution No. 2023-0213](#)

[Background Information](#)

B. Okeechobee Field Station Area of Responsibility, Martin and St. Lucie Counties and Portions of Glades, Highlands and Okeechobee Counties

Agenda Item Background:

Maintenance of District lands is required to ensure that vegetation is controlled at the appropriate height to provide for optimal performance and operational efficiency of the District's flood control system. This contract is for right of way mowing services of approximately 40,748 acres of various District lands and canal and levee rights of way in the Okeechobee Field Station area of responsibility, including Martin and St. Lucie counties and portions of Glades, Highlands and Okeechobee counties.

Recommended Action:

Resolution No. 2023 - 0214 Authorize a 3-year contract with two 1-year renewal options with Chavez's Lawn Services, Inc., the lowest responsive and responsible bidder, for right of way mowing services of various District lands and canal and levee rights of way in the Okeechobee Field Station area of responsibility, including Martin and St. Lucie counties and portions of Glades, Highlands and Okeechobee counties, in an amount not-to-exceed \$4,258,166 for which \$428,222 is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets. (Contract No. 4600004706)

[Resolution No. 2023-0214](#)

[Background Information](#)

C. West Palm Beach Field Station Area of Responsibility, Palm Beach County

Agenda Item Background:

Maintenance of District lands is required to ensure that vegetation is controlled at the appropriate height to provide for optimal performance and operational efficiency of the District's flood control system. This contract is for right of way mowing services of approximately 21,588 acres of various District lands and canal and levee rights of way in the West Palm Beach Field Station area of responsibility.

Recommended Action:

Resolution No. 2023 - 0215 Authorize entering into a 3-year contract with two 1-

year renewal options with Treasure Coast Lawns, Inc., the lowest responsive and responsible bidder, for right of way mowing services of various District lands and canal and levee rights of way in the West Palm Beach Field Station area of responsibility, in an amount not-to-exceed \$2,337,872.46 for which \$350,681 in Ad Valorem funds is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets. (Contract No. 4600004711)

[Resolution No. 2023-0215](#)
[Background Information](#)

Technical Reports

27. Water Conditions Report - John P. Mitnik
28. Ecological Conditions Report - Lawrence Glenn

Discussion Agenda

29. Response to Governor DeSantis' Executive Order Number 23-06 (Achieving *Even More Now* for Florida's Environment) (Staff contact, Drew Bartlett)

Agenda Item Background:

On January 10, 2023, Governor Ron DeSantis signed Executive Order 23-06: Achieving *Even More Now* for Florida's Environment, and this agenda item provides an overview of the District's approach to support the implementation of the order. It lays out the State of Florida's plan to advance the protection of Florida's environment and water quality. In addition, the order calls for \$3.5 billion in state investment over four years for Everglades restoration and the protection of Florida's water resources. The order also provides several directives to the District including expediting District-led Everglades restoration projects, working with the U.S. Army Corps of Engineers (USACE) to advance projects efforts, and reporting the progress of USACE projects to the Governing Board. District staff have identified opportunities to achieve even more now for America's Everglades and will review these approaches with the Governing Board.

[Executive Order 23-06: Achieving Even More Now for Florida's Environment](#)

Staff Reports

30. Monthly Financial Report - Candida Heater
 - Fiscal Year 2021-2022 Annual Work Plan Performance
31. General Counsel's Report - Julia Lomonico, Interim General Counsel
32. General Public Comment
33. Board Comment
34. Adjourn

Presentations for Agenda items 27, 28 and 29.

Agenda Item Background:

[27 Mitnik Water Conditions Report](#)

[28 Glenn Ecological Conditions Report](#)

[29 Bartlett District Response to Executive Order 23-06](#)

Public Comment Procedure

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.

MEMORANDUM

TO: Governing Board Members

FROM: Stephen M. Collins, Real Estate & Land Management

DATE: February 9, 2023

SUBJECT: Parking Lease Extensions, Miami-Dade County

Agenda Item Background:

The District wishes to extend two C-2 Snapper Creek Canal right of way parking leases for ten years. The District acquired 3.68 acres along the right of way of the C-2 Snapper Creek Canal: A) TC Waterside Realty, LLC currently leases 0.22 acres and, B) Villas of Pinecrest leases 0.56 acres for the sole purpose of providing additional parking for the tenants and guests of TC Waterside Apartments and Villas of Pinecrest Condominiums. If approved, the leases will extend to January 27, 2033. The lease has a provision for termination by the District for convenience of 180 days. The approximate combined annual revenue will be \$63,000.

Additional Item Background:

A. TC Waterside Realty, LLC, Parking Lease, Miami-Dade County

The District initially acquired this property on December 8, 1955. The property is located along the right of way of the C-2 (Snapper Creek Canal) in Miami-Dade County. The District currently leases 0.22 acres to TC Waterside Realty, LLC. The lease began July 28, 1992 and the current amendment is set to expire on January 27, 2023. The District and the Lessee wish to extend the term of the lease for ten years. The District will not solicit bids because the only access to the parking area is through TC Waterside's property. All leased lands are inspected on a semi-annual basis. The lease has a provision for termination by the District for convenience of 180 days. The annual rent is based on a market rent appraisal. The approximate annual revenue will be \$18,000.

B. Villas of Pinecrest Condominium Association, Inc. Parking Lease, Miami-Dade County

The District initially acquired this property on December 8, 1955. The property is located along the right of way of the C-2 (Snapper Creek Canal) in Miami-Dade County. The District currently leases 0.56 acres to Villas of Pinecrest Condominium Association, Inc. The lease began July 28, 1992 and the current amendment is set to expire on January 27, 2023. The District and the Lessee wish to extend the term of the lease for ten years. The district will not solicit bids because the only access to the parking area is through Villas of Pinecrest's property. All leased lands are inspected on a semi-annual basis. The lease has a provision for termination by the District for convenience of 180 days. The annual rent is based on a market rent appraisal. The approximate annual revenue will be \$45,000.

Core Mission and Strategic Priorities:

The objective of this Lease is to obtain assistance in the stewardship and maintenance of this land. The Lessee will maintain the property by frequently cleaning and mowing the property. The revenues generated from this Lease will assist Land Stewardship in managing this and

other District-owned lands.

Funding Source:

A. There are no District costs associated with this item other than the cost of administering the lease. The Lease is estimated to bring in anticipated revenue of approximately \$180,000 over the ten-year term.

B. There are no District costs associated with this item other than the cost of administering the lease. The Lease is estimated to bring in anticipated revenue of approximately \$450,000 over the ten-year term.

Staff Contact and/or Presenter:

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

ATTACHMENTS:

[Resolution No. 2023-0201](#)

[Resolution Exhibit A](#)

[Resolution No. 2023-0202](#)

[Resolution Exhibit A](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District authorizing a ten-year parking lease extension to TC Waterside Realty, LLC on 0.22 acres, more or less, in Miami-Dade County, as more particularly described herein; providing an effective date. (Contract No. 4600002867-A01)

WHEREAS, the Governing Board, pursuant to Section 373.093, Florida Statutes, may lease lands or interests in land under terms and conditions determined by the Governing Board; and

WHEREAS, the District and the Lessee desire to extend the Lease Contract No. 4600002867, Lease Encumbrance ID AZ10E-003, for ten years; and

WHEREAS, the Lessee's main use of the premises is to provide additional parking for the tenants and guests; and

WHEREAS, the District's current lease to TC Waterside Realty, LLC, began July 28, 1992 and the current amendment expires January 27, 2023. The proposed amendment will be for a lease extension for ten years, with an expiration date of January 27, 2033; and

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize the ten-year extension for parking on 0.22 acres, more or less, in Miami-Dade County, see Exhibit "A", with ten-year anticipated revenue in the amount of approximately \$180,000.

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 a ten-year extension for Contract No. 4600002867-A01, a parking lease with TC Waterside Realty, LLC on 0.22 acres, more or less, in Miami-Dade County. (Contract No. 4600002867-A01)

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

PASSED and ADOPTED this 9th day of February, 2023.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District authorizing a ten-year parking lease extension to Villas of Pinecrest Condominium Association, Inc. on 0.56 acres, more or less, in Miami-Dade County, as more particularly described herein; providing an effective date. (Contract No. 4600002820-A01)

WHEREAS, the Governing Board, pursuant to Section 373.093, Florida Statutes, may lease lands or interests in land under terms and conditions determined by the Governing Board; and

WHEREAS, the District and the Lessee desire to extend the Lease Contract No. 4600002820, Lease Encumbrance ID AZ10E-004, for ten years; and

WHEREAS, the Lessee's main use of the premises is to provide additional parking for the tenants and guests; and

WHEREAS, the District's current lease to Villas of Pinecrest Condominium Association, Inc., began July 28, 1992 and the current amendment expires January 27, 2023. The proposed amendment will be for a lease extension for ten years, with an expiration date of January 27, 2033; and

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize the ten-year extension for parking on 0.56 acres, more or less, in Miami-Dade County, see Exhibit "A", with ten-year anticipated revenue in the amount of approximately \$450,000.

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 a ten-year extension for Contract No. 4600002820-A01, a parking lease with Villas of Pinecrest Condominium Association, Inc. on 0.56 acres, more or less, in Miami-Dade County. (Contract No. 4600002820-A01)

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

PASSED and ADOPTED this 9th day of February, 2023.

MEMORANDUM

TO: Governing Board Members

FROM: Stephen M. Collins, Real Estate & Land Management

DATE: February 9, 2023

SUBJECT: C-457 Interconnect Canal, Right of Way Agreement Amendment with Florida Power & Light Company, Martin County

Agenda Item Background:

The District is in the process of constructing the C-457 Interconnect Canal as part of the District's C-23 Estuary Discharge Diversion Project. Florida Power & Light Company (FPL) has an existing utility easement that encumbers a portion of the C-457 Canal area within which FPL operates, maintains, and accesses electric utility improvements. The construction of the C-457 Canal will obstruct a portion of FPL's access pursuant to its Easement. FPL and the District will (i) amend FPL's existing easement to provide FPL with an alternate access area to replace the obstructed access and (ii) amend the existing 2014 FPL-District C-44 Consent Agreement to specifically identify and authorize the applicable C-457 Canal water management improvements associated with the areas where FPL's access is obstructed and where the alternate access has been granted.

Additional Item Background:

The District and FPL entered into a C-44 Project Right of Way Consent Agreement on December 9, 2014 (the "Consent Agreement") whereby FPL authorizes the District to construct, operate and maintain specifically identified water management improvements associated with the C-44 that are located within areas encumbered by existing FPL utility easements. The construction of the C-457 Canal will obstruct a portion of FPL's existing access, pursuant to the FPL Easement. FPL and the District will (i) amend the FPL Easement (the "Easement Amendment") to provide FPL with an alternate access area to replace FPL's obstructed access ("Replacement Access Easement Interest") and (ii) amend the Consent Agreement to specifically identify and authorize the applicable C-457 Canal water management improvements associated with the areas where the access is obstructed and where the alternate access has been granted ("FPL Modified Easement Rights"). The map attached hereto as Exhibit "A" generally depicts the applicable areas.

Core Mission and Strategic Priorities:

The C-457 Canal and District's C-23 Estuary Discharge Diversion Project supports the District's core mission of Ecosystem Restoration by capturing excess flows to the St. Lucie Estuary. This C-457 Canal will provide a connection from the District's C-23 Canal to the District's C-44 Reservoir.

Funding Source:

There is no purchase price to fund. The only closing costs the District will incur will be for recording Easement Amendment. These costs will be funded from ad valorem funds.

Staff Contact and/or Presenter:

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

ATTACHMENTS:

[Resolution No. 2023-0203](#)

[Resolution Exhibit A](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District authorizing an amendment to an existing Florida Power and Light Company (“FPL”) easement encumbering real property owned by the District in Martin County, whereby the District will provide FPL with a 0.96 acre, more or less, access easement area as a replacement to FPL’s current access that will be obstructed by the C-457 Interconnect Canal, in exchange for an amendment to an existing Right of Way Consent Agreement between FPL and the District authorizing certain District C-457 improvements that are located within the existing FPL easement; approving declaring surplus for exchange and conveyance replacement access easement interests encumbering 0.96 acre, more or less; providing an effective date.

WHEREAS, the District is in the process of constructing the C-457 Interconnect Canal in Martin County (“C-457 Canal”) as part of the District’s C-23 Estuary Discharge Diversion Project that will provide a connection from the District’s C-23 Canal to the District’s C-44 Reservoir; and

WHEREAS, Florida Power & Light Company (“FPL”) has an existing utility easement that encumbers a portion of the C-457 Canal area within which FPL operates, maintains, and accesses electric utility improvements (“FPL Easement”), the area being generally depicted in Exhibit A attached hereto; and

WHEREAS, the District and FPL entered into a C-44 Project Right of Way Consent Agreement on December 9, 2014 (the “Consent Agreement”) whereby FPL authorizes the District to construct, operate and maintain specifically identified water management improvements associated with the C-44 that are located within areas encumbered by existing FPL utility easements; and

WHEREAS, the construction of the C-457 Canal will obstruct a portion of FPL’s access pursuant to the FPL Easement; and

WHEREAS, FPL and the District will amend the FPL Easement (the “Easement Amendment”) so that FPL is provided a 0.96 acre, more or less, alternate access area to replace FPL’s obstructed access (“Replacement Access Easement Interest”), the area being generally depicted in Exhibit A attached hereto; and

WHEREAS, as title to the lands that will be encumbered by the Replacement Access Easement Interest is shared with Martin County, Martin County will join in the Easement Amendment; and

WHEREAS, FPL and the District will amend the Consent Agreement (the “Consent Agreement Amendment”) to authorize certain District C-457 improvements that are located within the existing FPL easement, effectively modifying FPL’s rights under the FPL Easement (“FPL Modified Easement Rights”); and

WHEREAS, the District is authorized to enter into the Easement Amendment and the Consent Agreement Amendment, which serves to exchange the Replacement Access Easement Interest for the FPL Modified Easement Rights, pursuant to Section 373.089, Florida Statutes, which authorizes the District to exchange lands, or interests or rights in lands; and

WHEREAS, the Governing Board has determined that it is in the public interest to declare the Replacement Access Easement Interest surplus; and

WHEREAS, pursuant to Section 373.089(6), Florida Statutes, the Governing Board shall be required, by at least a two-thirds (2/3) majority, to make a determination that the grant of the Replacement Access Easement Interest is consistent with conservation purposes.

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 an existing Florida Power and Light Company easement encumbering real property owned by the District in Martin County, whereby the District will provide FPL with a 0.96 acre, more or less, access easement area as a replacement to FPL’s current access that will be obstructed by the C-457 Interconnect Canal, in exchange for an amendment to an existing Right Of Way Consent Agreement between FPL and the District authorizing certain District C-457 improvements that are located within the existing FPL easement, and approves declaring surplus for exchange and conveyance replacement access easement interests encumbering 0.96 acre, more or less.

Section 2. Consistent with the requirements of Section 373.086, Florida Statutes, the Governing Board hereby determines that the unencumbered fee ownership of the lands encumbered by the Replacement Access Easement Interest, is not required by the District for present or future use and no longer needed for conservation purposes, and this Resolution was approved by the Governing Board by at least a two-thirds (2/3) vote.

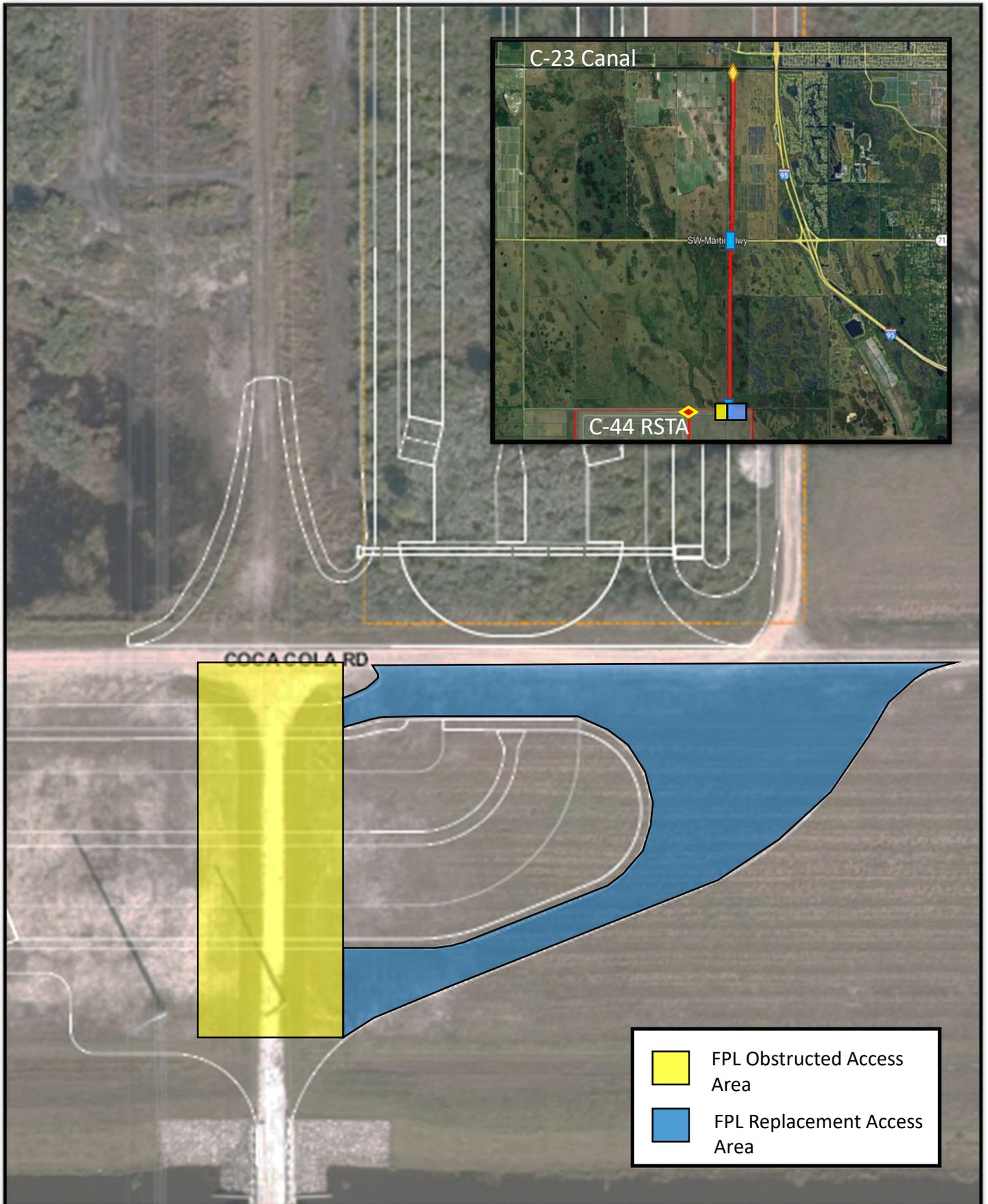
Section 3. The Governing Board hereby authorizes the Chairman or Vice Chairman to execute the Easement Amendment and the Consent Agreement Amendment. The Governing Board hereby authorizes the Executive Director or the Executive Director’s designee to make any determination in

connection with the transaction and execute all other documents necessary to consummate this transaction.

Section 4. This Resolution shall take effect immediately upon adoption.

PASSED and **ADOPTED** this 9th day of February, 2023.

Exhibit "A"



C-457 Canal – FPL Right of Way Amendment
Martin County, FL

MEMORANDUM

TO: Governing Board Members

FROM: Stephen M. Collins, Real Estate & Land Management

DATE: February 9, 2023

SUBJECT: Exchange Agreement with Walsh, Martin County

Agenda Item Background:

The District has previously acquired all lands for the C-44 Reservoir Project. In order to complete the District's right of way rights with respect to the intake canal that runs south, to the north boundary line of the C-44 Canal, the District has entered into an Exchange Agreement with Joseph W. Walsh. Under the terms of this Exchange Agreement, the District will convey fee title land interests containing 0.19 acres, more or less, subject to a reserved right of way easement, in exchange for the acquisition of fee title land interests containing 1.57 acres, more or less, and right of way easement interests containing 0.28 acres, more or less.

Additional Item Background:

The District has previously acquired all lands for the C-44 Reservoir Project ("Project") in Martin County. In order to acquire fee title or easement rights for the intake canal that runs south, to the north boundary line of the C-44 Canal, the District has entered into an Exchange Agreement with Joseph W. Walsh ("Exchange Agreement"). Under the terms of this Exchange Agreement, the District will convey fee title land interests containing 0.19 acres, more or less, (the "District Exchange Lands"), subject to reserved right of way easement in favor of the District, in exchange for the acquisition of fee title land interests containing 1.57 acres, more or less, (the "Fee Acquired Lands") along with right of way easement interests containing 0.28 acres, more or less, (the "Easement Acquired Lands"), all as shown on Exhibit "A". As title to the District Exchange Lands is shared with Martin County, Martin County will join in the conveyance of the District Exchange Lands and also share title with the District with respect to the Fee Acquired Lands. The District Exchange Lands, subject to the reserved right of way easement, have an appraised value of \$1,700, the Fee Acquired Lands have an appraised value of \$41,100, and the Easement Acquired Lands have an appraised value of \$2,450; however, the Exchange Agreement provides that for purposes of the exchange, the value of the District Exchange Lands is equal to the combined value of the Fee Acquired Lands and the Easement Acquired Lands.

Core Mission and Strategic Priorities:

The primary objectives of the Project are: 1) to reduce harmful nutrients reaching the St. Lucie Estuary; 2) to store 50,600 acre-feet, or sixteen-billion gallons at an average depth of about fifteen feet, in the reservoir component; and 3) to capture sixty-five percent of the average annual C-44 basin stormwater runoff. The project has also created 3,600 acres of new wetlands. The proposed exchange will have no adverse effect on the Project and provide additional right of way interests for the Project.

Funding Source:

As this is established as an even exchange pursuant to the Exchange Agreement, there is no

purchase price to fund. All costs of the transaction and all closing costs will be paid by Walsh.

Staff Contact and/or Presenter:

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

ATTACHMENTS:

[Resolution No. 2023-0204](#)

[Resolution Exhibit A](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District to approve declaring surplus for exchange and conveyance fee title land interests containing 0.19 acres, more or less, subject to a reserved right of way easement, in exchange for the acquisition of fee title land interests containing 1.57 acres, more or less, and right of way easement interests containing 0.28 acres, more or less, within the District's C-44 Reservoir Project, all in Martin County; providing an effective date.

WHEREAS, the South Florida Water Management District acquired lands for the C-44 Reservoir Project ("Project") in Martin County; and

WHEREAS, the District is authorized to exchange lands, or interests or rights in lands, pursuant to Section 373.089, Florida Statutes; and

WHEREAS, the District desires to enter into an Agreement for Exchange of Real Property Interests with Joseph W. Walsh ("Exchange Agreement") whereby the District will convey fee title land interests containing 0.19 acres, more or less, (the "District Exchange Lands"), subject to reserved right of way easement, in exchange for the acquisition of fee title land interests containing 1.57 acres, more or less, (the "Fee Acquired Lands") and right of way easement interests containing 0.28 acres, more or less, (the "Easement Acquired Lands"), all as shown on Exhibit "A"; and

WHEREAS, as title to the District Exchange Lands is shared with Martin County, the County will join in the conveyance of the District Exchange Lands and also share title with the District with respect to the Fee Acquired Lands; and

WHEREAS, the District Exchange Lands, subject to the reserved right of way easement, have an appraised value of \$1,700, the Fee Acquired Lands have an appraised value of \$41,100, and the Easement Acquired Lands have an appraised value of \$2,450; however, the Exchange Agreement provides that for purposes of the exchange, the value of the District Exchange Lands is equal to the combined value of the Fee Acquired Lands and the Easement Acquired Lands; and

WHEREAS, the Governing Board has determined that it is in the public interest to declare the District Exchange Lands surplus, subject to the reserved right of way easement; and

WHEREAS, pursuant to Section 373.089(6), Florida Statutes, the Governing Board shall be required, by at least a two-thirds (2/3) majority, to make a determination that the surplus and exchange of the District Exchange Lands, with the reservation of the right of way easement, is consistent with conservation purposes.

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 declaring surplus for exchange and conveyance fee title land interests containing 0.19 acres, more or less, subject to a reserved right of way easement, in exchange for the acquisition of fee title land interests containing 1.57 acres, more or less, and right of way easement interests containing 0.28 acres, more or less, within the District’s C-44 Reservoir Project, all in Martin County.

“District Exchange Lands” (subject to reserved easement)

Tract Nos.	Interest	Acres	Appraised Value
JE100-104	Fee (subject to easement)	0.19	\$1,700

*District’s current fee ownership is shared with Martin County

“Fee Acquired Lands”

Tract Nos.	Interest	Acres	Appraised Value
JE100-101	Fee	1.57	\$41,100

*fee ownership will be shared with Martin County

“Easement Acquired Lands”

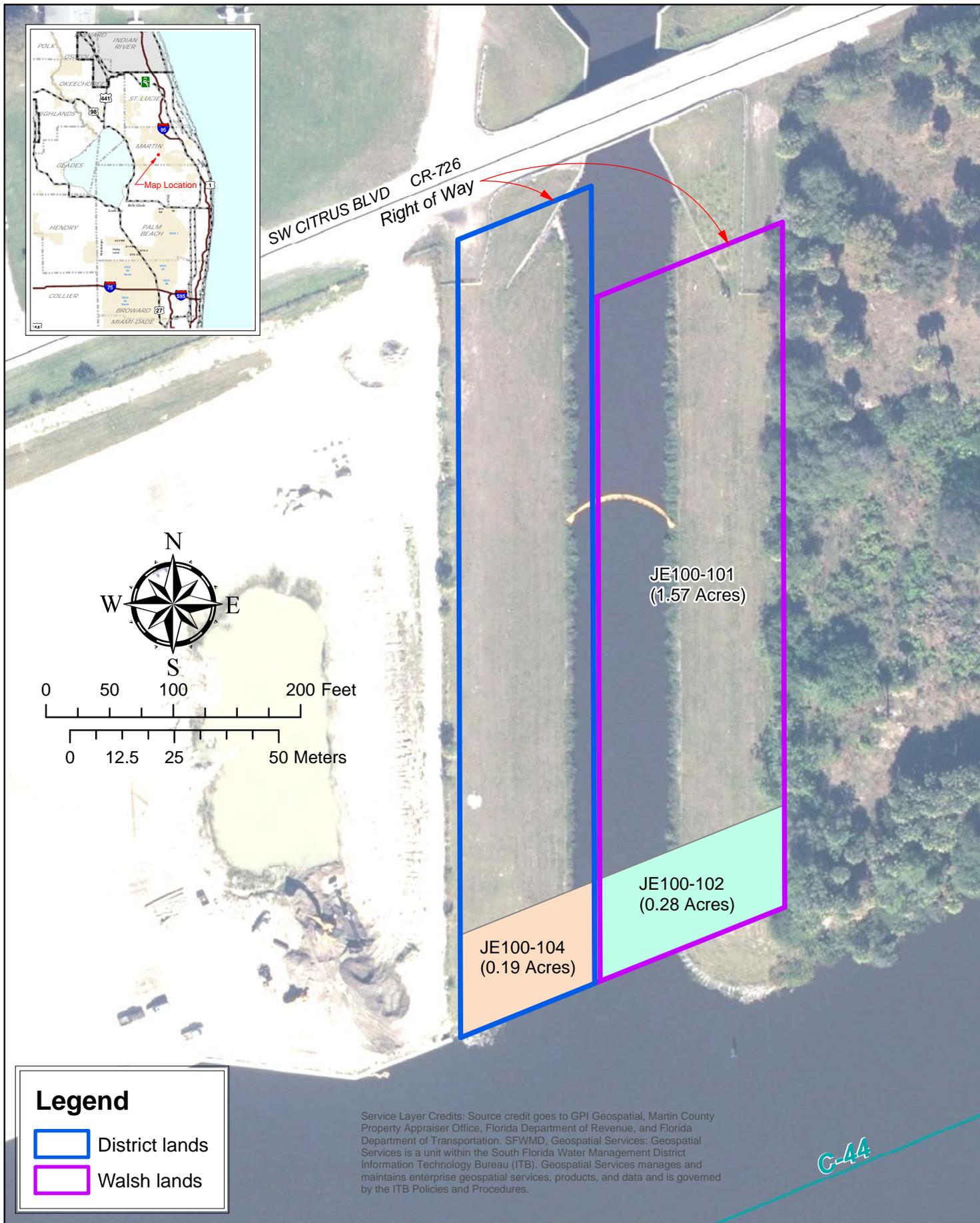
Tract Nos.	Interest	Acres	Appraised Value
JE100-102	Right of Way Easement	0.28	\$2,450

Section 2. The Governing Board hereby determines that the surplus and exchange of the District Exchange Lands, subject to the reserved right of way easement, are consistent with the requirements of Section 373.089(6), Florida Statutes, as the District reserving right of way easement rights allows the District to carry out the purposes and requirements of the C-44 Reservoir Project and preserves and protects the conservation values of the District, and this Resolution was approved by the Governing Board by at least a two-thirds (2/3) vote.

Section 3. The Governing Board hereby authorizes the Chairman or Vice Chairman to execute the Exchange Agreement and any instrument(s) of conveyance required to consummate the transaction contemplated therein. The Governing Board hereby authorizes the Executive Director or the Executive Director’s designee to make any determination in connection with the transaction and execute all other documents necessary to consummate this transaction.

Section 4. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 9th day of February, 2023.



Walsh Exchange - G44 Martin County

MEMORANDUM

TO: Governing Board Members

FROM: Stephen M. Collins, Real Estate & Land Management

DATE: February 9, 2023

SUBJECT: Temporary Access Easement to St. Lucie County, Indian River Lagoon South Project, C-23/C-24 South Reservoir Component

Agenda Item Background:

The District has acquired lands in connection with the Indian River Lagoon South Project, C-23/C-24 South Reservoir Component. St. Lucie County owns an approximately 755-acre parcel directly south and adjacent to the District owned lands within which the County has created a public recreational use area known as the Pinelands Preserve area. Features available to the public within the Pinelands Preserve area include a large stand of pristine pine flatwoods, several picnic areas, seven miles of multiuse (hiking, biking, equestrian) trails, and two elevated observation towers that overlook saw grass marshes. The Pinelands Preserve area is also a destination on the State's Great Florida Birding Trail. The County has requested a temporary access easement, for a term commencing immediately and terminating in sixty months, with respect to a 13.95 acres, more or less, area of the District lands for the purpose of public access to and from Okeechobee Road (S.R. 70) and the County parcel and Pinelands Preserve area.

Additional Item Background:

The District has acquired lands in connection with the Indian River Lagoon South Project, C-23/C-24 South Reservoir Component in St. Lucie County (the "C23/C24 South Reservoir Lands"). St. Lucie County (the "County") owns an approximately 755-acre parcel (the "County Parcel") directly south and adjacent to the C23/C24 South Reservoir Lands. Within the County Parcel, the County has created a public recreational use area known as the Pinelands Preserve area. The County has requested a temporary access easement, for a term commencing immediately and terminating in sixty months, with respect to a 13.95 acres, more or less, area of the C23/C24 South Reservoir Lands (the "Access Area") for the purpose of public access to and from Okeechobee Road (S.R. 70) and the County Parcel and Pinelands Preserve area. The County, at its expense, will be required to install and maintain certain fencing along the boundaries of the Access Area.

Core Mission and Strategic Priorities:

The C-23/C-24 South Reservoir component will assist with the reduction of harmful discharges to the southern portion of the Indian River Lagoon and St. Lucie River and Estuary and support the District's core mission of ecosystem restoration and water quality improvement.

The C-23/C-24 South Reservoir will be comprised of an approximately 3,537-acre reservoir capable of storing approximately 57,815 acre-feet of water from either the C-23 and/or C-24 canals. Features available to the public within the Pinelands Preserve area include a large stand of pristine pine flatwoods, several picnic areas, seven miles of multiuse (hiking, biking, equestrian) trails, and two elevated observation towers that overlook saw grass marshes. The Pinelands Preserve area is also a destination on the State's Great Florida Birding Trail. The

Access Area is located close to the westernmost portion of the C23/C24 South Reservoir Lands and will not adversely affect the C-23/C-24 South Reservoir Component.

Funding Source:

There is no purchase price to fund, and the District will not be responsible for closing or recording costs.

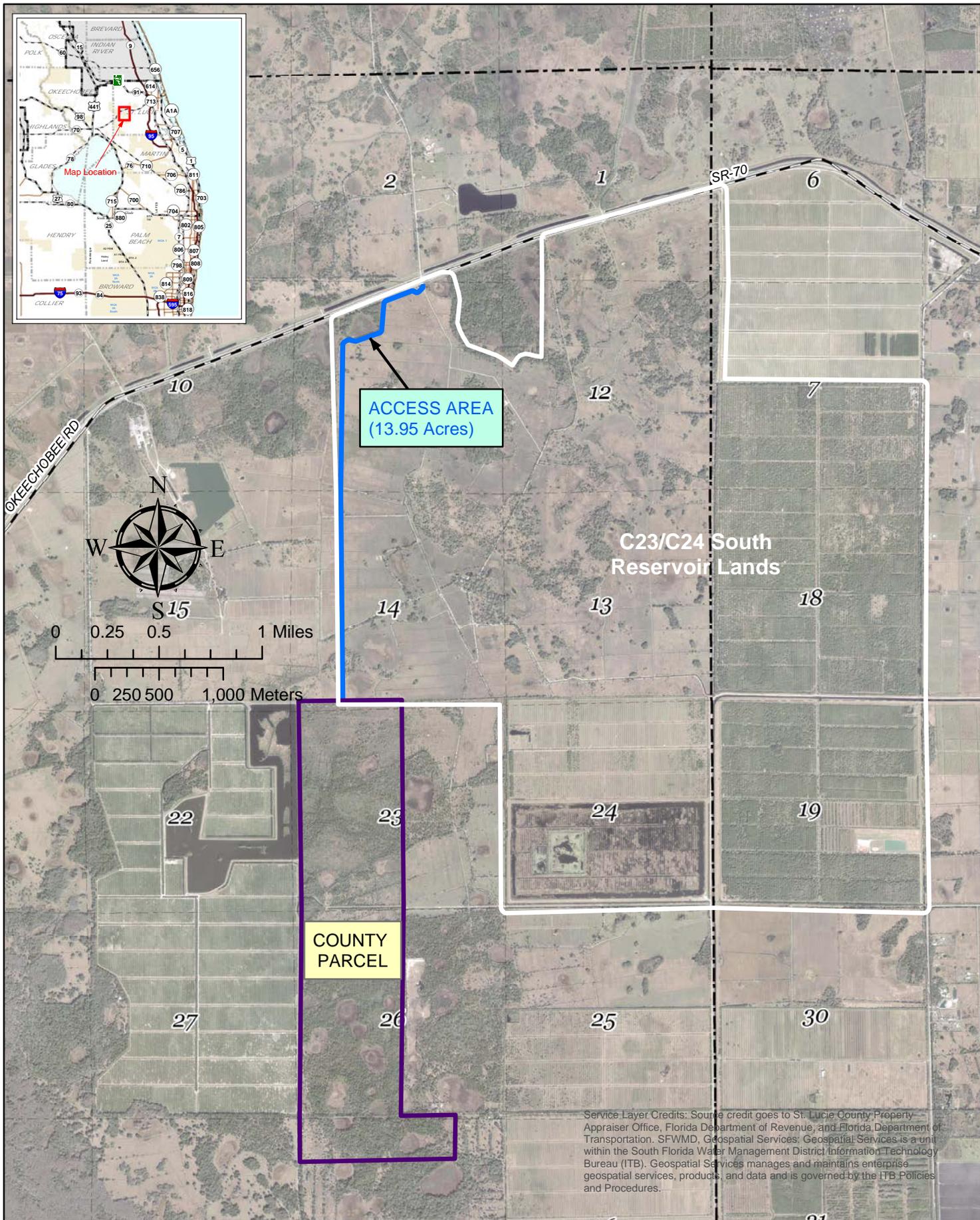
Staff Contact and/or Presenter:

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

ATTACHMENTS:

[Map](#)

[Resolution No. 2023-0205](#)



Service Layer Credits: Source credit goes to St. Lucie County Property Appraiser Office, Florida Department of Revenue, and Florida Department of Transportation, SFWMD, Geospatial Services; Geospatial Services is a unit within the South Florida Water Management District; Information Technology Bureau (ITB). Geospatial Services manages and maintains enterprise geospatial services, products, and data and is governed by the ITB Policies and Procedures.

IRL South- C23/ C24 South Reservoir
 Temporary Access Easement
 St. Lucie County

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District approving granting to St. Lucie County a temporary access and maintenance easement containing 13.95 acres, more or less, in St. Lucie County within the Indian River Lagoon South Project, C-23/C-24 South Reservoir Component; providing an effective date.

WHEREAS, the District has acquired lands in connection with the Indian River Lagoon South Project, C-23/C-24 South Reservoir Component in St. Lucie County (the “C23/C24 South Reservoir Lands”); and

WHEREAS, St. Lucie County (the “County”) owns an approximately 755-acre parcel (the “County Parcel”) directly south and adjacent to the C23/C24 South Reservoir Lands; and

WHEREAS, the County has created a public recreational use area within the County Parcel; and

WHEREAS, the County has requested a temporary access easement, for a term commencing immediately and terminating in sixty months, with respect to 13.95 acres, more or less, of the C23/C24 South Reservoir Lands for the purpose of public access to and from Okeechobee Road (S.R. 70) and the County Parcel; and

WHEREAS, the Governing Board, pursuant to Section 373.056, Florida Statutes, is authorized to convey to any governmental entity, land or rights in land owned by the District under terms and conditions determined by the Governing Board.

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 granting to St. Lucie County a temporary access easement, for a term commencing immediately and terminating in sixty months, with respect to 13.95 acres, more or less, of District lands within the Indian River Lagoon South Project, C-23/C-24 South Reservoir Component in St. Lucie County.

Section 2. The Governing Board hereby authorizes the Chairman or Vice Chairman to execute the temporary access easement instrument.

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

PASSED and ADOPTED this 9th day of February, 2023.

MEMORANDUM

TO: Governing Board Members

FROM: Stephen M. Collins, Real Estate & Land Management

DATE: February 9, 2023

SUBJECT: Land Exchange with Lee County

Agenda Item Background:

Lee County is bringing an eminent domain suit against the District to acquire easement interests in portions of two access easements to accommodate the planned widening of Corkscrew Road (the "Project"). These easement interests contain a total of approximately 3,750 square feet, being 25x90 feet, and 25x60 feet in size, respectively, that are currently unimproved and inaccessible. To resolve this matter, in exchange for the easement interests, Lee County will grant a temporary access easement to the District during construction of Corkscrew Road through an adjacent County-owned property. This temporary access will provide District staff with access to District lands for land management purposes throughout construction. As part of the Project, Lee County is also improving a portion of the District's existing easement by creating a new access road south from Corkscrew Road, which will provide permanent access to District lands.

Additional Item Background:

These easement interests contain a total of approximately 3,750 square feet, being 25x90 feet, and 25x60 feet in size, respectively, as shown on the attached Exhibit "A", which are currently unimproved and inaccessible. To resolve this matter, in exchange for the easement interests, Lee County will grant a temporary access easement to the District during construction of Corkscrew Road through an adjacent County-owned property. This temporary access will provide District staff with access to District lands for land management purposes throughout construction. The 25-foot-wide temporary access easement from the County extends about 0.25 mile from Corkscrew Road to the District's property, as shown on the attached Exhibit "B". As part of the Project, Lee County is also improving a portion of the District's existing easement by creating a new access road south from Corkscrew Road, which will provide permanent access to District lands. After consideration of benefits to both the District and Lee County, the transaction is considered equitable.

Core Mission and Strategic Priorities:

By approving this item, the Governing Board determines that the access easement interest in the released portion of the Tract to be declared surplus, is not required by the District for present or future use and is not needed for conservation purposes.

Funding Source:

All costs of the transaction and all closing costs will be paid by Lee County.

Staff Contact and/or Presenter:

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

ATTACHMENTS:

Resolution No. 2023-0206

Resolution Exhibit A

Resolution Exhibit B

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District to resolve an imminent condemnation action by authorizing partial release of access easement interests in portions of two access easements containing 3,750 square feet, more or less, in exchange for a temporary access easement from Lee County, all in Lee County; providing an effective date.

WHEREAS, pursuant to the potential of an eminent domain suit by Lee County (“County”) the District has determined that it is in the public interest to release easement interests in portions of two access easements totaling 3,750 square feet, more or less, being 25x90 feet and 25x60 feet in size, respectively, to the County, in exchange for a 25-foot-wide temporary access easement through adjacent Lee County lands; and

WHEREAS, as part of the Project, Lee County is also improving a portion of the District’s existing easement, by creating a new access road, south from Corkscrew Road, which will provide permanent access to District lands; and

WHEREAS, the exchange contemplated herein shall occur on or before 90 days from the effective date of this resolution; and

WHEREAS, the Governing Board, pursuant to Section 373.056, Florida Statutes, has the authority to convey to any governmental entity, land or rights in land owned by the District not required for its purposes, under terms and conditions determined by the Governing Board; and

WHEREAS, the District is authorized to release easement interests under terms and conditions determined by the Governing Board, 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 (i) authorizes the release of easement interests in portions of two access easements totaling 3,750 square feet, more or less, being 25x90 feet and 25x60 feet in size, respectively, located in Lee County, depicted in Exhibit “A” attached hereto, and (ii) approves accepting in exchange a temporary access easement through adjacent Lee County lands, depicted in Exhibit “B”, conditioned upon the closing occurring no later than 90 days after the effective date of this resolution.

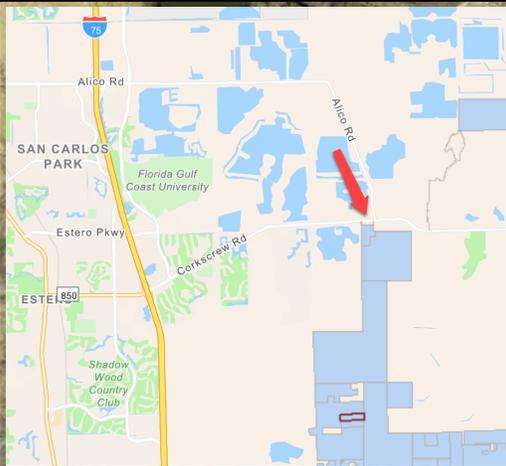
Section 2: The Governing Board of the South Florida Water Management District

hereby authorizes the Chair or Vice Chair to execute the conveyance documents. The Governing Board of the South Florida Water Management District hereby authorizes the Executive Director or the Executive Director's designee to execute all other documents necessary to consummate this transaction.

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

PASSED and **ADOPTED** this 9th day of February, 2023.

Exhibit "A"



Partial Release of Access Easement (25x90 feet)

Partial Release of Access Easement (25x60 feet)

CORKSCREW RD

ALICO RD

FENWOOD CT

Lee County owned property

Lee County Water Retention Parcel

SHADYWOOD CT

CORKSCREW

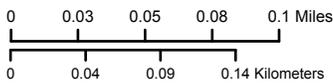
Future Access Road to be constructed by Lee County

SFWMD owned Lands

Partial Release of Easements to Lee County

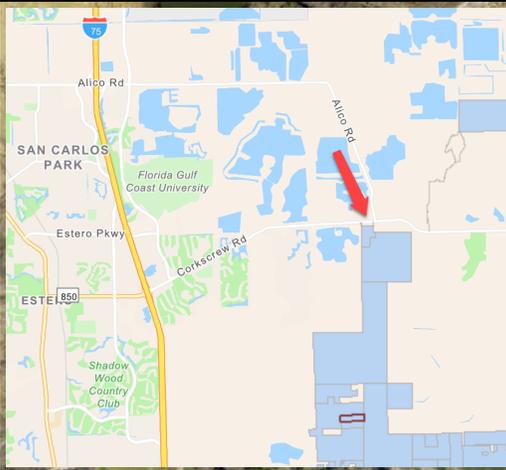


South Florida Water Management District
3301 Gun Club Road, West Palm Beach, Florida 33406
561-686-8800; www.sfwmd.gov



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 119.071(3)(a)(1), Florida Statute.

Exhibit "B"



25-foot Temporary Access Easement

CORKSCREW RD

ALICO RD

Lee County owned property

Lee County Water Retention Parcel

SFWMD owned Lands

FENWOOD CT

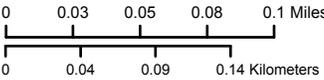
SHADYWOOD CT

CORKSCREW SHORES BLVD

Temporary Access Easement to District



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



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 119.071(3)(a)(1), Florida Statute.

MEMORANDUM

TO: Governing Board Members
FROM: Stephen M. Collins, Real Estate & Land Management
DATE: February 9, 2023
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 for the reservations. 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:

Palm Beach County

Release District canal and road reservations for Lynx at Lake Worth, LLC, a Florida limited liability company (File No. 18920) for 10.00 +/- acres; subject to payment of release value of \$9,225.

Additional Item Background:

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

Core Mission and Strategic Priorities:

Pursuant to Section 373.096, 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

ATTACHMENTS:

[Map](#)

[Memorandum Exhibit A](#)

[Resolution No. 2023-0207](#)

Resolution Exhibit A



18920

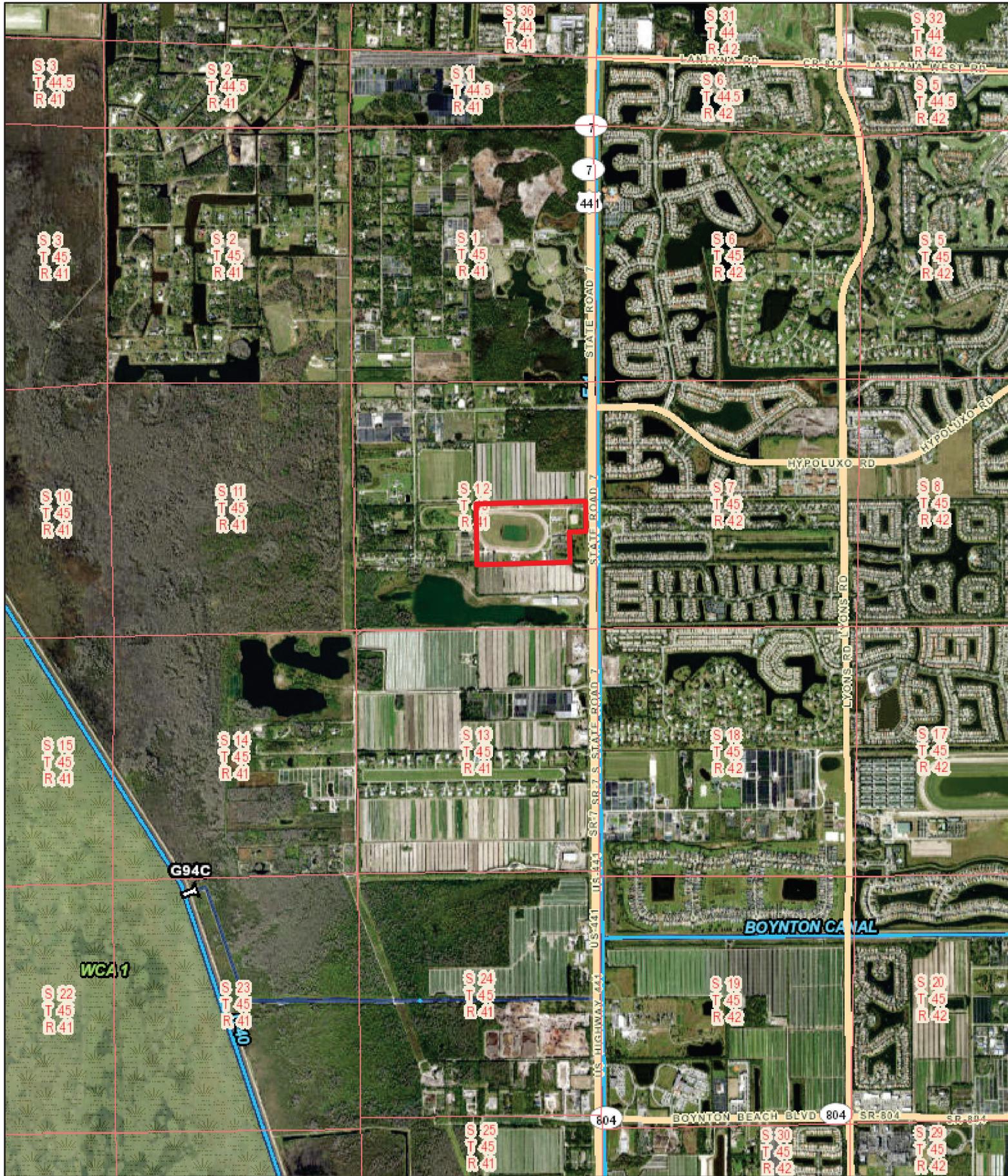


South Florida Water Management District
 3301 Gun Club Road, West Palm Beach, Florida 33406
 561-686-8800; www.sfwmd.gov



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 119.071(3)(a)(1), Florida Statute.



18920



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



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 119.071(3)(a)(1), Florida Statute.

MEMORANDUM – EXHIBIT “A”

Palm Beach County

File No: 18920
Applicant: Lynx at Lake Worth, LLC, a Florida limited liability company
Reserving Deed: E-1029 (DB 693-460, 7/18/1944)
Application Fee Paid: \$250.00
Release Value: \$9,225.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$9,225.00 for release of District real property interests
Acres: 10.00 acres, more or less
Legal Description: Lot 18, Block 44, THE PALM BEACH FARMS CO. PLAT NO. 3, PB 2-45, Section 12, Township 45 South, Range 41 East
Location: 7563 S. State Road 7, Lake Worth, Palm Beach County
Reviewed By: Field Operations Division, Water Supply Development Section, Right of Way Section, Environmental Recourse Permitting Bureau, Ecosystem Restoration and Capital Projects Division, Lake Worth Drainage District, and Palm Beach County Right-of-Way Division

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

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 applicants have requested that the South Florida Water Management District release certain District canal and road reservations; and

WHEREAS, the District is empowered to grant such releases 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 9th day of February, 2023.

RESOLUTION – EXHIBIT “A”

Palm Beach County

File No: 18920
Applicant: Lynx at Lake Worth, LLC, a Florida limited liability company
Reserving Deed: E-1029 (DB 693-460, 7/18/1944)
Release Value: \$9,225.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$9,225.00 for release of District real property interests
Acres: 10.00 acres, more or less
Legal Description: Lot 18, Block 44, THE PALM BEACH FARMS CO. PLAT NO. 3, PB 2-45, Section 12, Township 45 South, Range 41 East
Location: 7563 S. State Road 7, Lake Worth, Palm Beach County

M E M O R A N D U M

TO: Governing Board Members

FROM: Julia Lomonico, Office of Counsel

DATE: February 9, 2023

SUBJECT: Stipulation for Settlement

Agenda Item Background:

On July 5, 1994, a District employee injured themselves while performing District work. The employee has agreed to a lump-sum settlement under Subsection 440.20 (11), Florida Statutes, to address the injury. Accordingly, staff seeks authorization to enter into a Stipulated Settlement Agreement for \$400,000.00 which will include professionally administered Medicare Set-Aside fees, attorneys' fees, future benefits, and costs.

Staff Contact and/or Presenter:

Julia Lomonico, jlominc@sfwmd.gov, 561-682-6210

ATTACHMENTS:

[Resolution No. 2023-0208](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District authorizing a Settlement for the sum of \$400,000.00, inclusive of a CMS-approved Medicare Set-Aside (MSA), attorneys' fees, future benefits and costs and authorizing the Executive Director to execute a Stipulation for Settlement and Final Judgment in a workers compensation case styled *Edward Gonzalez v. South Florida Water Management District and Johns Eastern Company* filed in the Division of Administrative Hearings Office of the Judges of Compensation Claims for Okeechobee County, Florida, OJCC Case No. 94-009326 LMS; providing an effective date.

WHEREAS the Employee/Claimant Edward Gonzalez sustained injuries as a result of a work-related incident on July 5, 1994; and

WHEREAS the Employee/Claimant Edward Gonzalez and the Employer/Carrier South Florida Water Management District and Johns Eastern Company, collectively ("the Parties") engaged in successful settlement discussions during a mediation conducted on January 20, 2023, and have reached a compromised settlement; and

WHEREAS the Parties have agreed to a lump-sum settlement under subsection 440.20 (11), Florida Statutes; and

WHEREAS the Employee/Claimant Edward Gonzalez agrees to a voluntary separation from employment with the South Florida Water Management District and to execute a general release, and an agreement not to reapply to the District.

WHEREAS the settlement of this workers compensation claim is in the best interests of the District.

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 settlement of *Edward Gonzalez v. South Florida Water Management District and Johns Eastern Company* filed in the Division of Administrative Hearings Office of the Judges of Compensation Claims for Okeechobee County, Florida, OJCC Case No.94-009326 LMS for the sum of \$400,000,00; and authorizes the Executive Director to execute a Stipulation for Settlement and Final Judgment in this case.

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

PASSED and ADOPTED this 9th day of February, 2023.

MEMORANDUM

TO: Governing Board Members

FROM: Lawrence Glenn, Water Resources Division

DATE: February 9, 2023

SUBJECT: Partnership with U. S. Army Corps of Engineers Engineer Research and Development Center (USACE-ERDC) to Optimize Lake Okeechobee Bloom Treatment Technology to Protect Coastal Communities

Agenda Item Background:

Staff is seeking Governing Board approval to enter into contracts with 1) Florida Gulf Coast University and 2) NOVA Southeastern University to optimize algal bloom treatment in Lake Okeechobee. Due to the increase in algal bloom frequency in Lake Okeechobee in recent years, the District implemented a proactive approach to the treatment of blooms at critical structures that deliver water to areas of increased public use to help safeguard human health and safety. The District successfully competed for grant funding from the U.S. Army Corps of Engineers-Engineer Research and Development Center (USACE-ERDC) to test treatment optimization, before and during the 2023 and 2024 bloom seasons. The District intends to enter into two-year contracts with 1) Florida Gulf Coast University and 2) NOVA Southeastern University to carry out the treatment studies subsequent to execution of a cooperative grant agreement between the District and the USACE-ERDC.

Additional Item Background:

The studies to be executed under these contracts will result in optimization protocols for bloom treatment in Lake Okeechobee and outflow canals. Evaluations will be done over time before and during the bloom season to determine if advance treatment around Lake Okeechobee outflow structures before the bloom season prevents the development of blooms in these areas at the onset of the bloom season and to optimize protocols for treating blooms in flowing canals.

Core Mission and Strategic Priorities:

Optimizing the efficacy of treatments in Lake Okeechobee is of paramount importance to the District and the United States Army Corps of Engineers, due to their desire to prevent the transport of potentially toxic blooms from the Lake to downstream areas. This project will generate important data on bloom treatment that will guide future use of this technology here and among interested parties in other aquatic systems across the nation that are affected by blooms.

Funding Source:

All funds will originate from the Department of Defense, Department of the Army Corps of Engineers' Harmful Algal Bloom Field Validation Program: Aquatic Nuisance Species, Broad Agency Announcement Special Topic Area funding opportunity (Science and Technology and other Research and Development funding activity).

Staff Contact and/or Presenter:

Lawrence Glenn, lglenn@sfwmd.gov, 561-308-2791

ATTACHMENTS:

[Resolution No. 2023-0209](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into two-year contracts with 1) Florida Gulf Coast University (Contract Number 4600004709), in the amount of \$321,374.50 and 2) NOVA Southeastern University (Contract Number 4600004710), in the amount of \$260,902.65 to Optimize Lake Okeechobee Bloom Treatment Technology to Protect Coastal Communities, for which dedicated funds (External Grants - Federal) are budgeted, subject to execution of a reimbursement grant agreement with the U.S. Army Corps of Engineers-Engineer Research and Development Center (USACE-ERDC).

WHEREAS, in response to the Department of Defense, Department of the Army Corps of Engineers' Harmful Algal Bloom Field Validation Program: Aquatic Nuisance Species, Broad Agency Announcement Special Topic Area funding opportunity (Science and Technology and other Research and Development funding activity), the USACE-ERDC focuses on the field validation of innovative HAB prevention and management technologies, or combinations of technologies, that have been proven at lab or pilot scales; and

WHEREAS, the South Florida Water Management District (SFWMD) submitted a proposal to the grant solicitation requesting \$665,957.95 to conduct an assessment to Optimize Lake Okeechobee Bloom Treatment Technology to Protect Coastal Communities, Prior to and During the 2023 and 2024 Bloom Seasons; and

WHEREAS, USACE-ERDC awarded the SFWMD \$665,957.95 in grant funds (pending Programmatic NEPA approval by ASA); and

WHEREAS, SFWMD will sign two-year contracts with 1) the Florida Gulf Coast University in the amount of \$321,374.50 and 2) NOVA Southeastern University in the amount of \$260,902.65 to assist the SFWMD with conducting the Optimize Lake Okeechobee Bloom Treatment Technology to protect Coastal Communities studies, pending NEPA document approval by the USACE ASA.

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

Section 1. The Governing Board of the SFWMD hereby authorizes the Executive Director to enter into two-year contracts with 1) the Florida Gulf Coast University (\$321,374.50 – a two-year contract) and 2) NOVA Southeastern University (\$260,902.65 – a two-year contract) to assist the SFWMD with conducting the Optimize Lake Okeechobee Bloom Treatment Technology to Protect Coastal Communities studies, following NEPA document

approval by the USACE's ASA and subsequent execution of a reimbursement grant agreement with the USACE-ERDC.

PASSED and **ADOPTED** this 9th day of February, 2023.

MEMORANDUM

TO: Governing Board Members

FROM: Alan Shirkey, Ecosystem Restoration & Capital Projects

DATE: February 9, 2023

SUBJECT: Change Order No. 2 with Ryan Incorporated Southern, STA-2 Refurbishments Project, Palm Beach County

Agenda Item Background:

As part of the District's Stormwater Treatment Area (STA) Refurbishments Program, the STA-2 Refurbishments Project corrects outflow performance due to poor vegetation, inappropriate grades, and deteriorated canal plugs. Correcting Flow-way 2 mimics conditions of Flow-ways 1, 4, and 5 that have shown better results historically, improving the overall STA's performance. This is addressed by regrading areas within the cell, constructing inflow energy dissipators, and restoring canal plugs. The Project uses imported soils supplemented by suitable excess soils from degraded areas. A change order in the amount of \$2,183,000 is recommended as the outcome of dispute resolution during step negotiations, which are required by the contract. This change order would resolve three separate contractor claims and close out the project.

Additional Item Background:

Core Mission and Strategic Priorities:

The STA-2 Refurbishments Project supports the District's core missions of water quality and ecosystem restoration.

Staff Contact and/or Presenter:

Alan Shirkey, ashirkey@sfwmd.gov, 561-682-2579

ATTACHMENTS:

[Resolution No. 2023-0210](#)

[Background Information](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District to authorize executing Change Order No. 2 with Ryan Incorporated Southern, for the STA-2 Refurbishments Project, in the amount of \$2,183,000 for which Ad Valorem and dedicated funds (Everglades Trust Fund) are budgeted in Fiscal Year 2022-2023; providing an effective date. (Contract No. 4600004311)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to authorize executing a change order with Ryan Incorporated Southern, the lowest responsive and responsible bidder, for the STA-2 Refurbishments Project, in the amount of \$2,183,000.

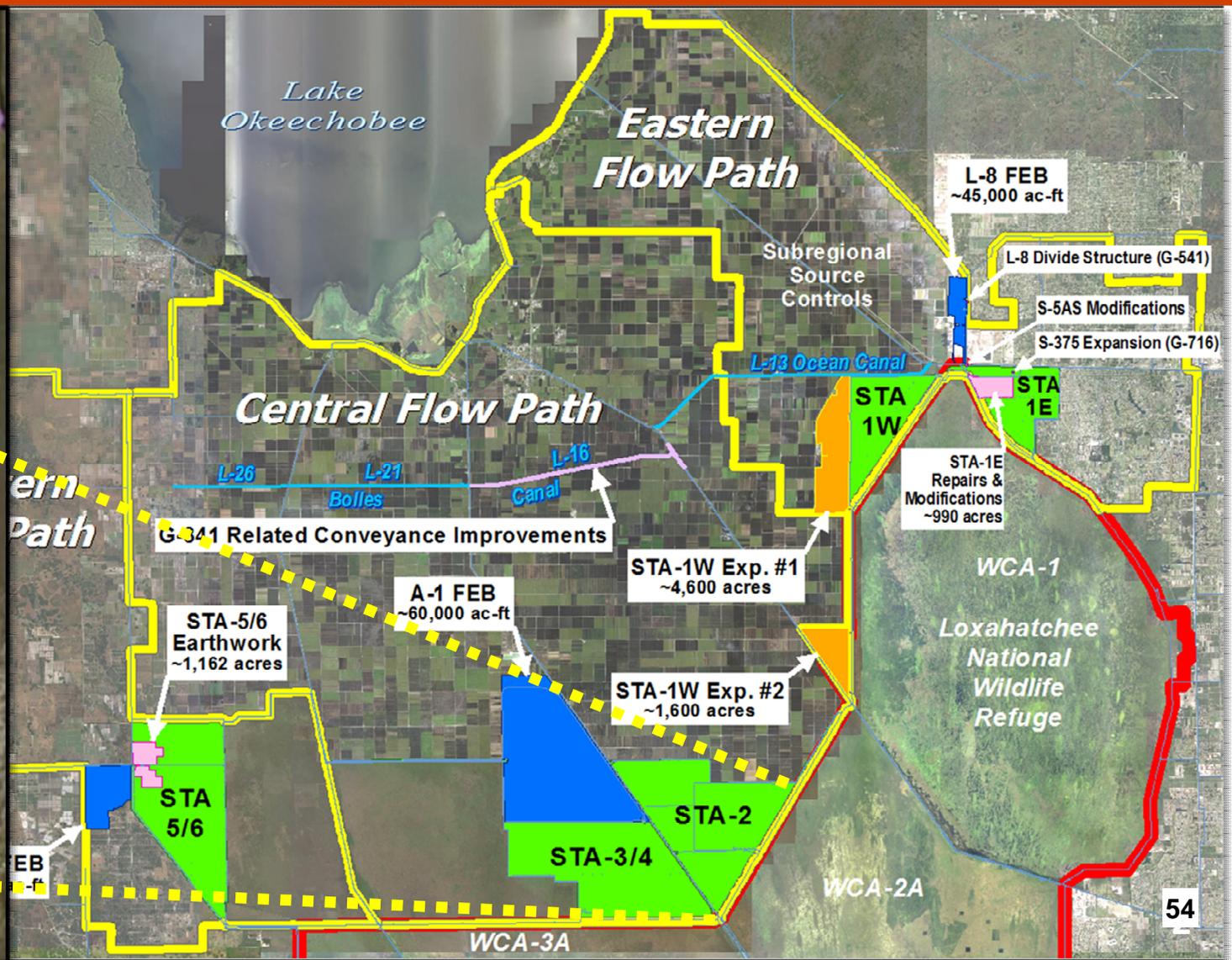
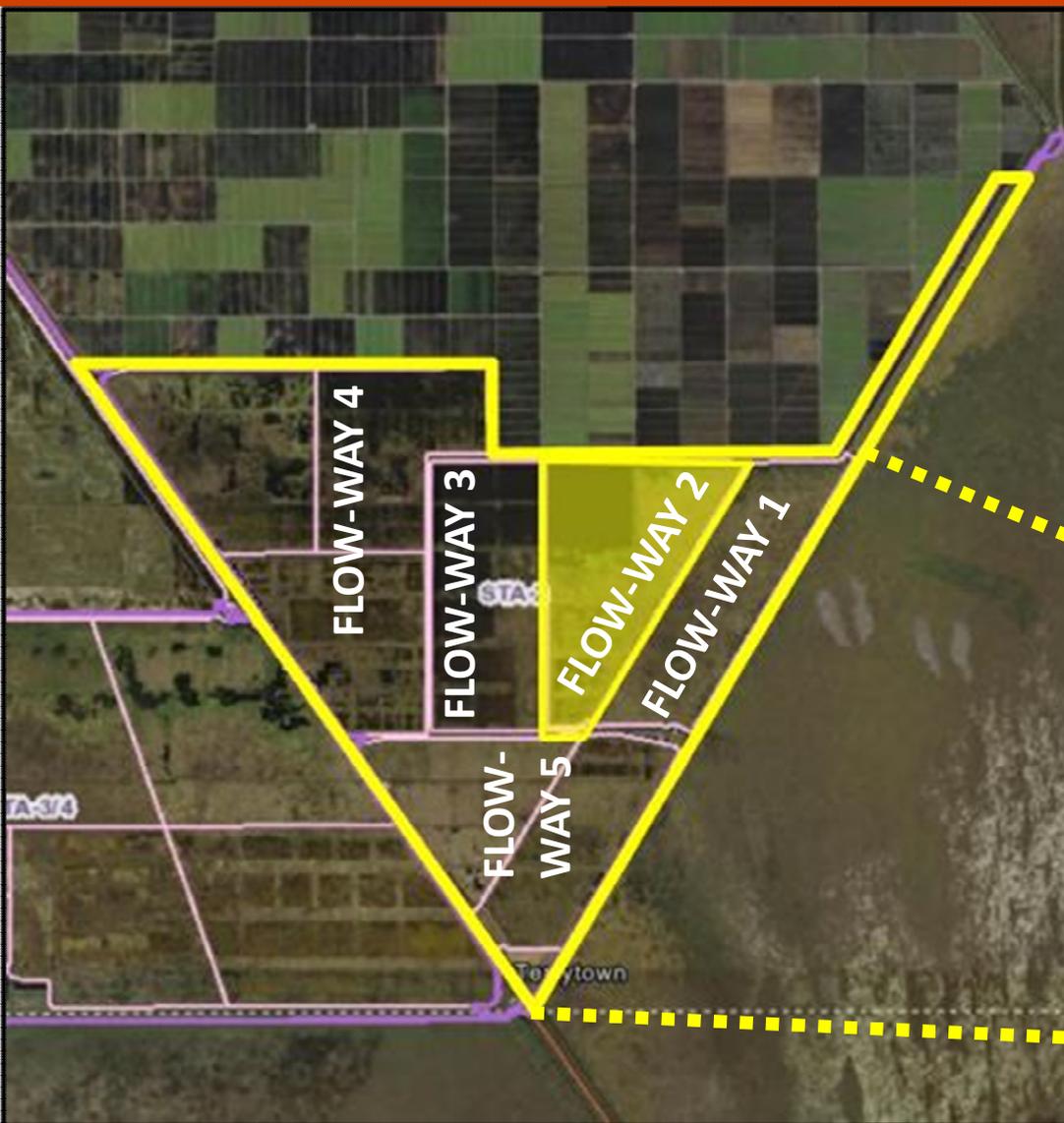
NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby authorizes executing a change order with Ryan Incorporated Southern for the STA-2 Refurbishments Project, in the amount of \$2,183,000 for which Ad Valorem and dedicated funds (Everglades Trust Fund) are budgeted in Fiscal Year 2022-2023. (Contract No. 4600004311)

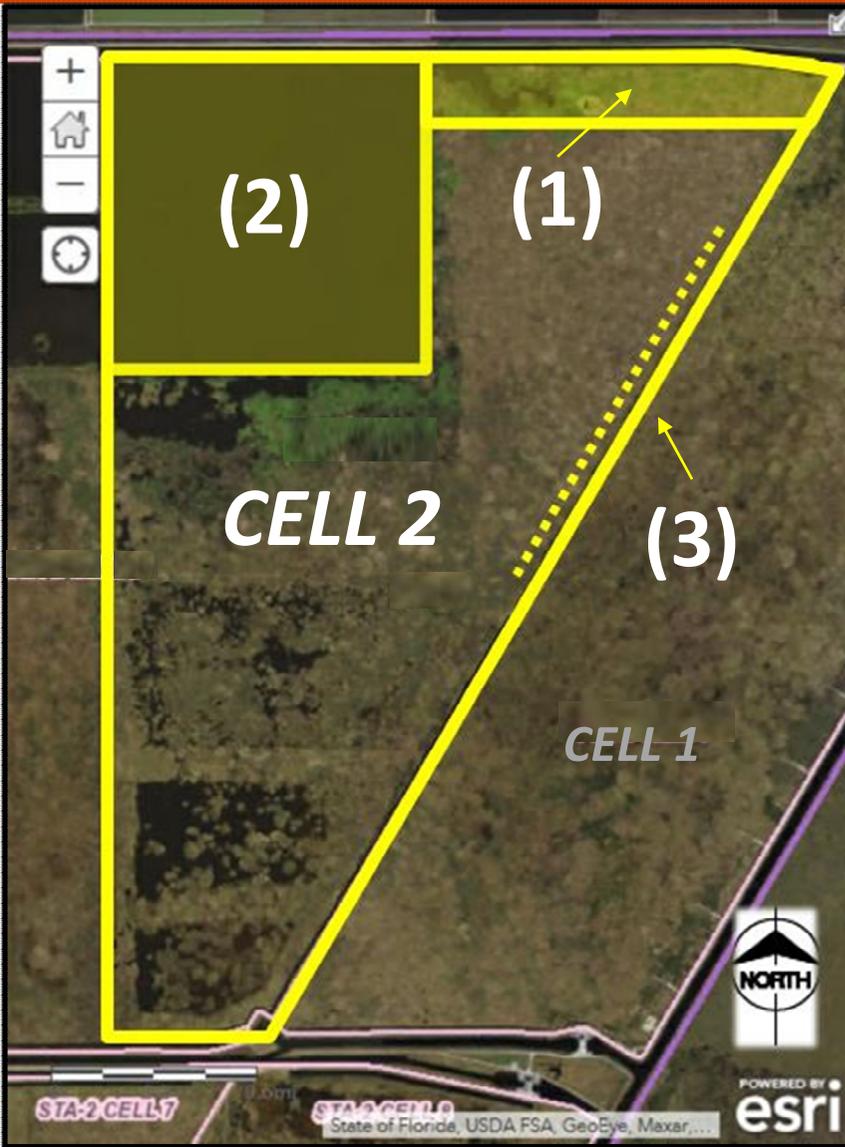
Section 2. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 9th day of February, 2023.

STA-2 Location



STA-2 Flow-way 2 (Cell 2) Refurbishments



- **(1) East Area:** Degrade high area and construct inflow structure energy dissipators
- **(2) West Area:**
 - Raise and regrade low area
 - Construct inflow structure energy dissipators
- **(3)** Restore plugs along east borrow canal



STA-2 Background

- Constructed by the District, STA-2 Flow-ways 1, 2, and 3 began operation in 2000 (Flow-ways 4 and 5 added in 2012) and provide stormwater treatment through plant uptake of phosphorus. Flow-ways 1, 4, and 5 all meet or exceed WQBEL requirements of 13-ppb (parts per billion) total phosphorus (TP).
- Flow-way 2 (Cell 2) and Flow-way 3 (Cell 3) do not meet WQBEL requirements; causes are poor vegetation, inappropriate grades, and deteriorated canal plugs:
 - Flow-way 2 (Cell 2) performance 27-ppb¹ TP
 - Flow-way 3 (Cell 3) performance 18-ppb¹ TP
- This project addresses Flow-way 2 (Cell 2) by regrading low areas, constructing inflow energy dissipators, and restoring canal plugs.
- A separate project to address Flow-way 3 (Cell 3) targeted for Jan 2021.

1: Zhao and Piccone, 2020, for WY 2002 - 2017, with recent performance in line with long term performance

STA-2 Refurbishments Change Order No. 2

Claims addressed by Change Order:

- Fuel price increase for work scope *not* included with the original bid
- Removal of sediment in the distribution canal that was not suitable for placement on the cell bottom
- Dispute in existing grades of cell bottom

MEMORANDUM

TO: Governing Board Members

FROM: Alan Shirkey, Ecosystem Restoration & Capital Projects

DATE: February 9, 2023

SUBJECT: STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project, Palm Beach County

Agenda Item Background:

As part of the District's STA Refurbishments Program, the STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project will correct deteriorated canal plugs which allow short-circuits in water flow to develop. This will be achieved by restoring canal plugs and forcing the water flow through the treatment area vegetation. The Project will use imported soils procured by this Project. The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids procurements, this item was competitively bid through a sealed bid process.

Additional Item Background:

Core Mission and Strategic Priorities:

The STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project supports the District's core missions of water quality and ecosystem restoration.

Staff Contact and/or Presenter:

Alan Shirkey, ashirkey@sfwmd.gov, 561-682-2579

ATTACHMENTS:

[Resolution No. 2023-0211](#)

[Background Information](#)

[Preliminary Notice of Intent to Award](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a 170-day contract with Ryan Incorporated Southern, the lowest responsive and responsible bidder for the STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project, in the amount of \$3,896,700, for which Ad Valorem and dedicated funds (Everglades Trust Fund) are budgeted in Fiscal Year 2022-2023; providing an effective date. (Contract No. 4600004717)

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 170-day contract with Ryan Incorporated Southern, the lowest responsive and responsible bidder for the STA-2 Refurbishments Cell 3 Canal Plugs - Imported Soil Project, in the amount of \$3,896,700.

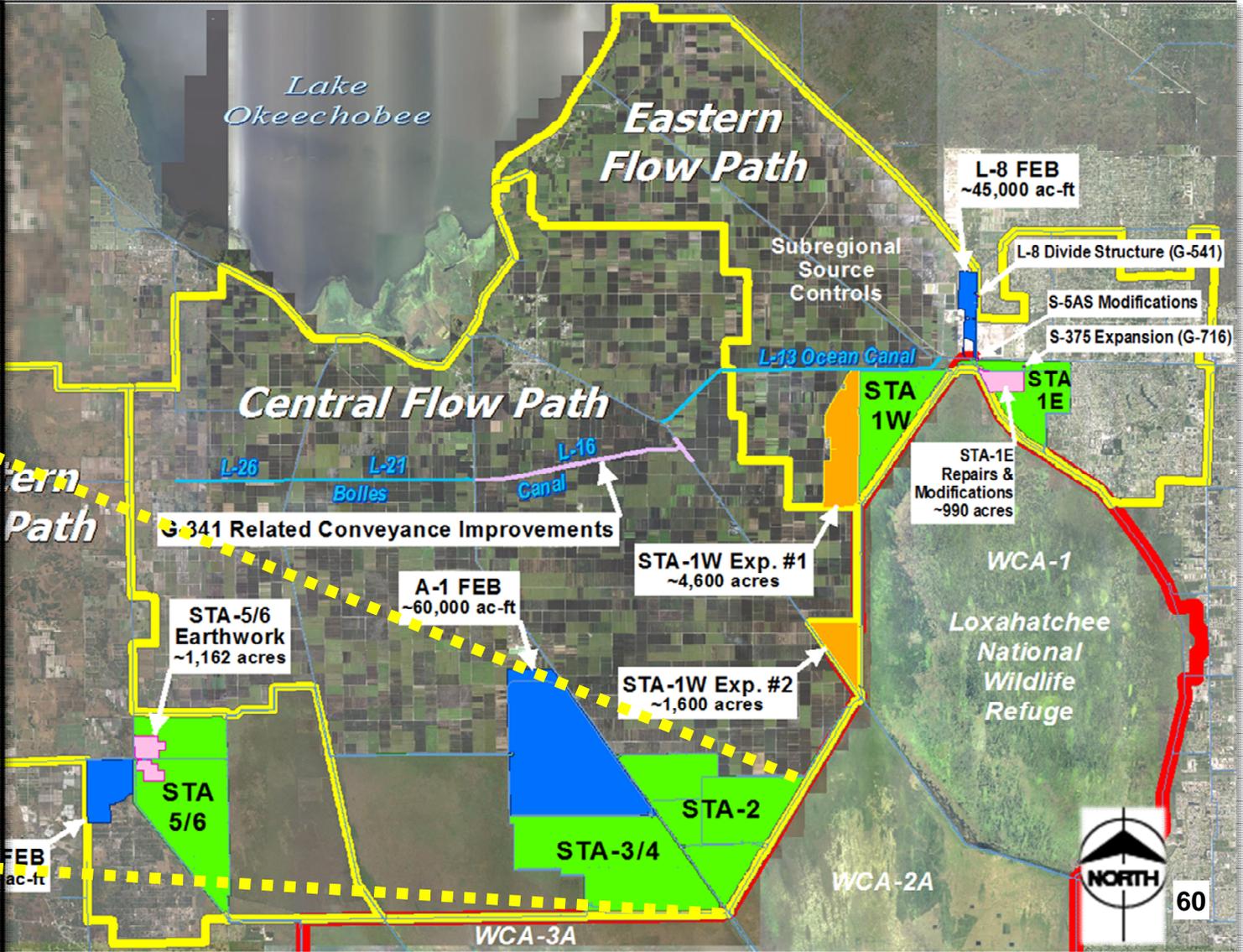
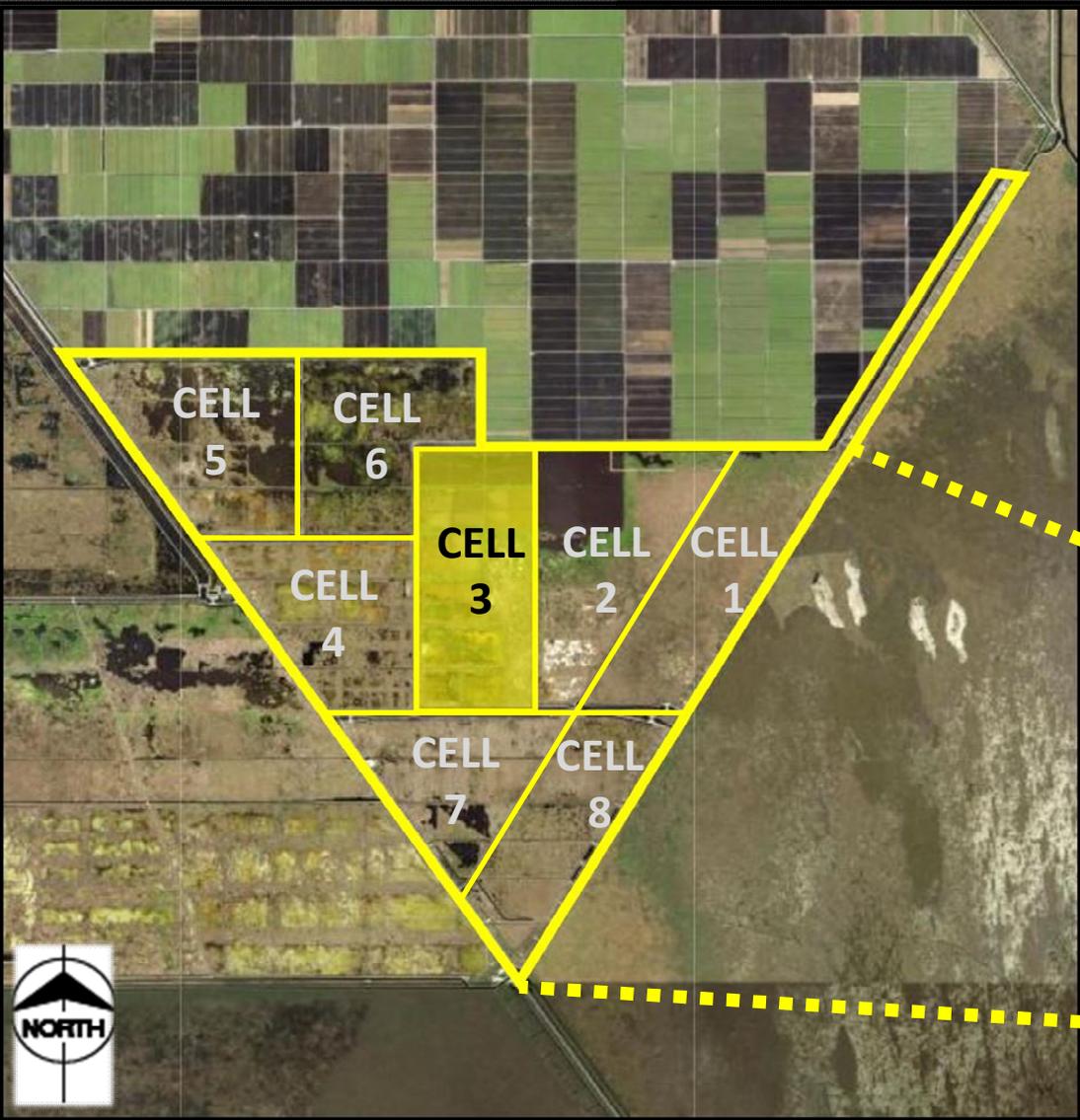
NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby approves entering into a 170-day contract with Ryan Incorporated Southern, the lowest responsive and responsible bidder for the STA-2 Refurbishments Cell 3 Canal Plugs – Imported Soil Project, in the amount of \$3,896,700, for which Ad Valorem and dedicated funds (Everglades Trust Fund) are budgeted in Fiscal Year 2022-2023. (Contract No. 4600004717)

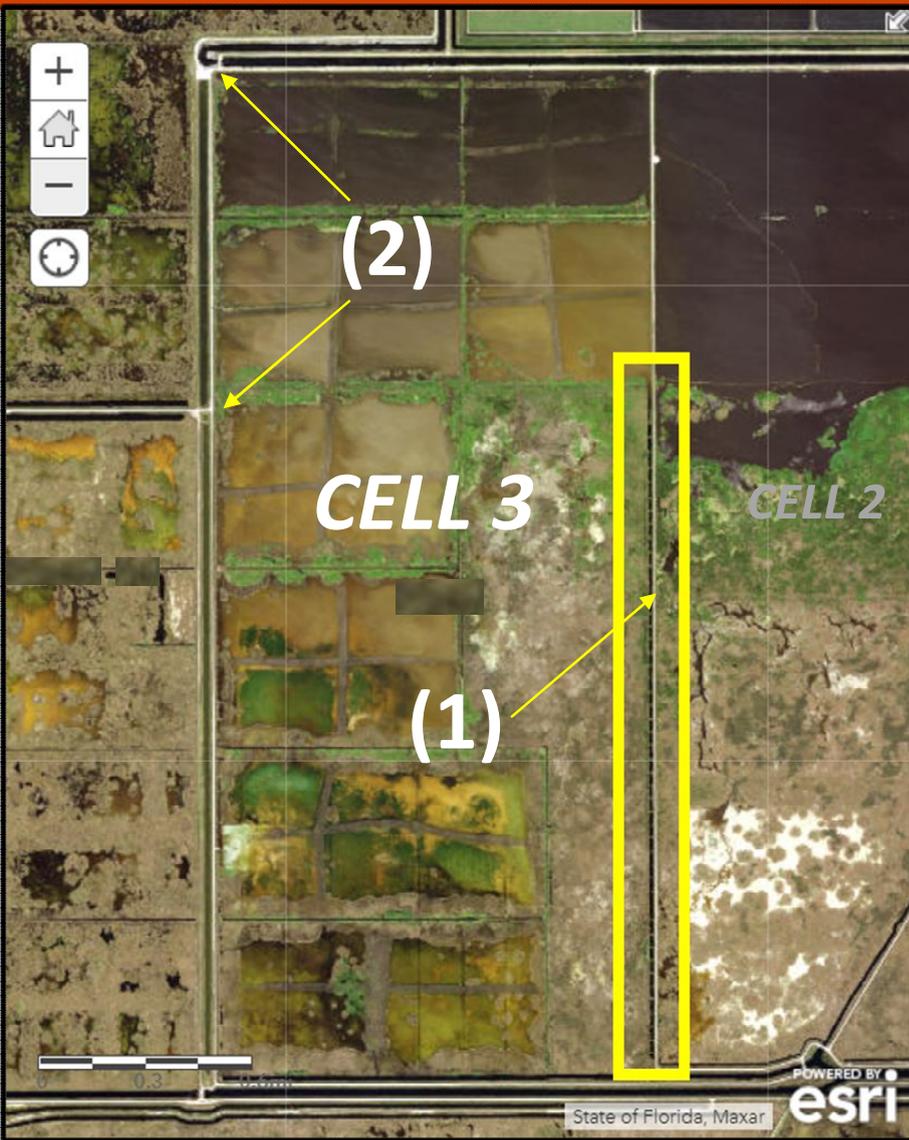
Section 2. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 9th day of February, 2023.

STA-2 Location



STA-2 Refurbishments - Cell 3 Canal Plugs



- **(1)** Restore plugs at east borrow canal
- **(2)** Stockpile locations

STA-2 Background

- Provides stormwater treatment through plant uptake of phosphorus
- Decline in treatment performance with outflow concentrations exceeding WQBEL requirements
- Primary remaining cause is poor flow patterns in Cell 3 caused by deteriorated canal plugs. This will be remediated by restoring canal plugs. The Project procures imported soils for the construction of the canal plugs to be installed by Field Station staff.



SOUTH FLORIDA WATER MANAGEMENT DISTRICT NOTICE OF INTENT TO AWARD

RFB No.: 6000001395 SBE Subcontracting Goal: 25% Total Bids Received: 4 Bids Received from SBEs: 1 Total Number of Planholders: 81 Total SBE Planholders: 36 Contract Specialist: Gina Jolly Project Manager: Denys Purdy	Title: STORMWATER TREATMENT AREA 2 (STA-2) REFURBISHMENTS CELL 3 CANAL PLUGS - IMPORTED SOIL, PALM BEACH COUNTY Opening Date: 1/23/2023 Advertised Date: 12/9/2022 Advertisement: Palm Beach Post
--	--

<u>BIDDERS</u>	<u>BID AMOUNT</u>
RYAN INCORPORATED SOUTHERN	\$3,896,700.00
THE DICKERSON GROUP, INC. dba DICKERSON FLORIDA, INC.	\$4,315,200.00
H & R OF BELLE GLADE, INC.	\$4,430,000.00
FERREIRA CONSTRUCTION SOUTHERN DIVISION CO., INC.	\$4,888,700.00

The bid amounts indicated above are as submitted at the bid opening and are subject to verification. Award of the contracts to the lowest bidder is subject to the District's determination that the bid is responsive and that the bidder is responsible as indicated by the signatures below.

Approvals required in numerical order. Signatures must be dated.

Project Manager - Attach detailed justification that recommended bidder is responsive and responsible. Recommendation for award to low bidder? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, recommend award to: _____ Basis of recommendation: _____ _____ _____ Governing Board approval of award or contract required? <input type="checkbox"/> Yes <input type="checkbox"/> No	1. _____ <i>Project Manager</i> <i>Date</i> 2. _____ <i>Section Administrator</i> <i>Date</i> 3. _____ <i>Bureau Chief</i> <i>Date</i> 4. _____ <i>Division Director</i> <i>Date</i> 5. _____ <i>Contract Specialist</i> <i>Date</i> 6. _____ <i>Contract Manager</i> <i>Date</i> 7. _____ <i>Office of Counsel</i> <i>Date</i> 8. _____ <i>Procurement Bureau Chief</i> <i>Date</i>
--	---

NOTE: This form shall serve as the District's Notice of a decision or intended decision as defined in Section 120.57(3)(a) Florida Statutes and Chapter 28-110, Florida Administrative Code. Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under chapter 120, Florida Statutes. Any protest or bond or other security must be filed with the District Clerk.

Posting Date: _____
Posting Time: _____
Initials: _____

MEMORANDUM

TO: Governing Board Members

FROM: Rich Virgil, Field Operations Division

DATE: February 9, 2023

SUBJECT: Procurement of Portable Pumps

Agenda Item Background:

During Hurricane Ian, the District deployed several portable pumps from private vendors to reduce flooding in communities affected by the storm's rainfall. During emergency events, the District often competes for portable pumps with other government agencies and response organizations. To support a more efficient response in the future, District staff are recommending the purchase of portable pumps that can be rapidly staged and deployed throughout the District's 16-county region. Portable pumps can be used to quickly dewater sites, move water more efficiently through the flood control system, and move water into sites where additional water is needed.

Additional Item Background:

This project is for the Miami Field Station and the Clewiston Field Station areas of responsibility as the centralized field stations for the storage and upkeep of these portable pumps.

Core Mission and Strategic Priorities:

Aid the District's flood control system during rain events or emergency situations.

Staff Contact and/or Presenter:

Richard Virgil, rvirgil@sfwmd.gov, 561-682-6759

ATTACHMENTS:

[Resolution No. 2023-0212](#)

[Background Information](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District to authorize the purchase of four (4) portable pumps using the Florida Sheriffs Association Contract FSA-EQU18.00 with Holland Pump Company for the purpose of providing a complete Pump/Engine/Fuel Tank/Skid and accessories bundle capable of being deployed in response to rain events and emergency situations, in an amount not-to-exceed \$1,397,648 for which Ad Valorem funds are budgeted in Fiscal Year 2022-2023; providing an effective date. (Purchase Order No. 4500139753)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize the purchase of four (4) portable pumps using the Florida Sheriffs Association Contract FSA-EQU18.00 with Holland Pump Company for the purpose of providing a complete Pump/Engine/Fuel Tank/Skid and accessories bundle, capable of being deployed in response to rain events and emergency situations, in an amount not-to-exceed \$1,397,648 for which Ad Valorem funds are budged in Fiscal Year 2022-2023.

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 the purchase of four (4) portable pumps using the Florida Sheriffs Association Contract FSA-EQU18.00 with Holland Pump Company for the purpose of providing a complete Pump/Engine/Fuel Tank/Skid and accessories bundle, capable of being deployed in response to rain events and emergency situations in an amount not-to-exceed \$1,397,648 for which Ad Valorem funds are budgeted in Fiscal Year 2022-2023. (Purchase Order No. 4500139753)

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

PASSED and ADOPTED this 9th day of February, 2023.

Introduction



- During rain events and emergency situations, Field Operations has increasingly used portable pumps to alleviate flood conditions and restore water levels.
- The new pumps will have higher lift capacity and be able to pump longer distances, which will augment and complement the District's existing inventory of temporary pumps.
- New pump equipment will come bundled on a single skid unit which will make them easier to transport and install.
- Progressively more the District has been asked to provide additional portable pump capacity to other cities, counties and local government agencies to alleviate flooding conditions.

Holland Portable Suction Trash Pumps



Easy off Loading

Equipment Bundled on Skid Unit



Quote Summary



- **4 each - 415HP, 1800 RPM Caterpillar Turbo Engine with 18in. Suction Trash Pump, enclosed on barge-like base suitable for moving pump with portable fuel tank and 300 feet of HDPE pipe with standard fittings and accessories for a total of \$1,467,372**

MEMORANDUM

TO: Governing Board Members

FROM: , Field Operations Division

DATE: February 9, 2023

SUBJECT: A. Clewiston Field Station Area of Responsibility, Palm Beach, Hendry, Glades and Broward Counties

Agenda Item Background:

Maintenance of District lands and rights of way is required to ensure that vegetation is controlled at the appropriate height to provide for optimal performance and operational efficiency of the District's flood control system. This contract is for right of way mowing services of approximately 13,116 acres of various District lands and canal and levee rights of way in the Clewiston Field Station area of responsibility, including Palm Beach, Hendry, Glades and Broward counties.

Additional Item Background:

Core Mission and Strategic Priorities:

Mowing the District's rights of way reduces and controls vegetative growth along canal banks which can impede operations, inspections and access to the District's water control facilities.

Staff Contact and/or Presenter:

ATTACHMENTS:

[Resolution No. 2023-0213](#)

[Background Information](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District authorizing entering into a 3-year contract with two 1-year renewal options with CM Harris, Inc., the lowest responsive and responsible bidder, for right of way mowing services of various District lands and canal and levee rights of way in the Clewiston Field Station area of responsibility, including Palm Beach, Hendry, Glades and Broward counties, in an amount not-to-exceed \$1,767,381 for which \$179,326 in Ad Valorem funds is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets; providing an effective date. (Contract No. 4600004708)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize a 3-year contract with two 1-year renewal options with CM Harris, Inc., for right of way mowing services of various District lands and canal and levee rights of way in the Clewiston Field Station area of responsibility, including Palm Beach, Hendry, Glades and Broward counties, in an amount not-to-exceed \$1,767,381 for which \$179,326 is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets.

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 the contract with CM Harris, Inc. for right of way mowing services of various District lands and canal and levee rights of way in the Clewiston Field Station's area of responsibility, including Palm Beach, Hendry, Glades and Broward counties, in an amount not-to-exceed \$1,767,381 for which \$179,326 in Ad Valorem funds is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets. (Contract No. 4600004708)

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

PASSED and ADOPTED this 9th day of February, 2023.

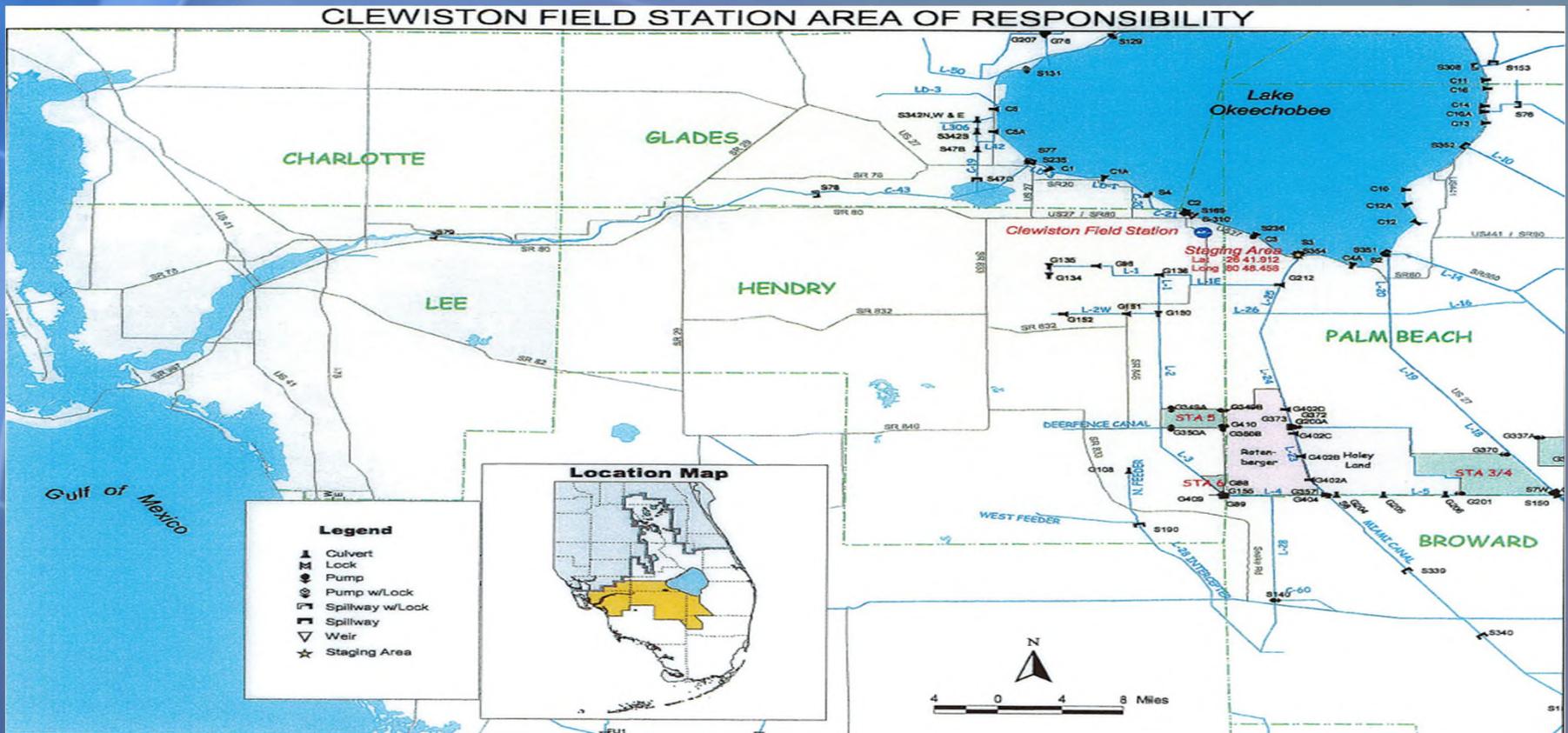
Introduction



The Clewiston Field Station area of responsibility includes Palm Beach, Hendry, Glades and Broward Counties. Within these Counties, the Field Station maintains approximately:

- 320 miles of canal and levee rights of way with approximately 51 access gates
- 13,116 acres annually of various District lands including canals and levees.

Location Map



Mowing of the System



Canals



Levees



Services include the use of conventional high production machine mowing and trimming equipment

RFB Number: 6000001366

Title: Right-of-Way Mowing Services, Clewiston Field Station, Eastern and Western Service Areas, Palm Beach, Hendry, Glades and Broward Counties.

Bid Summary:

- **Release Date: October 12, 2022**
- **Mandatory Pre-Bid Meeting: October 25, 2022 – 19 Attendees**
- **Deadline for Bid Submission: November 09, – 8 Bids Received**
- **Bid Range: \$24.50 per acre to \$39.75 per acre**

MEMORANDUM

TO: Governing Board Members

FROM: , Field Operations Division

DATE: February 9, 2023

SUBJECT: B. Okeechobee Field Station Area of Responsibility, Martin and St. Lucie Counties and Portions of Glades, Highlands and Okeechobee Counties

Agenda Item Background:

Maintenance of District lands is required to ensure that vegetation is controlled at the appropriate height to provide for optimal performance and operational efficiency of the District's flood control system. This contract is for right of way mowing services of approximately 40,748 acres of various District lands and canal and levee rights of way in the Okeechobee Field Station area of responsibility, including Martin and St. Lucie counties and portions of Glades, Highlands and Okeechobee counties.

Additional Item Background:

Core Mission and Strategic Priorities:

Mowing the District's rights of way reduces and controls vegetative growth along canal banks which can impede operations, inspections and access to the District's water control facilities.

Staff Contact and/or Presenter:

ATTACHMENTS:

[Resolution No. 2023-0214](#)

[Background Information](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District authorizing entering into a 3-year contract with two 1-year renewal options with Chavez's Lawn Services, Inc., the lowest responsive and responsible bidder, for right of way mowing services of various District lands and canal and levee rights of way in the Okeechobee Field Station area of responsibility, including Martin and St. Lucie counties and portions of Glades, Highlands and Okeechobee counties, in an amount not-to-exceed \$4,258,166 for which \$428,222 is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets; providing an effective date. (Contract No. 4600004706)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize a 3-year contract with two 1-year renewal options with Chavez's Lawn Services, Inc., for right of way mowing services of various District lands and canal and levee rights of way in the Okeechobee Field Station area of responsibility, including Martin and St. Lucie counties and portions of Glades, Highlands and Okeechobee counties, in an amount not-to-exceed \$4,258,166 for which \$428,222 is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets.

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 Chavez's Lawn Services, Inc., for right of way mowing services of various District lands and canal and levee rights of way in the Okeechobee Field Station's area of responsibility, including Martin and St. Lucie counties and portions of Glades, Highlands and Okeechobee counties, in an amount not-to-exceed \$4,258,166 for which \$428,222 is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets. (Contract No. 4600004706)

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

PASSED and ADOPTED this 9th day of February, 2023.

Introduction



The Okeechobee Field Station area of responsibility includes Martin and St. Lucie Counties and portions of Glades, Highlands and Okeechobee Counties. Within these Counties, the Field Station maintains approximately:

- 470 miles of canal and levee rights of way with approximately 350 access gates
- 40,748 acres annually of various District lands including canals, levees and Stormwater Treatment Areas

Stormwater Treatment Areas (STAs) include:

- Taylor Creek, Nubbin Slough, Lakeside Ranch, C-44 and Ten Mile Creek



Mowing of the System

Canals



Levees



STAs



Services include the use of conventional high production machine mowing and trimming equipment

RFB Number: 6000001376



Title: Right of Way Mowing Services, Okeechobee Field Station, Glades, Highlands, Martin, Okeechobee & St. Lucie Counties, FL

Bid Summary:

- **Release Date: August 24, 2022**
- **Mandatory Pre-Bid Meeting: September 15, 2022 – 15 Attendees**
- **Deadline for Bid Submission: October 04, 2022 – 7 Bids Received**
- **Bid Range: \$19.00 per acre to \$49.50 per acre**

M E M O R A N D U M

TO: Governing Board Members

FROM: , Field Operations Division

DATE: February 9, 2023

SUBJECT: C. West Palm Beach Field Station Area of Responsibility, Palm Beach County

Agenda Item Background:

Maintenance of District lands is required to ensure that vegetation is controlled at the appropriate height to provide for optimal performance and operational efficiency of the District's flood control system. This contract is for right of way mowing services of approximately 21,588 acres of various District lands and canal and levee rights of way in the West Palm Beach Field Station area of responsibility.

Additional Item Background:

Core Mission and Strategic Priorities:

Mowing the District's rights of way reduces and controls vegetative growth along canal banks which can impede operations, inspections and access to the District's water control facilities.

Staff Contact and/or Presenter:

ATTACHMENTS:

[Resolution No. 2023-0215](#)

[Background Information](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2023 - 02XX

A Resolution of the Governing Board of the South Florida Water Management District authorizing entering into a 3-year contract with two 1-year renewal options with Treasure Coast Lawns, Inc., the lowest responsive and responsible bidder, for right of way mowing services of various District lands and canal and levee rights of way in the West Palm Beach Field Station area of responsibility, in an amount not-to-exceed \$2,337,872.46 for which \$350,681 in Ad Valorem funds is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets; providing an effective date. (Contract No. 4600004711)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate and in the public interest to authorize a 3-year contract with two 1-year renewal options with Treasure Coast Lawns, Inc., for right of way mowing services of various District lands and canal and levee rights of way in the West Palm Beach Field Station area of responsibility, in an amount not-to-exceed \$2,337,872.46 for which \$425,067.72 in Ad Valorem funds is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets.

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 Treasure Coast Lawns, Inc., for right of way mowing services of various District lands and canal and levee rights of way in the West Palm Beach Field Station's area of responsibility, in an amount not-to-exceed \$2,337,872.46 for which \$350,681 in Ad Valorem funds is budgeted in Fiscal Year 2022-2023 and the remainder is subject to Governing Board approval of future years budgets. (Contract No. 4600004711)

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

PASSED and ADOPTED this 9th day of February, 2023.

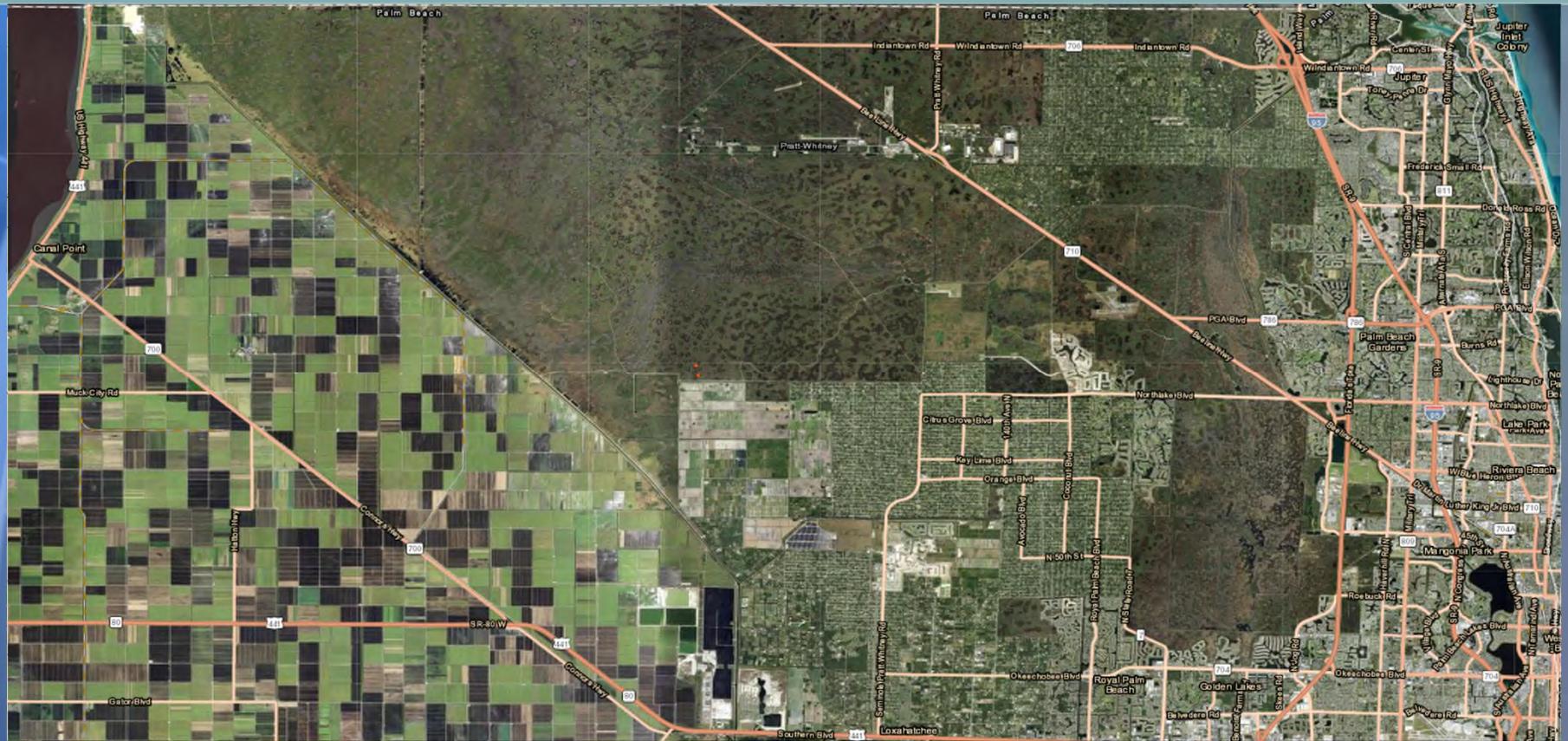
Introduction



The West Palm Beach Field Station area of responsibility. The Field Station maintains approximately:

- **400 miles of canal and levee rights of way with approximately 240 access gates.**
- **21,588 acres annually of various District lands including canals, levees and Stormwater Treatment Areas.**

Location Map





Mowing of the System

Canals



Levees



STAs



Services include the use of conventional high production machine mowing and trimming equipment

RFB Number: 6000001367



**Title: Right of Way Mowing Services, West Palm Beach Field Station,
FL**

Bid Summary:

- **Release Date: October 18, 2022**
- **Mandatory Pre-Bid Meeting: November 7, 2022 – 12 Attendees**
- **Deadline for Bid Submission: October 22, 2022 – 3 Bids Received**
- **Bid Range: \$19.69 per acre to \$25.25 per acre**

MEMORANDUM

TO: Governing Board Members

FROM: Drew Bartlett, Executive Office

DATE: February 9, 2023

SUBJECT: Response to Governor DeSantis' Executive Order Number 23-06 (Achieving *Even More Now* for Florida's Environment)

Agenda Item Background:

On January 10, 2023, Governor Ron DeSantis signed Executive Order 23-06: Achieving *Even More Now* for Florida's Environment, and this agenda item provides an overview of the District's approach to support the implementation of the order. It lays out the State of Florida's plan to advance the protection of Florida's environment and water quality. In addition, the order calls for \$3.5 billion in state investment over four years for Everglades restoration and the protection of Florida's water resources. The order also provides several directives to the District including expediting District-led Everglades restoration projects, working with the U.S. Army Corps of Engineers (USACE) to advance projects efforts, and reporting the progress of USACE projects to the Governing Board. District staff have identified opportunities to achieve even more now for America's Everglades and will review these approaches with the Governing Board.

Staff Contact and/or Presenter:

Drew Bartlett, dbartlett@sfwmd.gov, 561-682-6993

ATTACHMENTS:

[Executive Order 23-06: Achieving Even More Now for Florida's Environment](#)



EXECUTIVE ORDER 23-06

Achieving *Even More* Now for Florida's Environment

WHEREAS, on January 10, 2019, I signed Executive Order 19-12, which laid out a bold plan to achieve more now for Florida's environment, and in the last four years, we have made incredible progress, entering into a golden era for conservation and protection of our treasured natural resources; and

WHEREAS, we secured unprecedented funding for the protection of our natural resources, including over \$3.3 billion in state funding for Everglades restoration and protection of our water resources, far surpassing our goal of \$2.5 billion; and

WHEREAS, we expedited Everglades restoration to reduce harmful discharges and send more water south, with more than 50 Everglades restoration projects being completed, breaking ground, or hitting a major milestone, and helped Florida Bay reach salinity goals for the first time in decades; and

WHEREAS, in 2020, I signed into law Senate Bill 712, which was the most consequential environmental legislation in decades and included a wide range of water quality protections aimed at minimizing the impact of known nutrient pollution sources, realigning the State's resources to better protect Florida's environment, and strengthening our environmental regulatory requirements; and

WHEREAS, we invested \$1.6 billion in water quality improvements, created the Wastewater Grant Program to construct, upgrade, or expand wastewater facilities, provide advanced wastewater treatment, and convert septic-to-sewer, and dedicated historic funding to increase alternative water supply and restore and protect Florida's springs; and

WHEREAS, we dedicated funding to enhance our state's water quality monitoring and identify new and innovative ways to treat, predict, and respond to blue-green algal blooms, including more than \$45 million to the Innovative Technology Grant Program and funding 20 different innovative technology projects to date; and

WHEREAS, the State, with the coordination of the Chief Science Officer, ensured that science is at the forefront of environmental protection and policy, with enhanced monitoring, innovative research, and modern data analytics to support water quality restoration and ensure that high quality, scientific data are readily available to citizens and state agencies; and

WHEREAS, we provided support to local governments for red tide cleanup efforts and established the Center for Red Tide Research within the Florida Fish and Wildlife Conservation Commission's (FWC) Fish and Wildlife Research Institute, which brings together state and local governments, universities, private sector partners, and community scientists to enhance statewide red tide monitoring and conduct applied research associated with tracking, predicting, and mitigating the effects of red tide; and

WHEREAS, the State, with the coordination of the Chief Resilience Officer, invested more than \$1.1 billion in resilience projects to protect our communities from flooding and sea level rise; and

WHEREAS, we established the Florida Wildlife Corridor and committed more than \$600 million to the Florida Forever Program and acquired more than 170,000 acres for conservation, nearly four times that acquired in the previous four years; and

WHEREAS, while the achievements of the first four years are historic, protecting our water resources, investing to make our communities more resilient, and preserving our conservation lands are essential to our economy and way of life, and we must continue the momentum of the last four years to achieve even more now for Florida's environment and ensure that we leave Florida to God better than we found it.



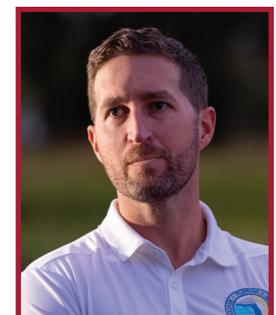
Signing of Executive Order 19-12 on January 10, 2019.



Gov. DeSantis signs Senate Bill 712.



Dr. Mark Rains, Chief Science Officer.



Dr. Wes Brooks, Chief Resilience Officer.

NOW, THEREFORE, I, RON DESANTIS, as Governor of Florida, by virtue of the authority vested in me by article IV, section (1)(a) of the Florida Constitution, and all other applicable laws, do hereby issue the following Executive Order, to take immediate effect:

Section 1: Continuing Historic Investments in Everglades Restoration, Water Quality, and Water Supply

I hereby direct the Department of Environmental Protection (DEP) to take the following actions to build on our momentum and further protect Florida's water resources:



A. Secure \$3.5 billion over the next four years for Everglades restoration and protection of our water resources, including water quality and water supply.

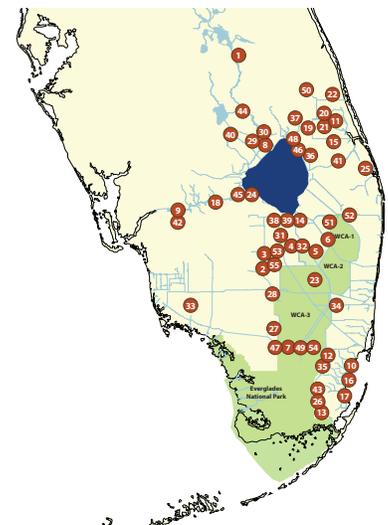
B. Work with the Legislature to expand the existing Wastewater Grant Program, which is currently limited to funding septic-to-sewer conversions, advanced septic system upgrades, and upgrades to advanced wastewater treatment projects, by broadening project eligibility to also address impacts from nonpoint sources such as stormwater and agricultural runoff and address aging wastewater infrastructure that increases nutrient loading to surface and groundwater.

- i) Strategically engage with local governments and stakeholders to identify the most effective and beneficial water quality improvement projects.
- ii) Instruct all water management districts to annually identify regional projects to improve water quality.
- iii) Continue to prioritize grants to local governments for septic-to-sewer conversions and identify ways to minimize the installation of new septic systems in areas with impaired waterways.
- iv) Ensure that all wastewater facilities discharging to waterbodies within a basin management action plan (BMAP) area or discharging to a waterbody not attaining water quality standards upgrade to advanced wastewater treatment by 2033.

C. Partner with the Department of Economic Opportunity and local governments to improve local government long-term comprehensive planning that ensures sustainable growth while protecting our natural resources, including prioritizing sewer connections and advanced wastewater systems that can sustain increased population demands and protecting taxpayer investments in Everglades restoration projects and major land conservation and water quality protection programs.

D. Direct the South Florida Water Management District (SFWMD) to:

- i) Continue expediting Everglades restoration projects, including Comprehensive Everglades Restoration Program (CERP) projects and projects that minimize the risk of harmful discharges and send water south.
- ii) Make every effort to advance Everglades restoration projects undertaken by the U.S. Army Corps of Engineers (Corps) to ensure meaningful progress over the next four years, including any component of the Everglades Agricultural Area (EAA) Reservoir Project, all CERP storage components within the Lake Okeechobee watershed, and any component of the Indian River Lagoon-South project reservoirs.
- iii) Hold the Corps accountable by reporting on the Corps' progress on CERP construction projects and CERP planning efforts for the restoration of the Greater Everglades at every SFWMD Board meeting.
- iv) Work with the Corps to ensure the Lake Okeechobee System Operating Manual (LOSOM) is implemented in a manner that reduces harmful discharges into our estuaries by holding water in the lake during the wet season and sending more water south to benefit the environment and meet the needs of our communities.



E. Continue progressing toward reducing the frequency and severity of harmful algal blooms, including blue-green algae and red tide, in our state's inland and coastal waters by:

- i) Directing the Blue-Green Algae Task Force to continue examining the sources of and solutions for addressing and mitigating blue-green algae and to provide additional recommendations for further state action.
- ii) Coordinating with FWC, the Florida Department of Health, and the Harmful Algal Bloom Task Force to continue providing technical expertise and recommendations for supporting investigations into harmful algal bloom causes, impacts, management responses, and mitigation strategies.
- iii) Continuing the red tide emergency grant program and creating a similar blue-green algal bloom emergency grant program to provide targeted funding supporting state and local government response efforts to minimize the harmful effects of blue-green algae blooms on our citizens and visitors.



F. For nutrient-impaired waterbodies, strengthen BMAPs, which provide a roadmap to restoring water quality and reducing pollutants, by:

- i) Updating all BMAPs to include the specific projects necessary to meet the requisite water quality standards to achieve restoration goals. The projects most likely to yield maximum pollutant reductions should be prioritized.
- ii) Requiring local governments to identify and expedite high priority projects to meet the nutrient load allocations required under a BMAP.
- iii) Working with the Florida Department of Agriculture and Consumer Services (DACs) to identify and seek funding for regional projects that address excess nutrient impacts from agricultural nonpoint sources in BMAP areas where agriculture has been identified as a significant source of nutrient pollution.

G. Work with DACs to improve Agricultural Best Management Practices (BMP), which are important measures agricultural producers utilize to reduce nutrients from entering our waterways, by:

- i) Working with DACs to ensure a comprehensive data-driven review of all agricultural BMP manuals and completion of updates, as needed.
- ii) Obtaining and reviewing site-specific data on BMP implementation, including parcel-level reporting of commodity and fertilizer application.
- iii) Working with DACs to achieve 100 percent BMP enrollment and implementation in BMAP areas



Section 2: Protecting and Restoring the Indian River Lagoon

I hereby direct DEP to identify and prioritize strategies and projects to expedite water quality restoration in the Indian River Lagoon (IRL), one of our state's most unique and diverse ecosystems, by:

A. Working with the Legislature to establish the Indian River Lagoon Protection Program and secure at least \$100 million annually for priority projects to improve water quality in the IRL.

B. Coordinating with stakeholders, including federal agencies, local governments, water management districts, and the Indian River Lagoon National Estuary Program to expand partnerships to identify and prioritize projects for water quality restoration.



Indian River Lagoon.

C. Undertaking enhanced water quality monitoring in the IRL to better identify sources of nutrient loading to inform project prioritization and improve water quality in the IRL.

D. Taking actions to reduce nutrient contributions to the IRL from septic tanks and wastewater facilities, stormwater discharges, and agriculture non-point sources, including:

- i) Ensuring the utilization of sewer when available to reduce the density of septic systems, and the proper siting of septic tanks to reduce nutrient contributions, as well as the use of advanced nutrient reducing septic systems.
- ii) Ensuring that all wastewater facilities discharging to the IRL upgrade to advanced wastewater treatment by July 1, 2025.
- iii) Prioritizing state investments for the conversion of all traditional septic tanks adjacent to the IRL to sewer, while also investing in the expansion of wastewater capacity and advanced treatment.

E. Supporting innovative nature-based solutions including living shorelines, freshwater and coastal wetland restoration, and seagrass recovery utilizing strategic propagation and planting efforts.

Section 3: Protecting Our Coasts and Making Florida Communities More Resilient

I hereby direct the Chief Resilience Officer and DEP to build upon our efforts protecting Florida communities from flooding, sea level rise, and future storm events by undertaking the following:

A. Continuing to provide expedited hurricane recovery support to the communities across the state that were impacted by Hurricanes Ian and Nicole, including seeking continued funding to nourish and restore our beaches.

B. Ensuring continued funding for statewide resilience projects through the Resilient Florida Program.

C. Supporting the completion of comprehensive vulnerability assessments for all of Florida's counties and municipalities by 2026 to better inform flood risk planning and adaptation solutions.

D. Establishing a Coral Reef Restoration and Recovery Initiative to increase the State's coral propagation and deployment capacity to restore the natural infrastructure that will enhance coastal flood and storm surge protections.

E. Coordinating with the Florida Department of Transportation to ensure it identifies and considers water quality and flood mitigation benefits when developing and implementing its resilience planning.



S-27 Structure Gate.

Section 4: Preserving and Restoring Conservation Lands for Future Generations

I hereby direct DEP to take the following actions to preserve and protect natural lands for generations to come:

A. Continue to seek consistent and meaningful annual funding for the Florida Forever Program, the state's premier conservation and recreation land acquisition program.

B. Take all necessary steps to expedite the state's land conservation efforts, including a strategic focus on acquisitions within the Wildlife Corridor and acquisitions that benefit vulnerable ecosystems, water quality, and resilience.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed, at Tallahassee, this 10th day of January, 2023.



Governor Ron DeSantis
State of Florida



Roseate Spoonbills.

M E M O R A N D U M

TO: Governing Board Members
FROM: , Office of Communications & Public Engagement
DATE: February 9, 2023
SUBJECT: Presentations for Agenda items 27, 28 and 29.

Agenda Item Background:

Staff Contact and/or Presenter:

ATTACHMENTS:

[27 Mitnik Water Conditions Report](#)

[28 Glenn Ecological Conditions Report](#)

[29 Bartlett District Response to Executive Order 23-06](#)

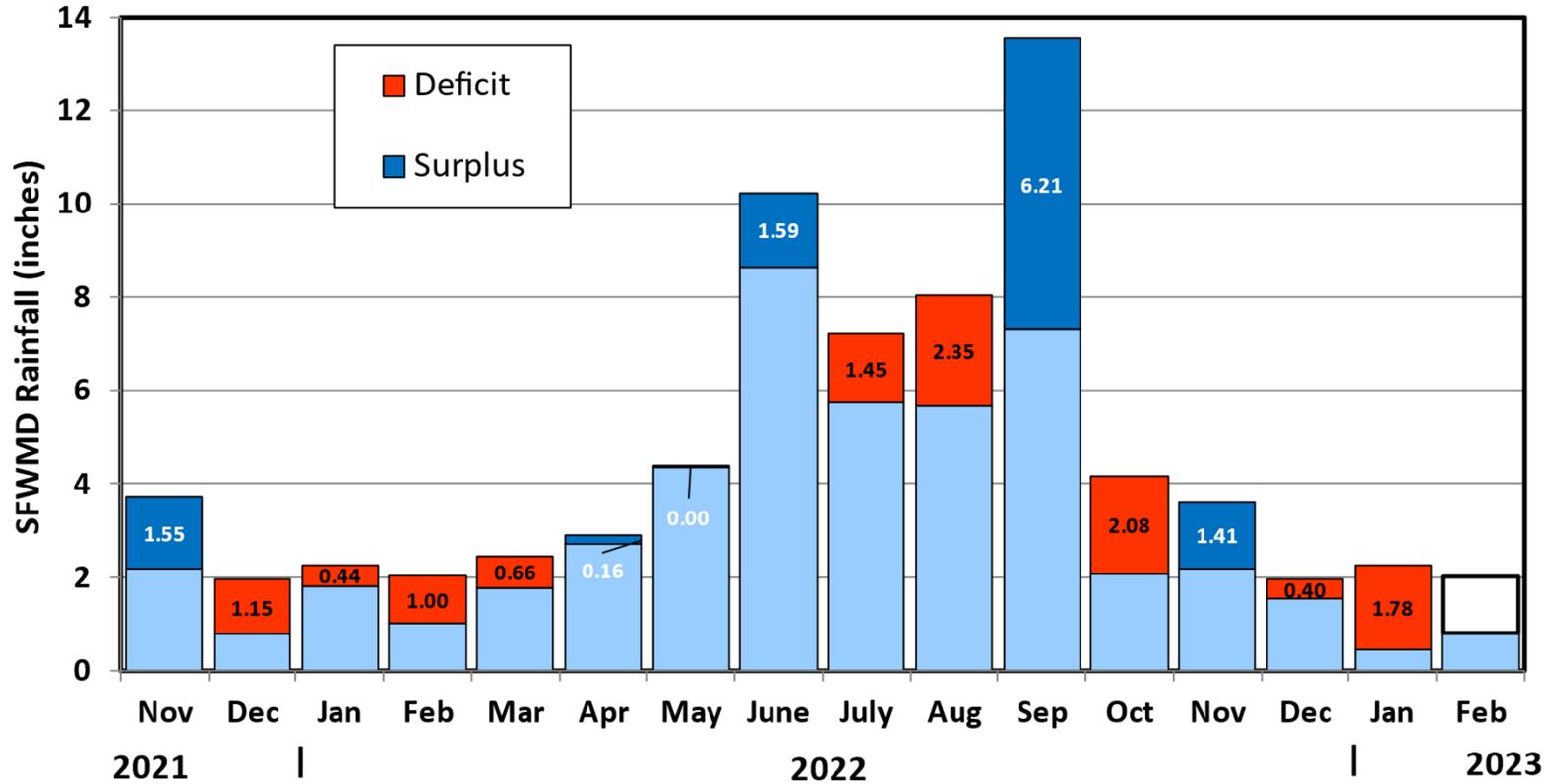
Water Conditions Summary

**South Florida Water Management District
Governing Board Meeting
February 9, 2023**



**John P. Mitnik, PE
Chief District Engineer
Assistant Executive Director**

SFWMD Rainfall Distribution Comparison (November 2021- February 2023)



District Wide Average Rainfall

Month	Average (inches)
Jan	2.24
Feb	2.01
Mar	2.43
Apr	2.71
May	4.37
Jun	8.65
Jul	7.20
Aug	8.03
Sep	7.31
Oct	4.15
Nov	2.18
Dec	1.94

} Wet Season

2021-2022 DRY SEASON

- Started 10/18/2021 and ended 5/12/2022.
- Dec 2021 to Mar 2022 all below average.
- April ended up slightly above average (106%).
- May was about average.

2022 WET SEASON

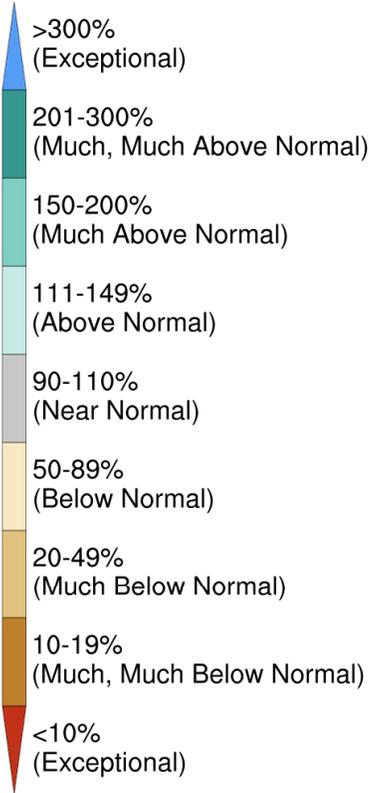
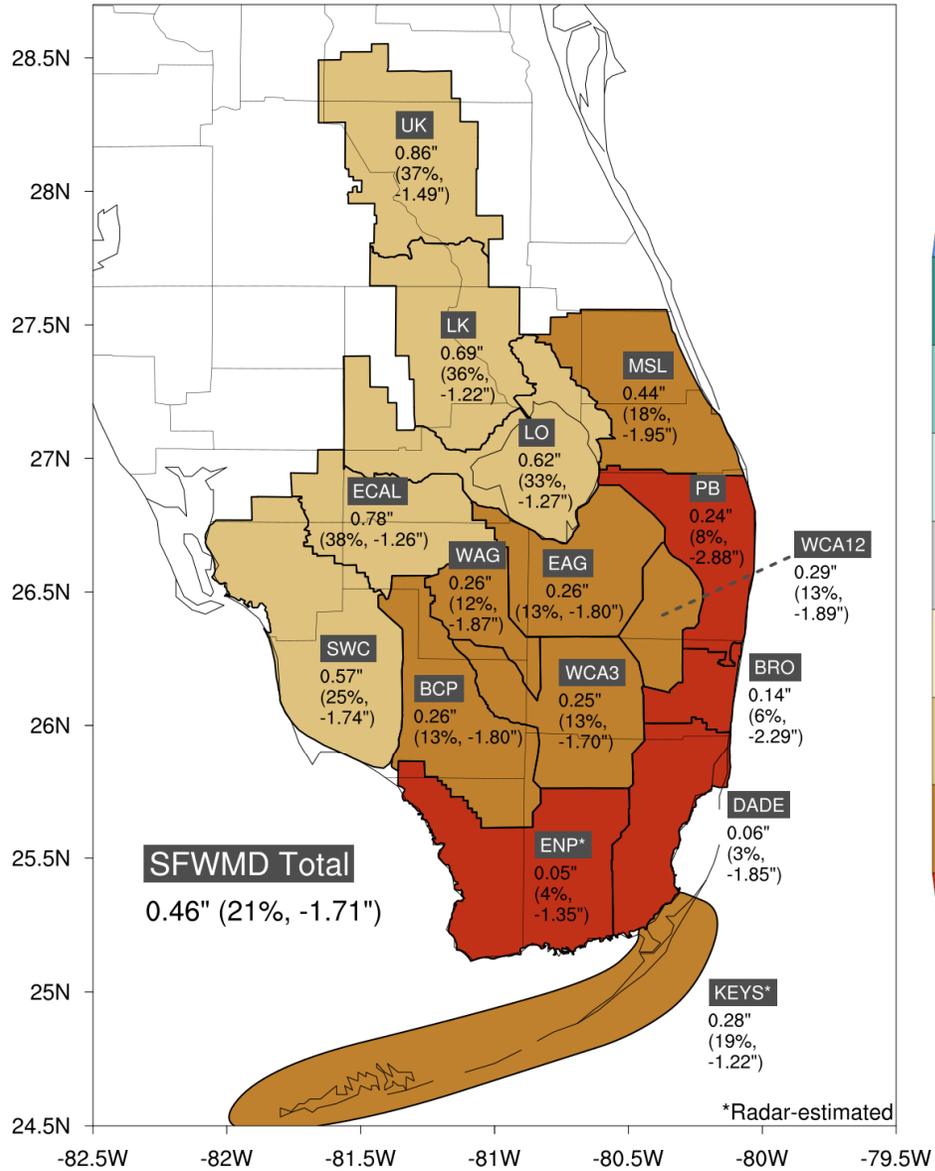
- Started 5/13/2022 – Ended 9/28/2022
- May ~ 100%, Jun ~ 120%, Jul ~ 80%, Aug ~ 65%
- Sep 2022 total 13.52", 191% of Normal
- Sep 26-29, Hurricane Ian ~ 5.3"

2022-2023 DRY SEASON

- Started 9/29/2022.
- October was below Normal; November above Normal; December below Normal.
- January was much, much below Normal.

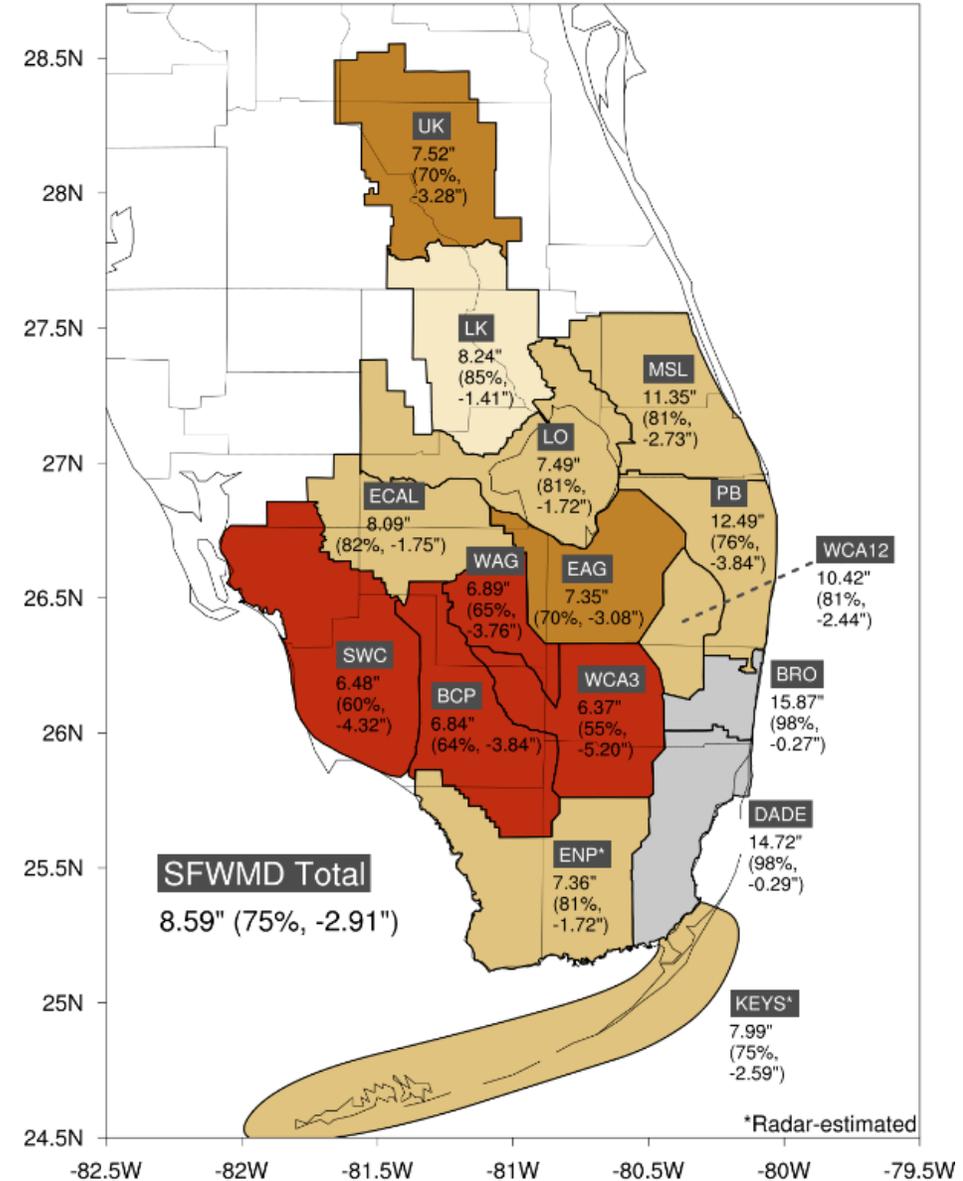
January 2023 (1/1/23 to 1/30/23)

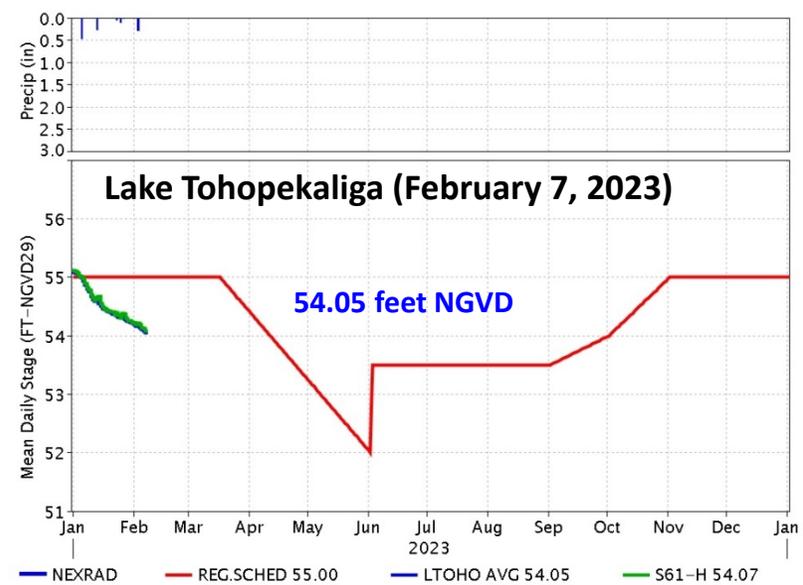
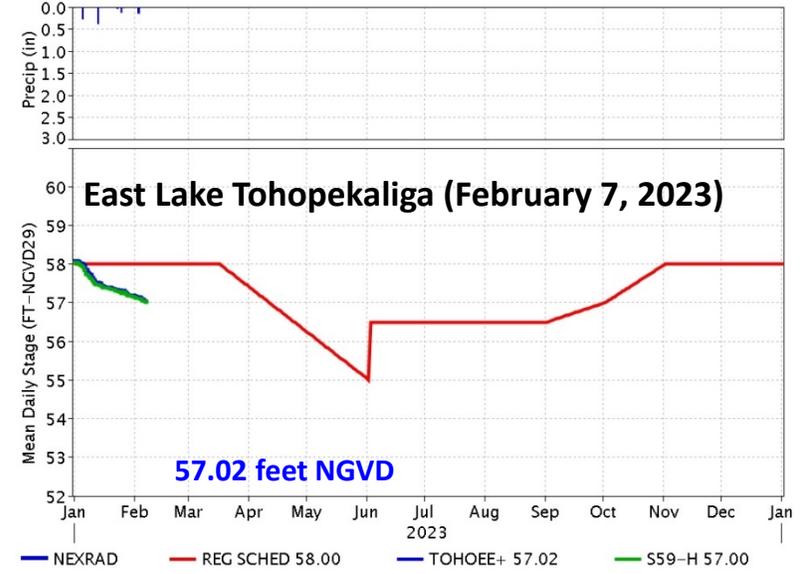
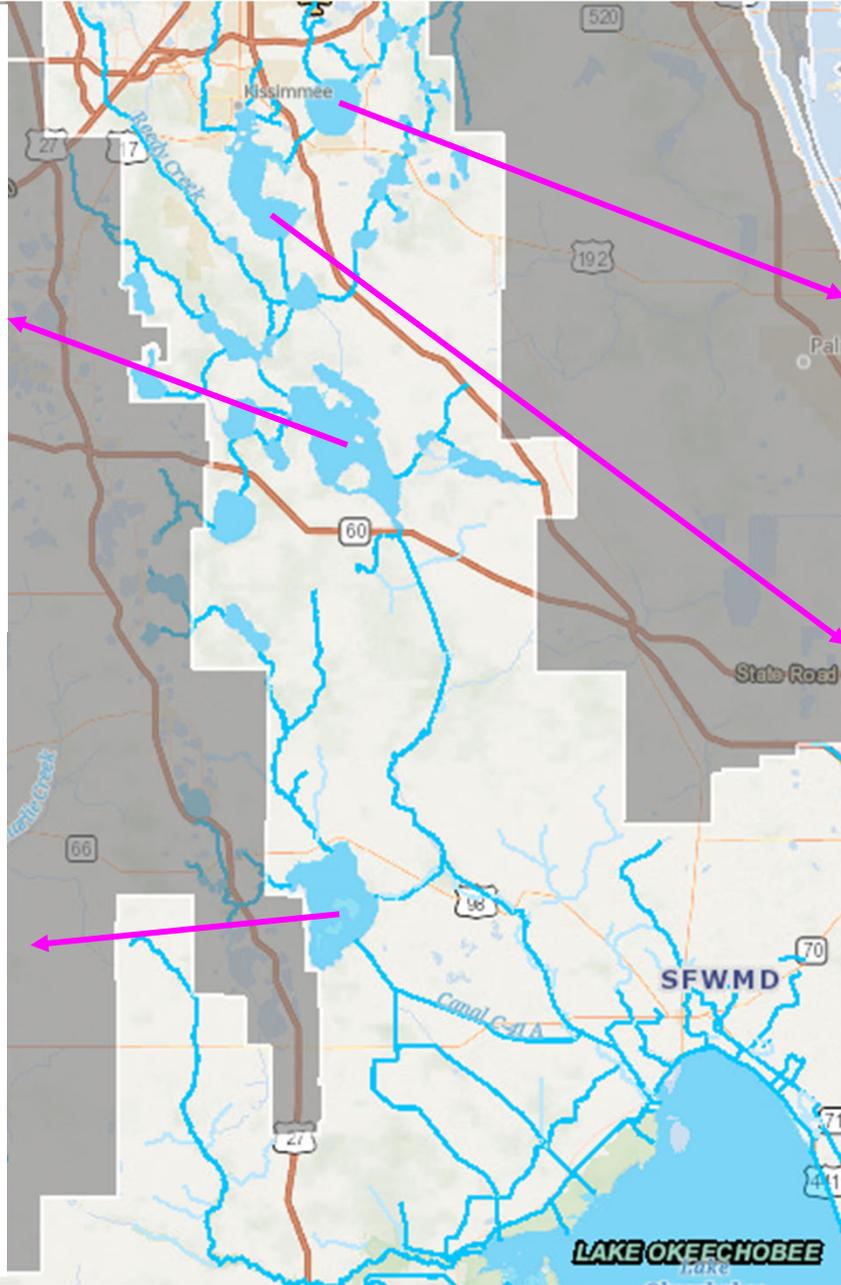
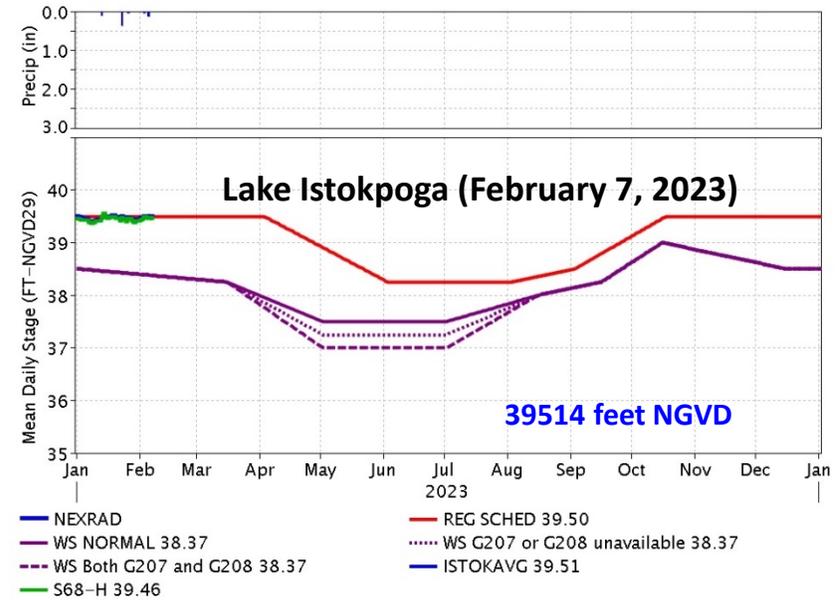
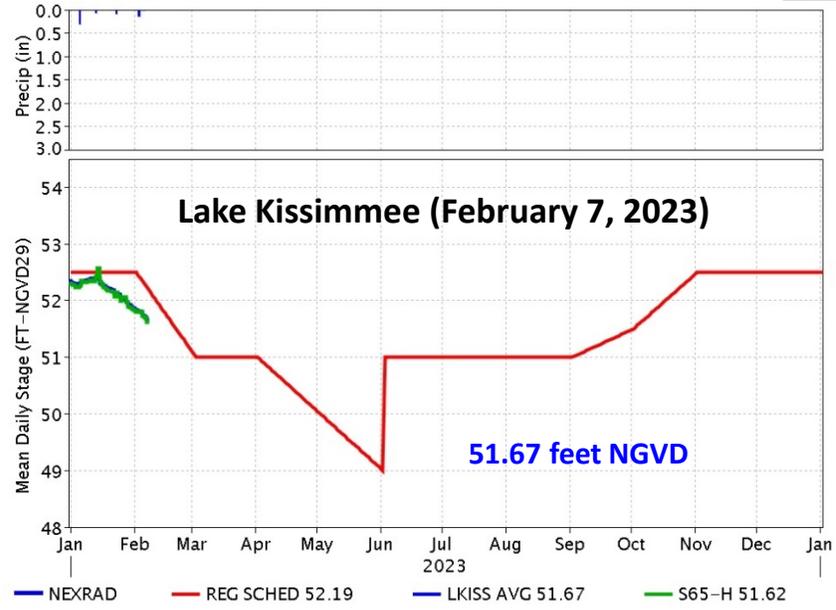
Rainfall, Percent of Normal, and Departures



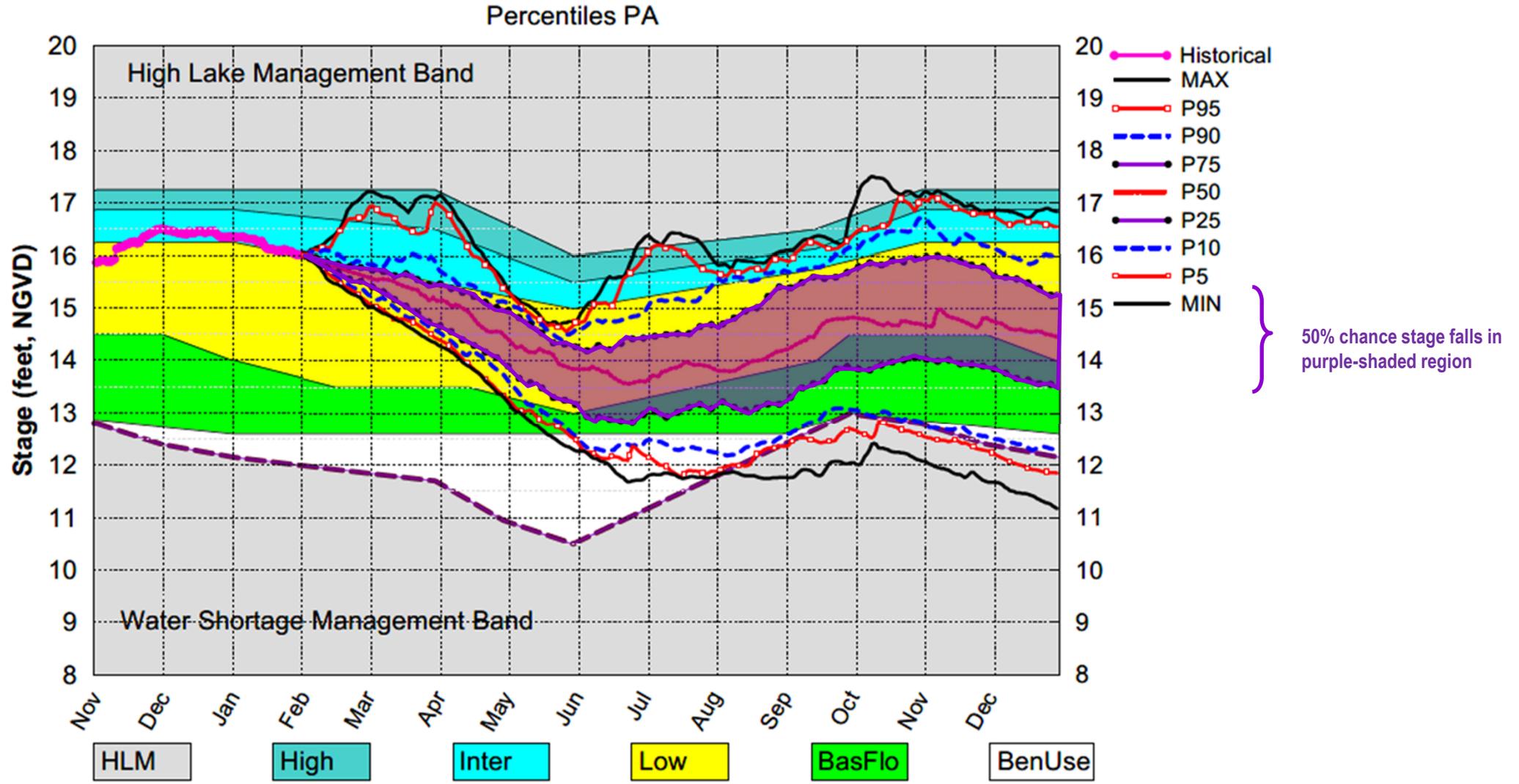
2022-2023 Dynamic Dry Season (9/29/22 to 2/7/23)

Rainfall, Percent of Normal, and Departures





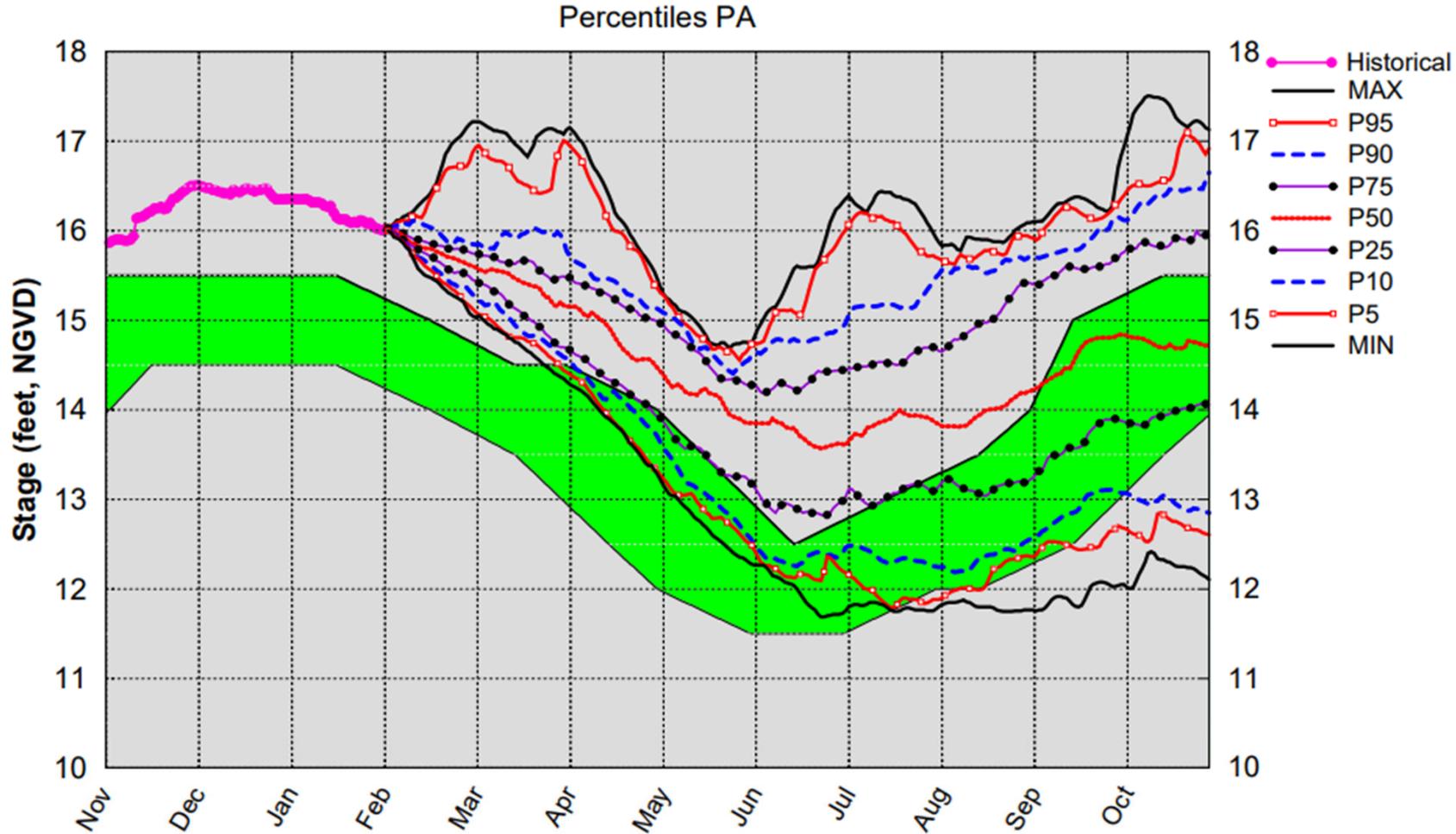
Lake Okeechobee SFWMM February 2023 Position Analysis



(See assumptions on the Position Analysis Results website)

Tue Feb 7 22:05:29 2023

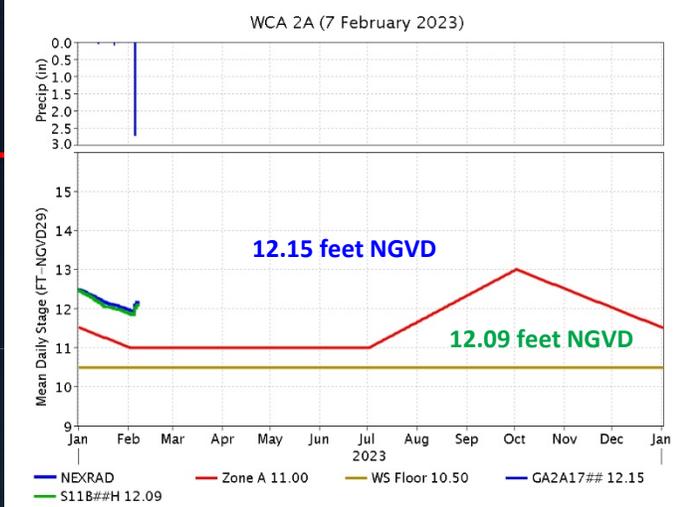
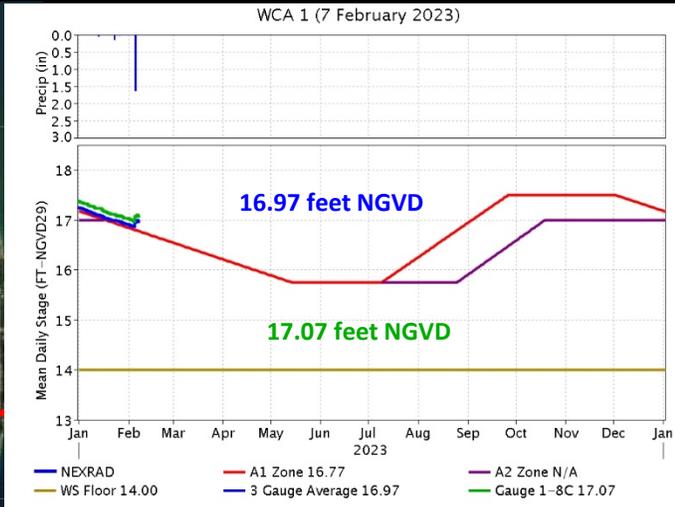
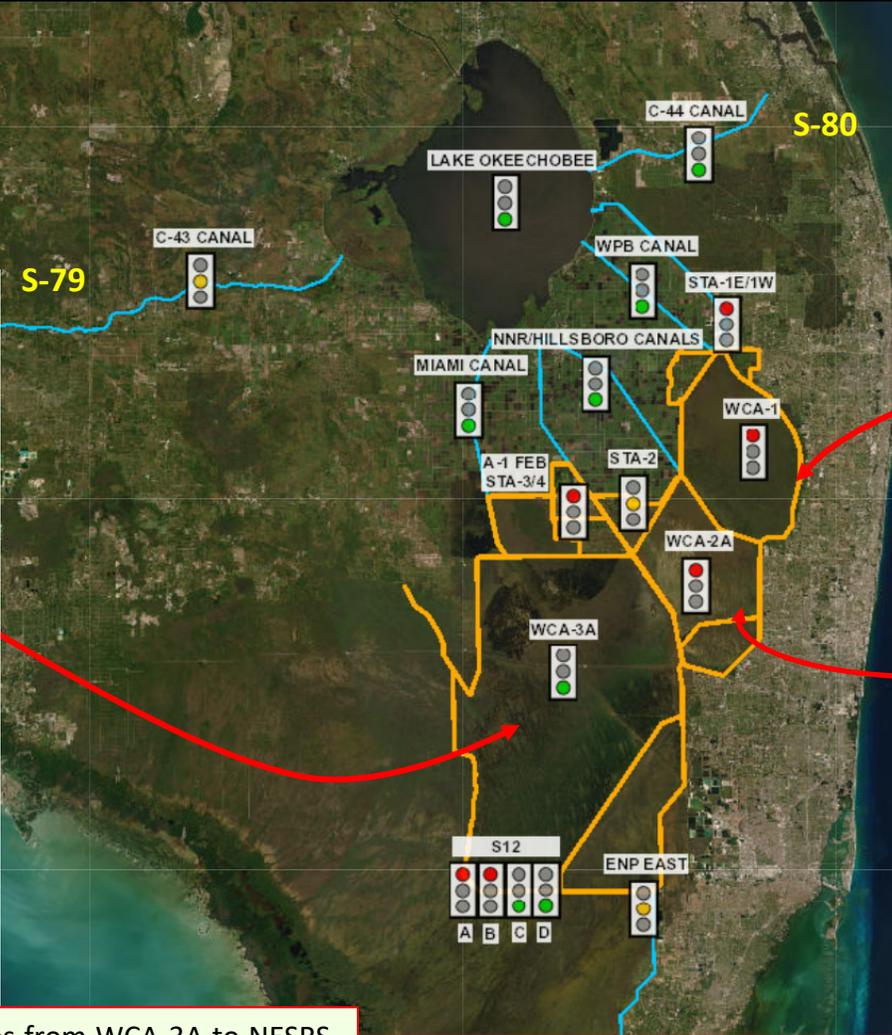
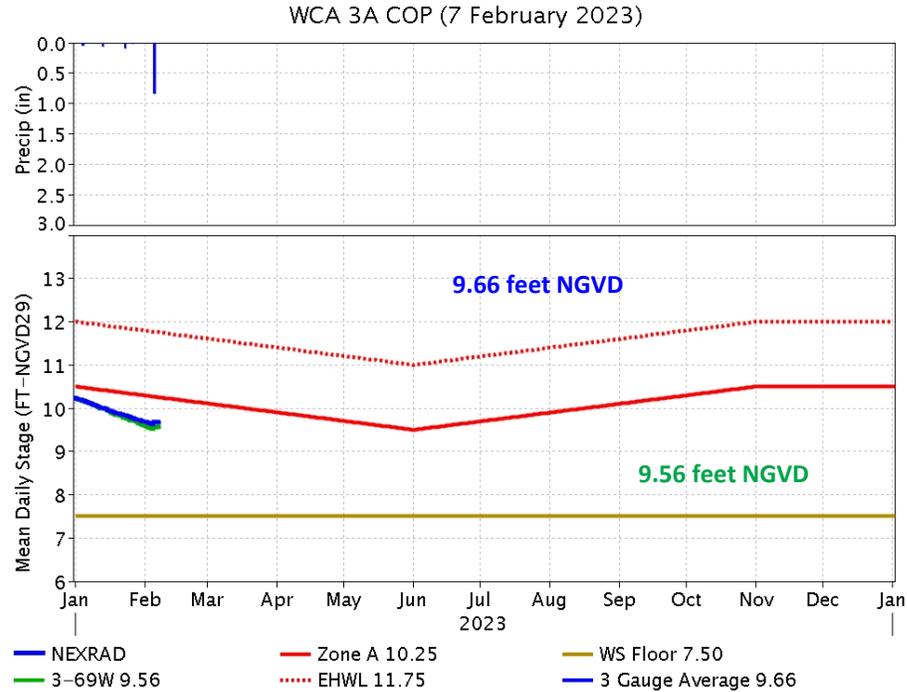
Lake Okeechobee SFWMM February 2023 Position Analysis



(See assumptions on the Position Analysis Results website)

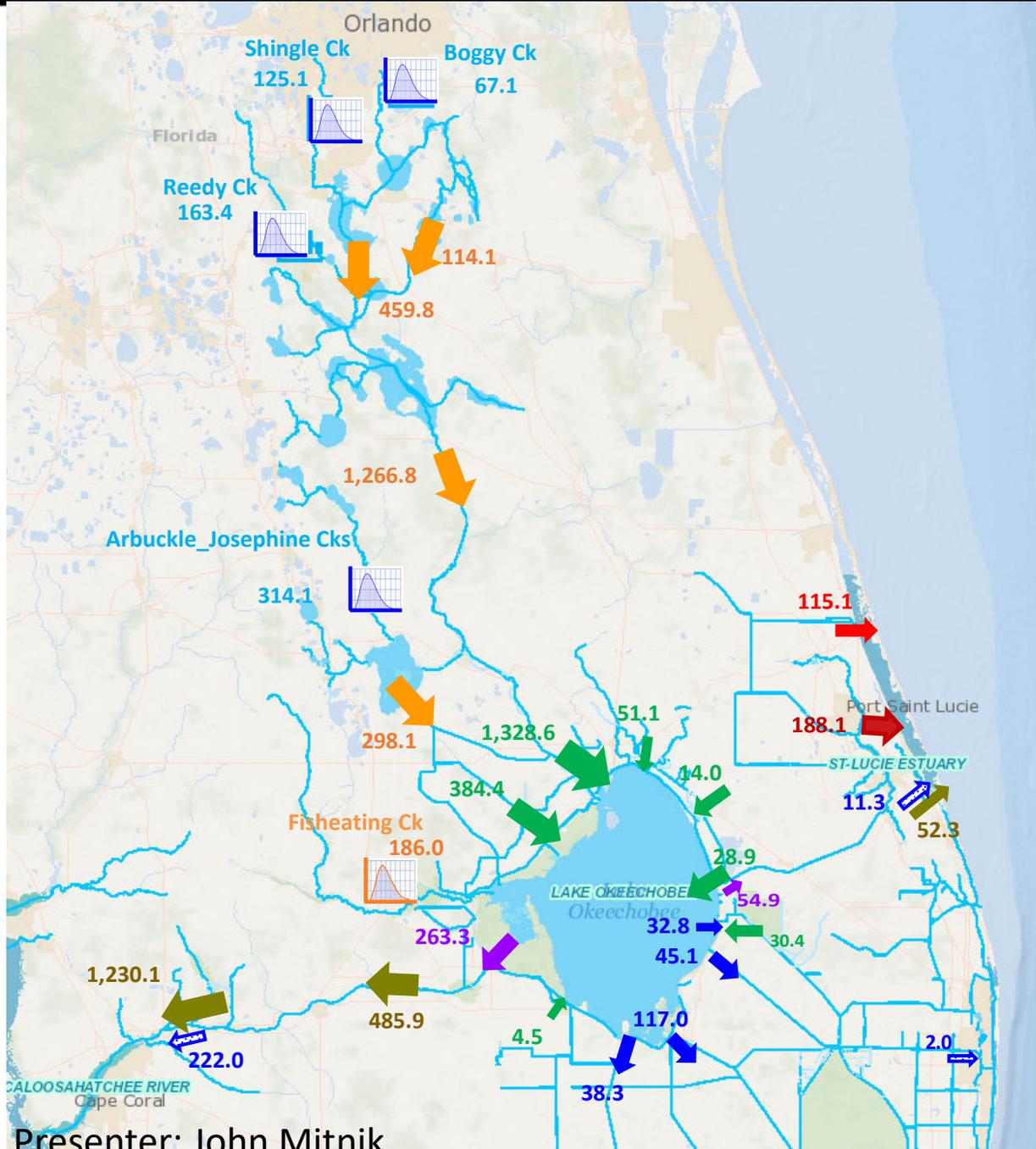
Wed Feb 8 14:47:54 2023

Lake Okeechobee stage is in the Intermediate Sub-band of the LORS-2008 Regulation schedule. LORS release guidance suggests maximum practicable releases to the WCAs conditional on stages, and S-77 up to 4,000 cfs and S-80 up to 1,800 cfs.



For this week, the Tamiami Trail Flow Formula calls for 1,164 cfs releases from WCA-3A to NESRS. Current L-29 stage constraint is at 8.3 feet NGVD. South Dade Conveyance System is stable. S-356 is pumping to maintain canal stages in the L-31N within 5.5-5.8 ft NGVD. S-332BN, S-332C and S-332D are pumping as needed and so are S-200 and S-199. S-18C is closed and S-197 is closed. S-331 was syphoning but now is pumping due to the weekend rainfall in South Miami-Dade. LPG-2 stage at 8.5 SMA went above ground during the weekend but has already receded. S-357 pumping to maintain stages 5.0 to 5.5 ft NGVD in the C-357 canal.

WCA-1 stage is above schedule in Zone A1; WCA-2A stage is above regulation schedule; WCA-3A stage is below regulation schedule in Zone B. S-10C is open ~290 cfs. S-11s are closed. S-12A, S-12 B and S-12C are closed. S-144, S-145 and S-146 were open for about 30 days starting Dec. 20, 2022. S-12D is open passing ~ 490 cfs. S-333 and S-333N ~ 700 cfs. S-343 A and B are closed, and so is S-344. Moving water from WCA-2A to WCA-3A via S-7 spillway (north) and then S-150 south. Water Supply to Broward County through S-38 was ~ 170 cfs (now closed).

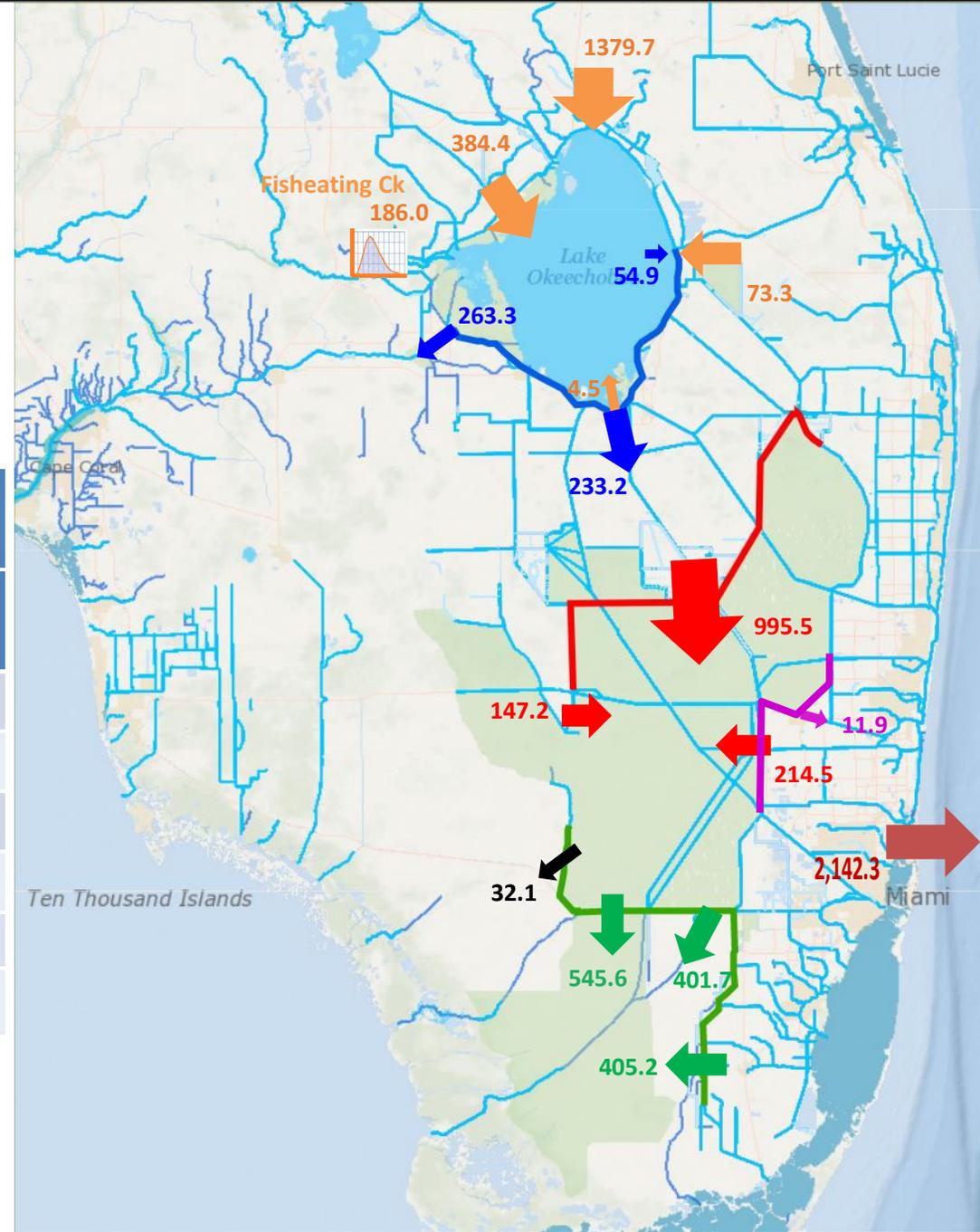


SFWMD – Selected Release Volumes for the Period May 1, 2022 to February 7, 2023
(volumes in 1,000 acre-feet)

Symbol	Description	Volume (1,000 acre- feet)	
		WYR to Date	Last Month
	Upper Kissimmee to Lower Kissimmee	1,266.8	87.9
	Inflows to Lake Okeechobee (including Fisheating Creek)	2,027.8	98.2
	Lake Releases and Basin Runoff	1,282.4	132.5
	Lake Releases East and West	318.2	101.3
	Lake Flood Control to Estuaries	233.3	91.3
	Total Lake Releases South	233.2	71.9
	Releases to Indian River Lagoon	115.1	0.6
	Upper East Coast discharges to St. Lucie Estuary	188.1	1.3
	Uncontrolled flows - Creeks (does not include Fisheating Creek)	669.6	25.6

1,000 acre-feet = 325.9 Million Gallons

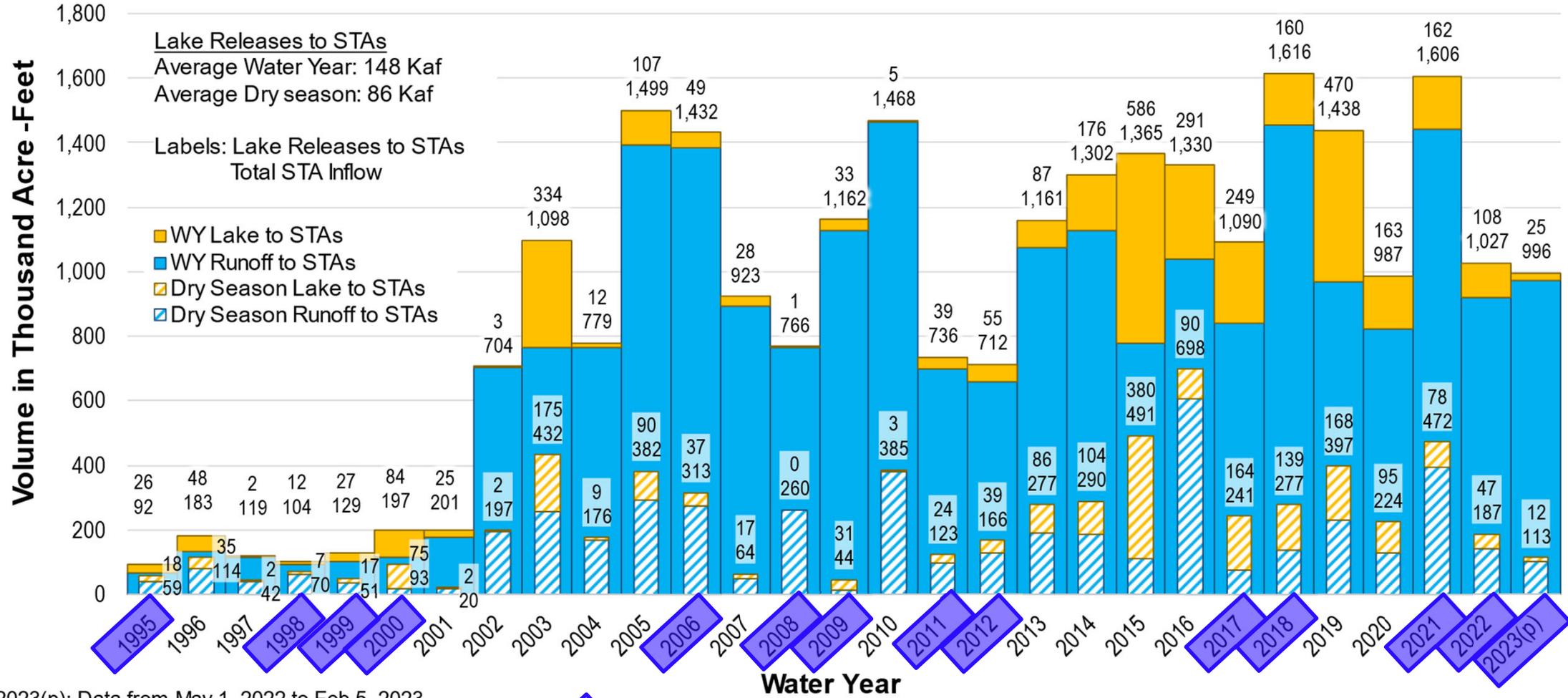
**SFWMD –Volumes Flowing
Down the System for the
Period May 1, 2022 to February 7, 2023**
(volumes in 1,000 acre-feet)



Symbol	Description	Volume (1,000 acre- feet)	
		WYR 2022	Last Month
	Lake Okeechobee Inflows	2027.8	98.2
	Lake Okeechobee Outflows	551.4	173.2
	WCAs Inflows	1357.2	21.3
	ENP / Detention Cell Inflows	1352.5	116.3
	WCAs to East	11.9	8.5
	Flows to Intracoastal	2142.3	86.0

1,000 acre-feet = 325.9 Million Gallons

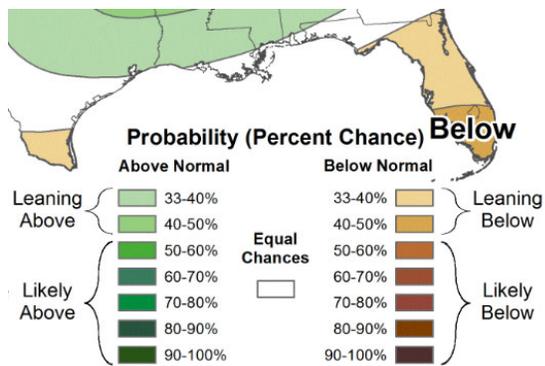
Total STA Inflow and Lake Releases to STAs



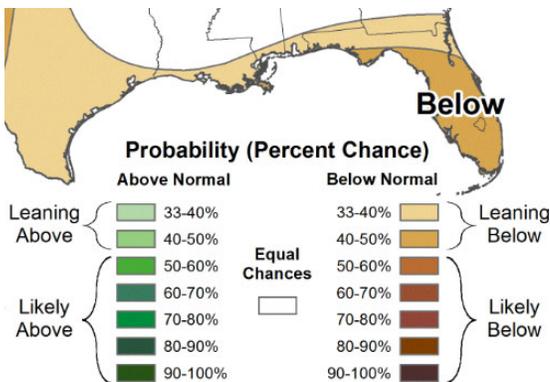
2023(p): Data from May 1, 2022 to Feb 5, 2023.

La Niña Water Years

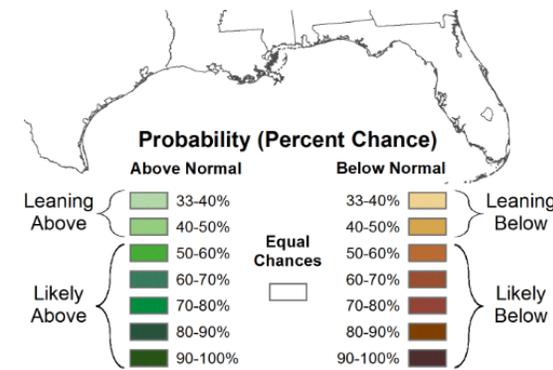
CPC Precipitation Outlook for South Florida



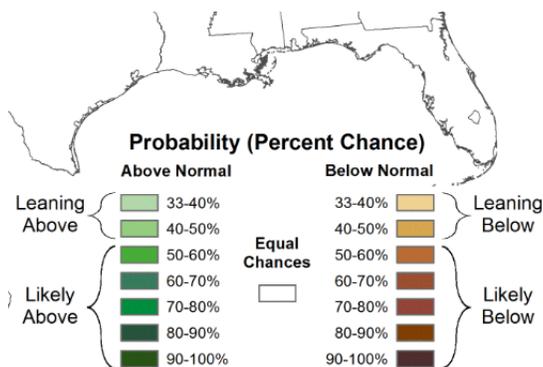
Feb 2023



Feb 2023 – Apr 2023



Mar 2023 – May 2023



Jun 2023 – Aug 2023

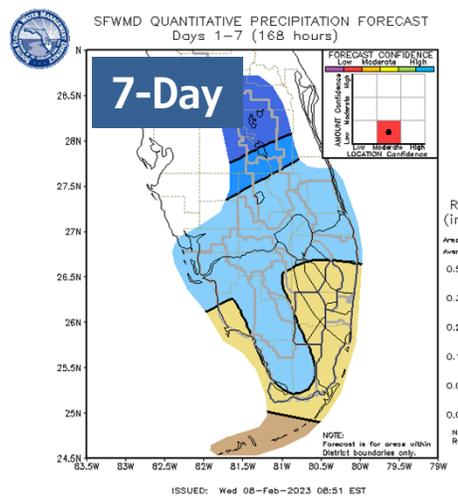
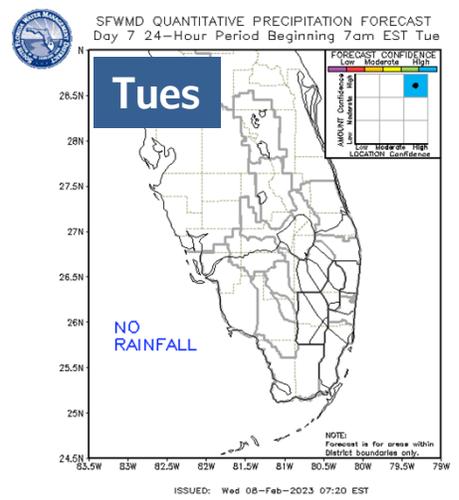
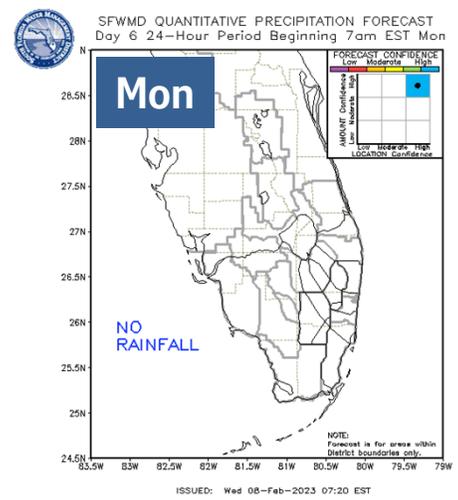
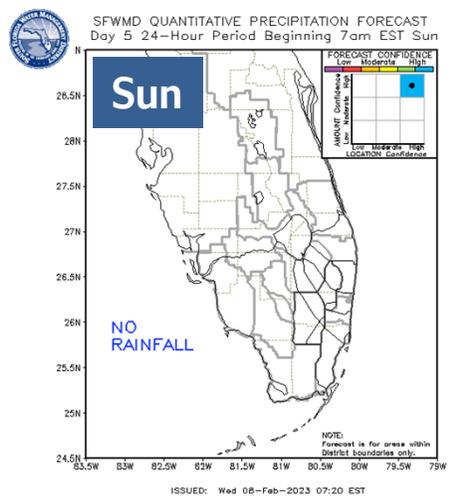
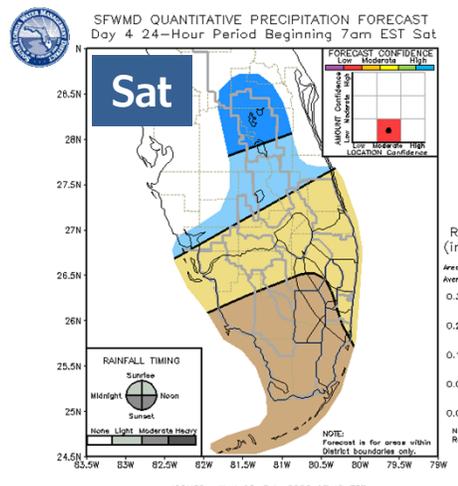
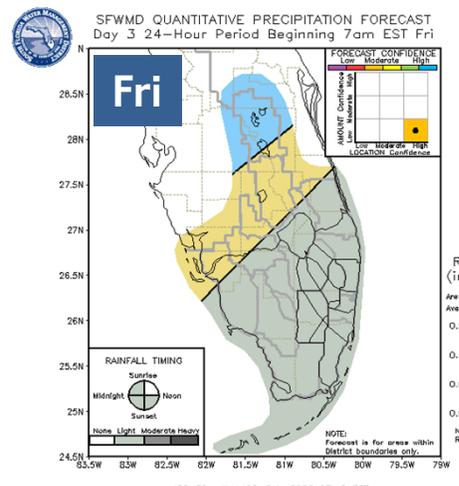
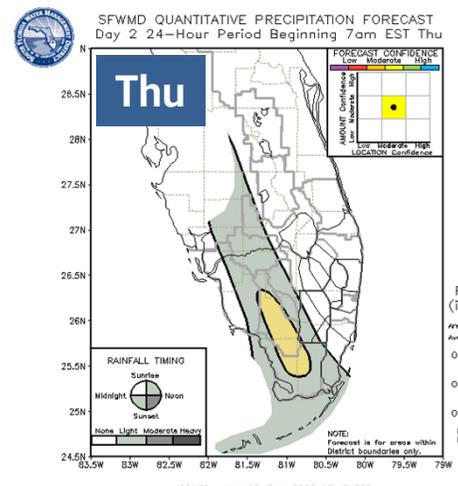
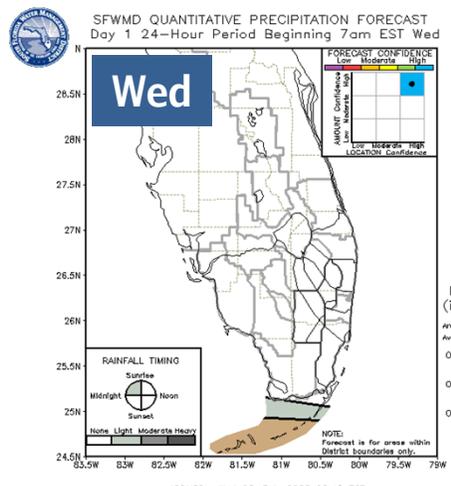
- The most recent CPC precipitation outlook for South Florida for February 2023 indicates increased chances of below normal rainfall for Lake Okeechobee and south, and slightly increased chances of below normal rainfall for the remainder of the areas north.
- The 3-month window of Feb – Apr indicate increased chances of below normal rainfall.
- All the 3-month windows from Mar– May well into the transition to the 2024 Dry Season show equal chances of below, normal and above normal rainfall.

Updated January 31, 2022

<https://www.cpc.ncep.noaa.gov/products/predictions/30day/>



Short-, Medium-, & Extended-Range Outlooks



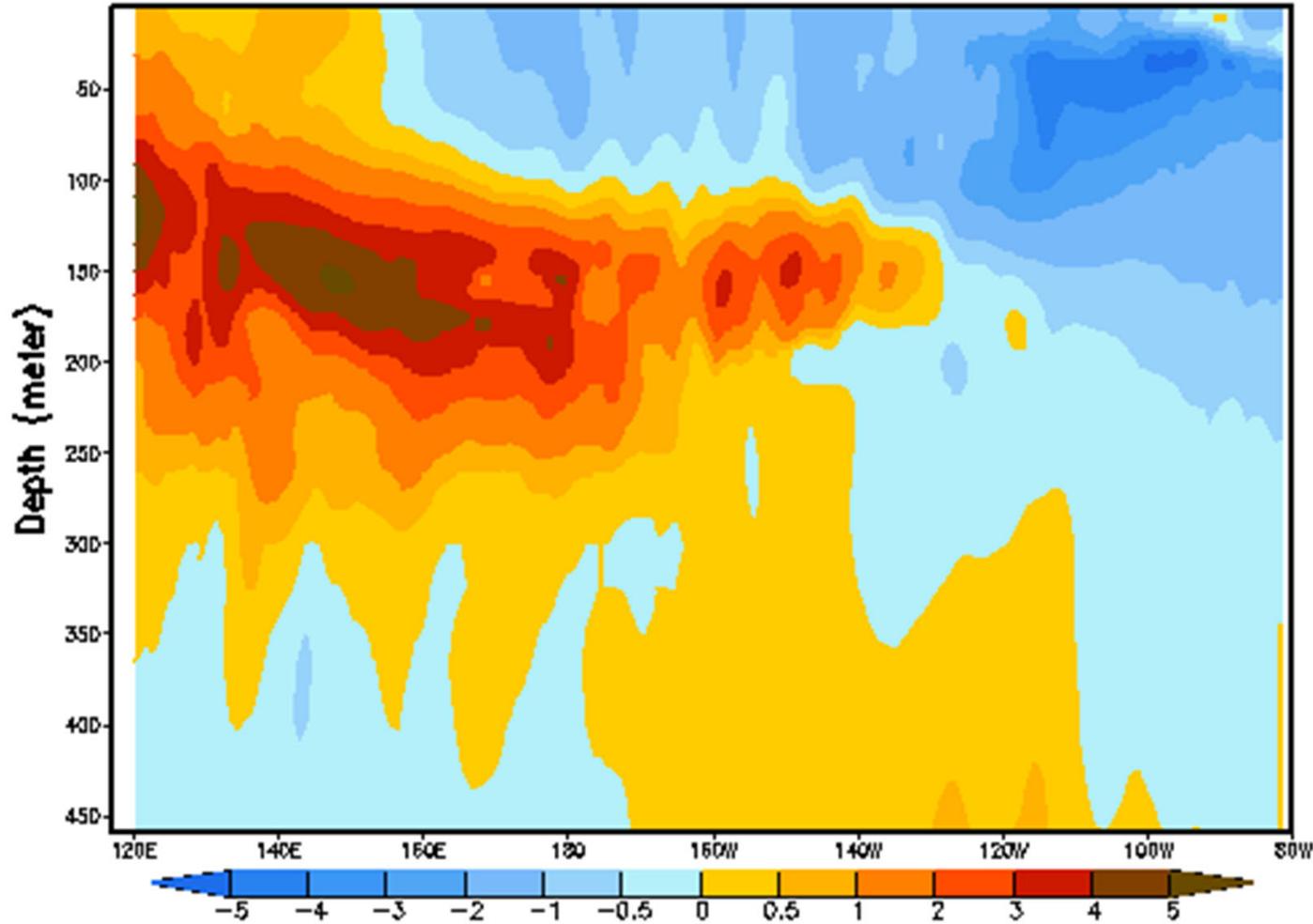
Weekly Summary of Total SFWMD rainfall

Week 1 (Historical Avg: 0.49"): Much below or below normal
 Week 2 (Historical Avg: 0.49"): Below to near normal

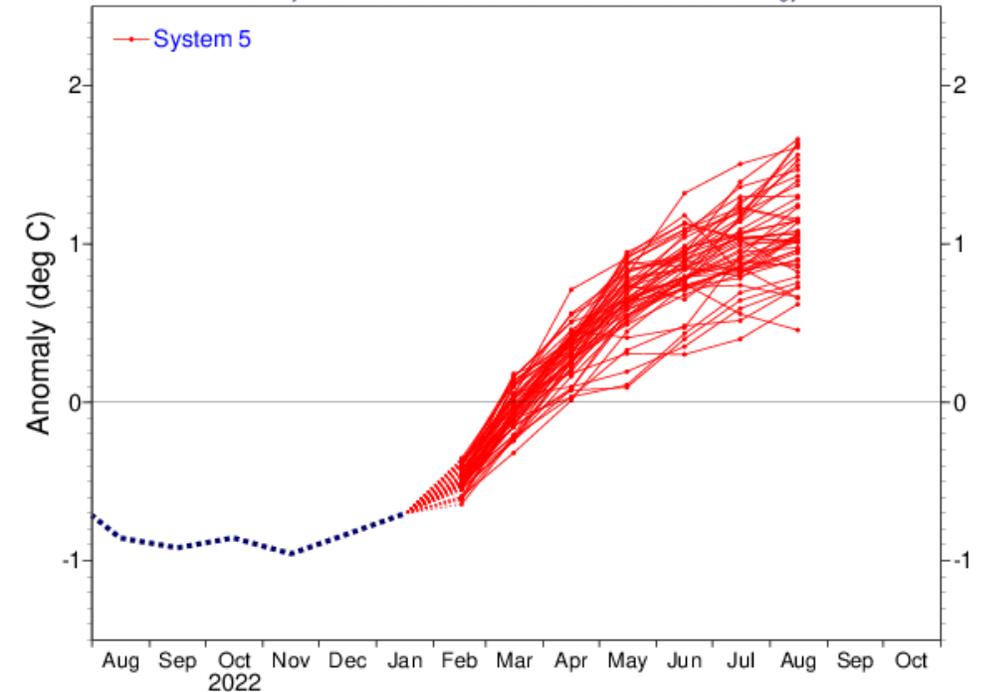
ENSO

(El Niño – Southern Oscillation)

Equatorial Temperature Anomaly (°C)
Pentad centered on 04 DEC 2022

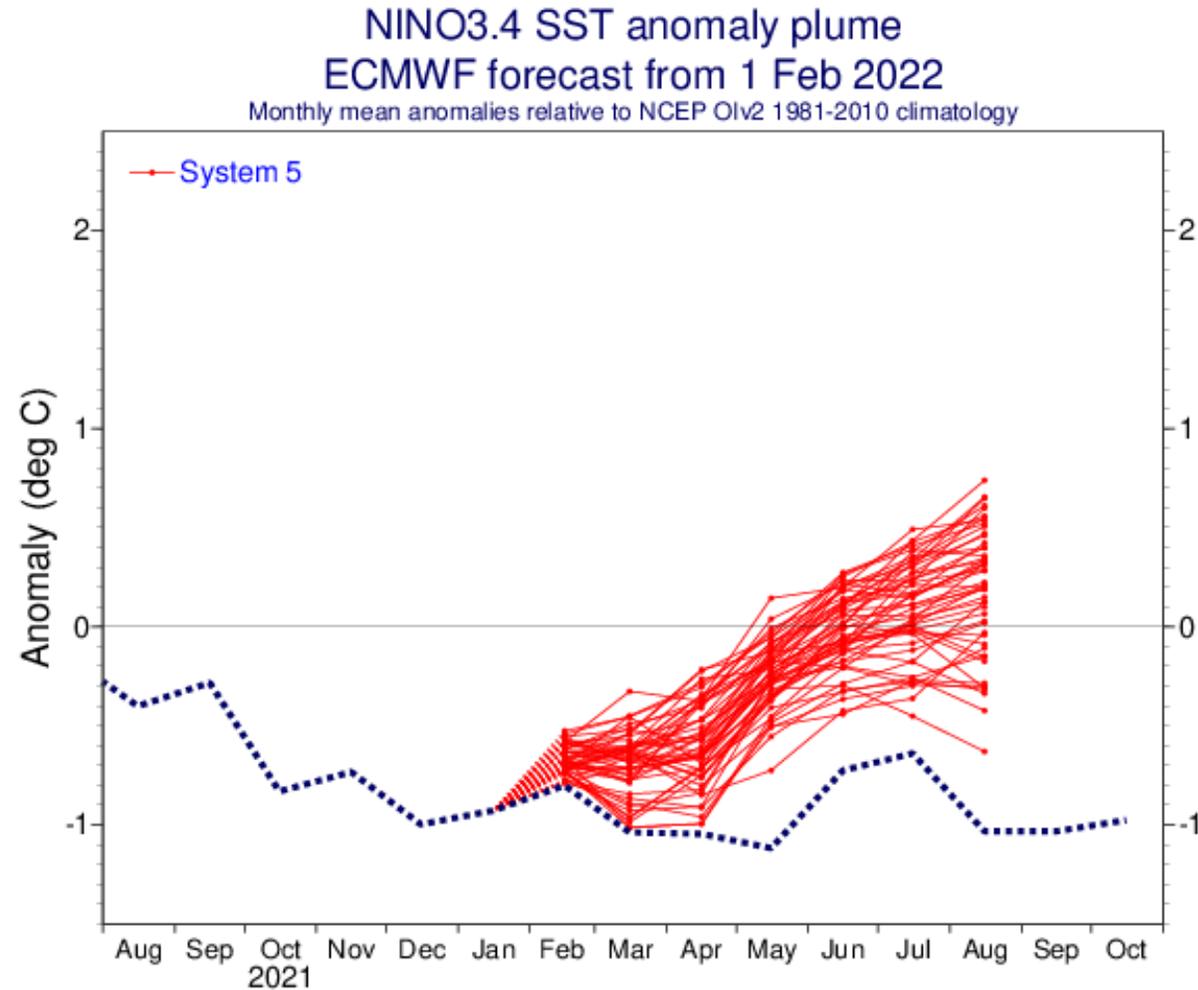


NINO3.4 SST anomaly plume
ECMWF forecast from 1 Feb 2023
Monthly mean anomalies relative to ERA5 1981-2010 climatology



ECMWF

Spring Predictability Barrier



Ecological Conditions Update

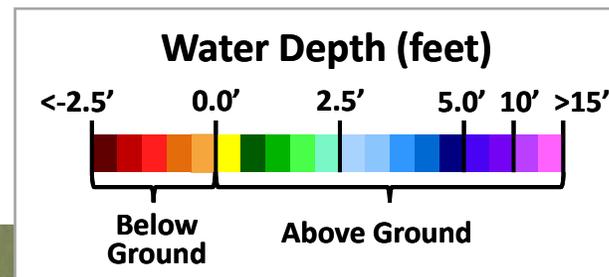
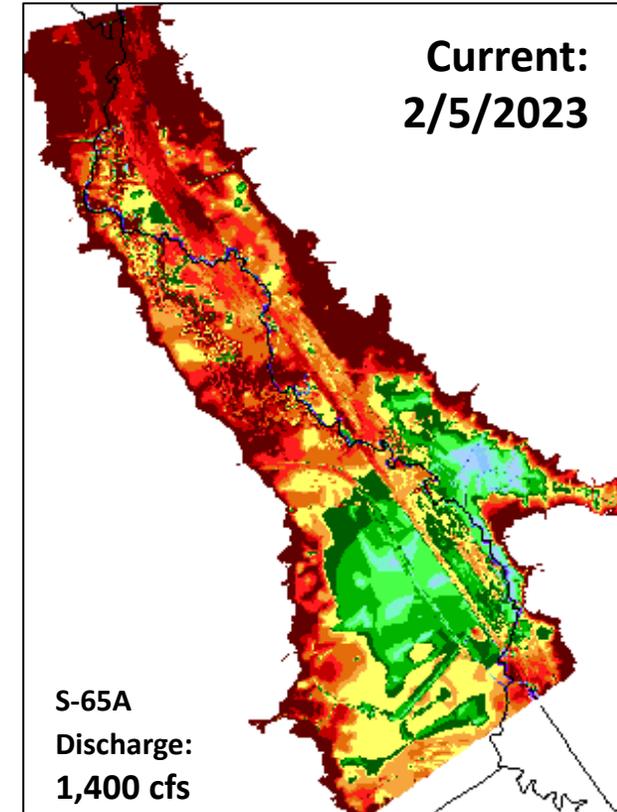
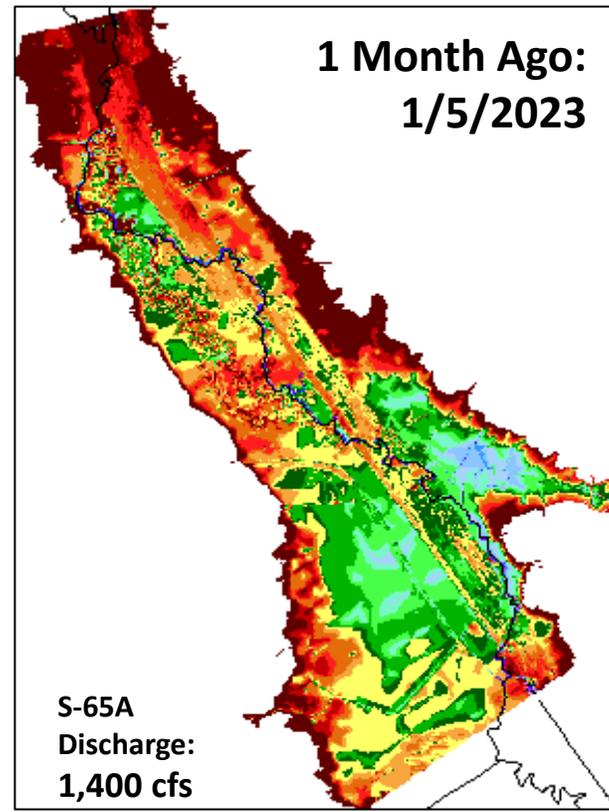
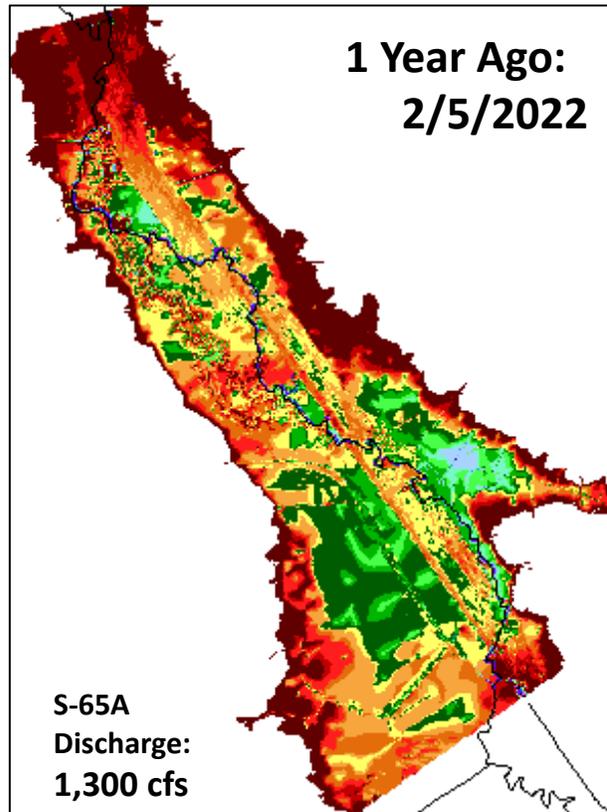


Lawrence Glenn
Division Director
Water Resources

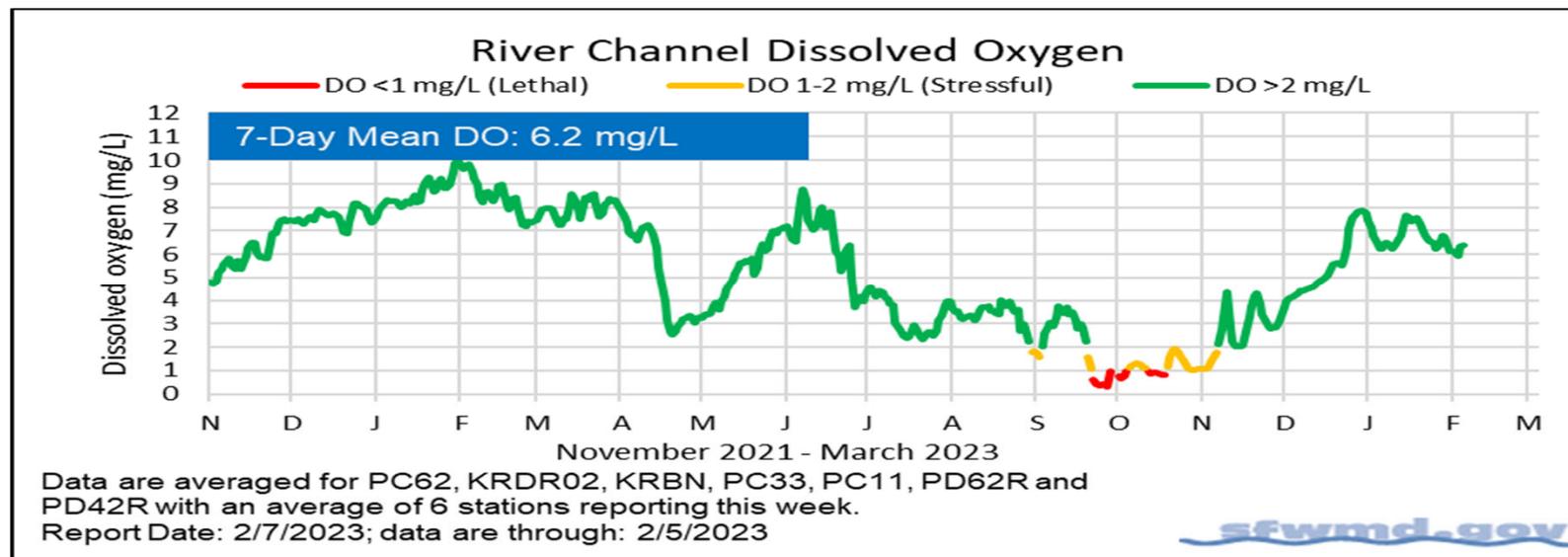
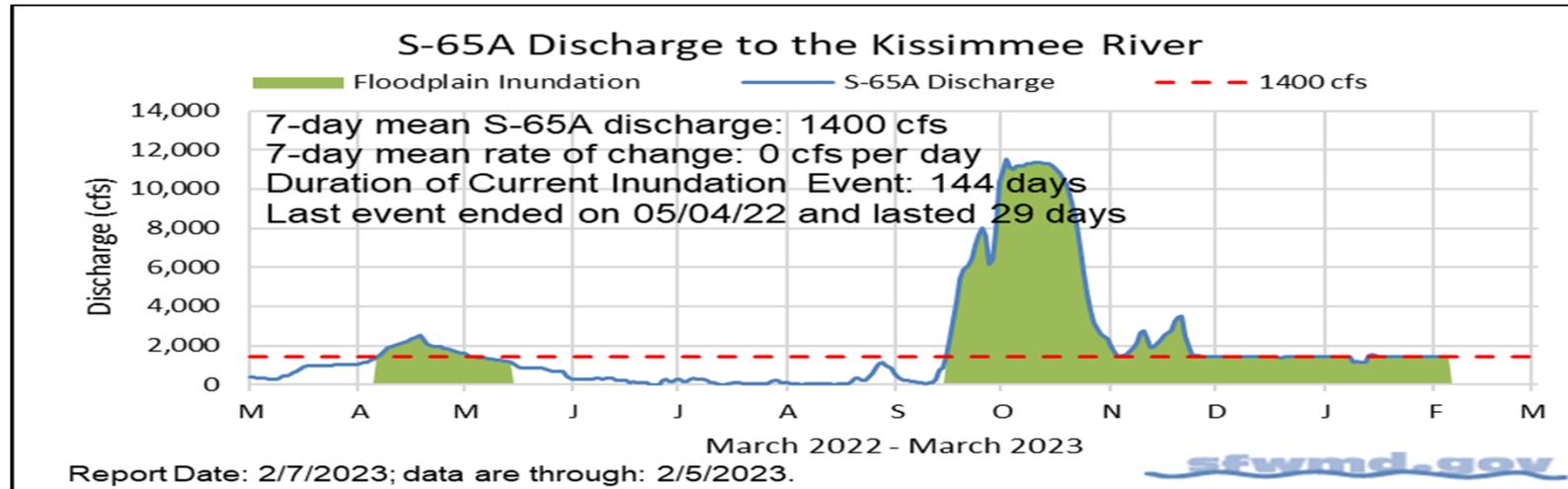
Governing Board Meeting
February 9, 2022

*St. Lucie Estuary
Photograph courtesy of SFWMD Staff*

Kissimmee River (Phase I) Floodplain Water Depth Maps

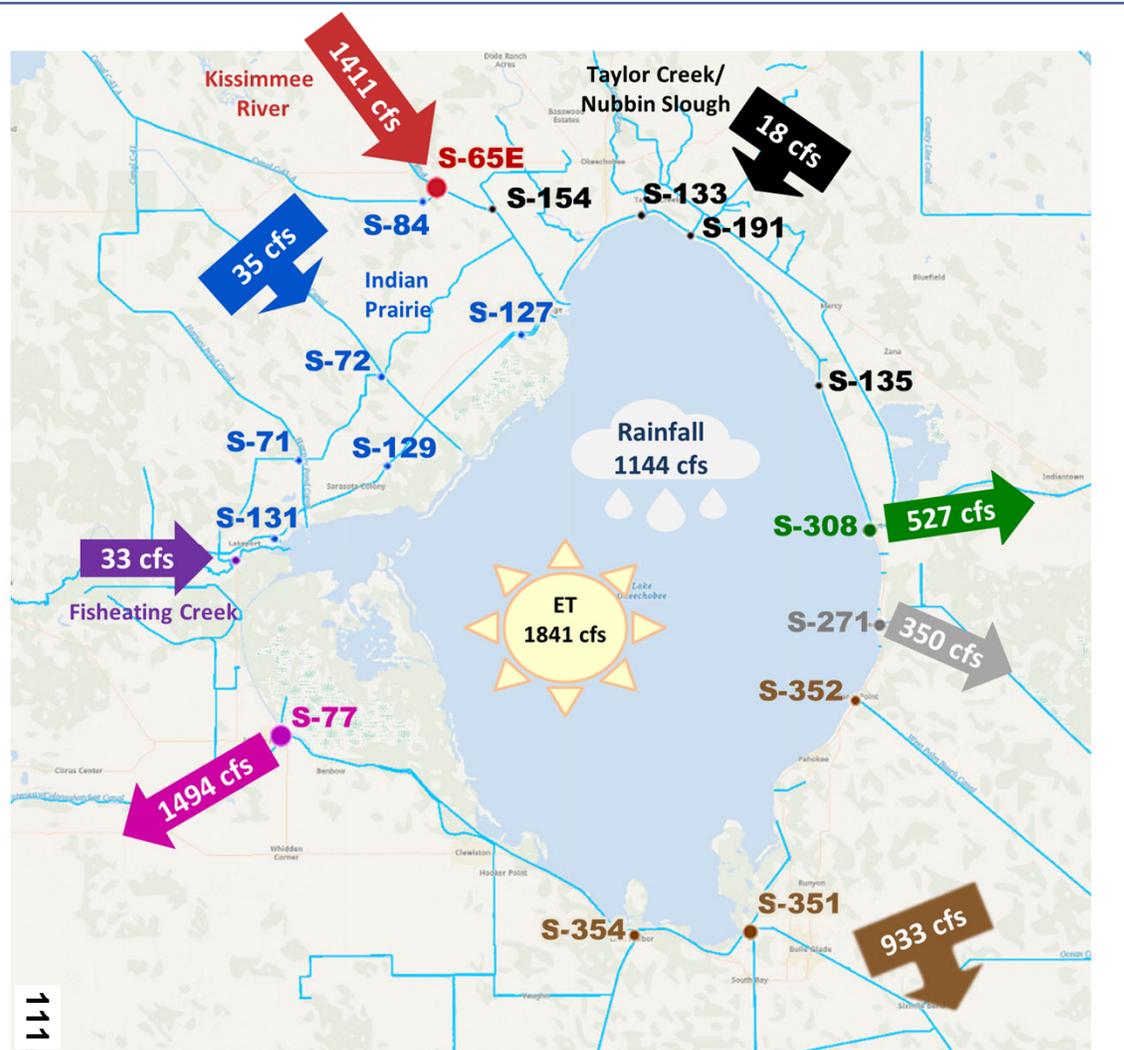


Kissimmee River Discharge and Dissolved Oxygen

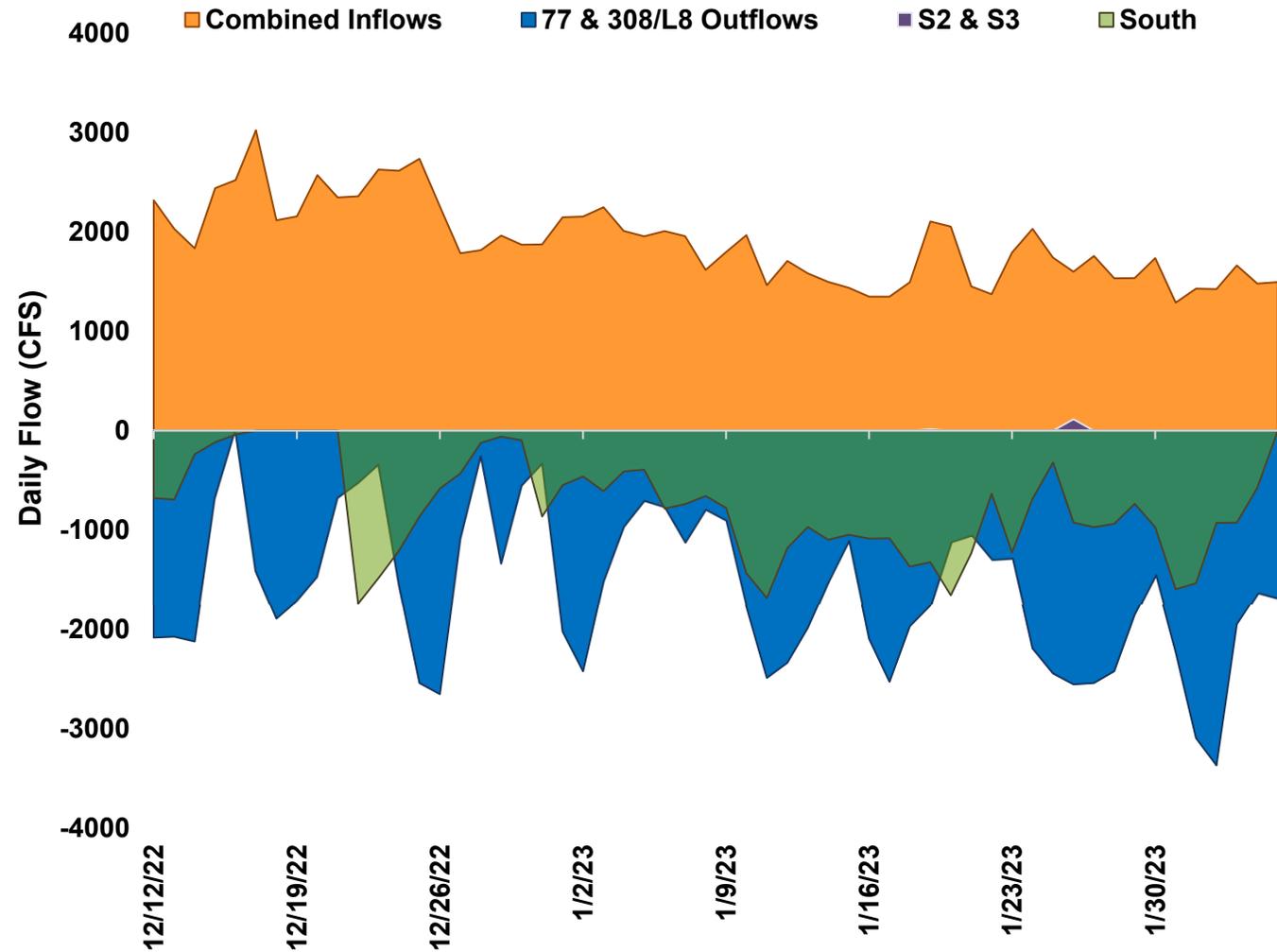


Lake Okeechobee Hydrology (*Provisional Data)

Jan 30 – Feb 05, 2023 Inflows and Outflows

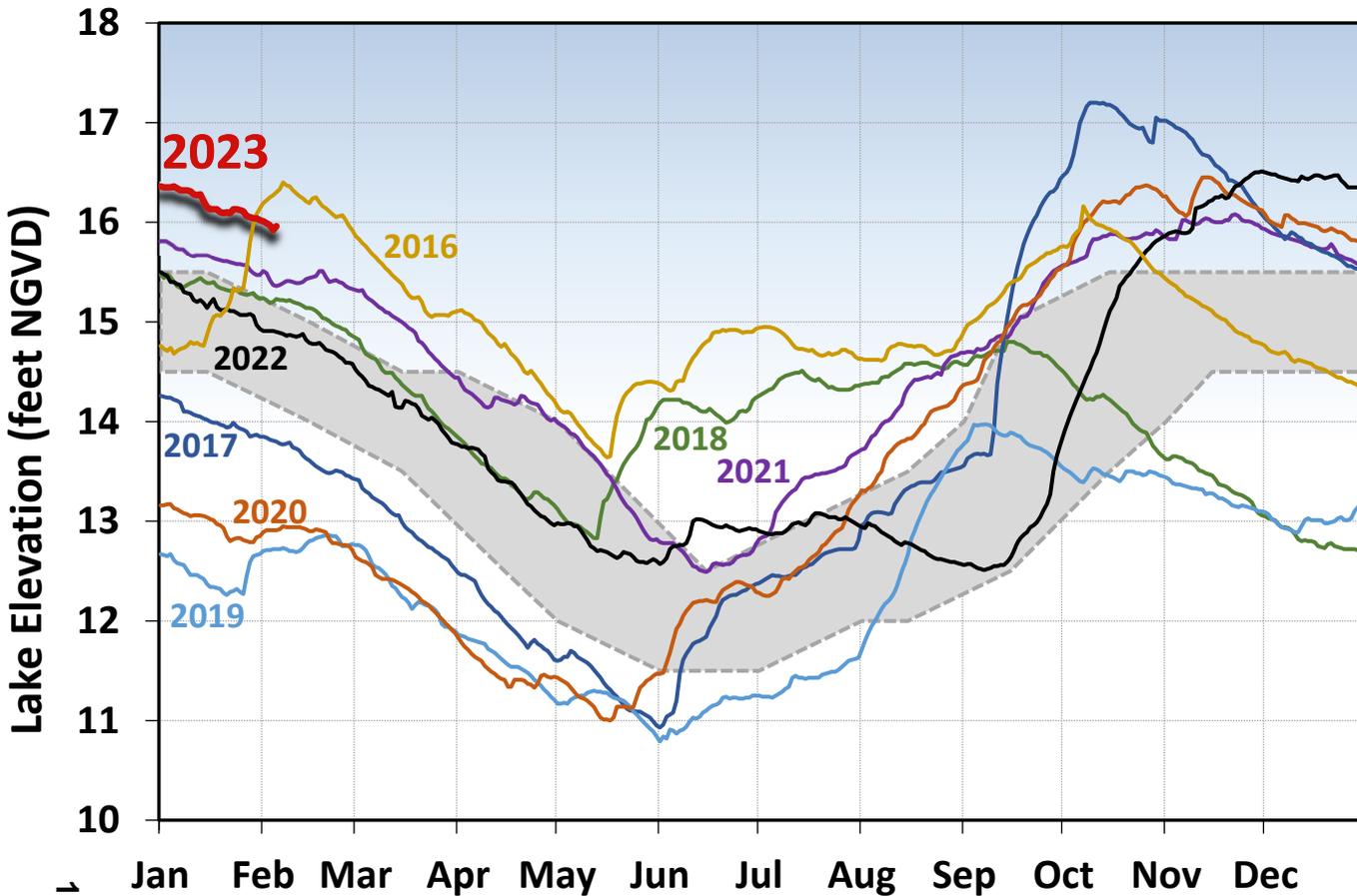


Prior 8 Weeks Inflows and Outflows

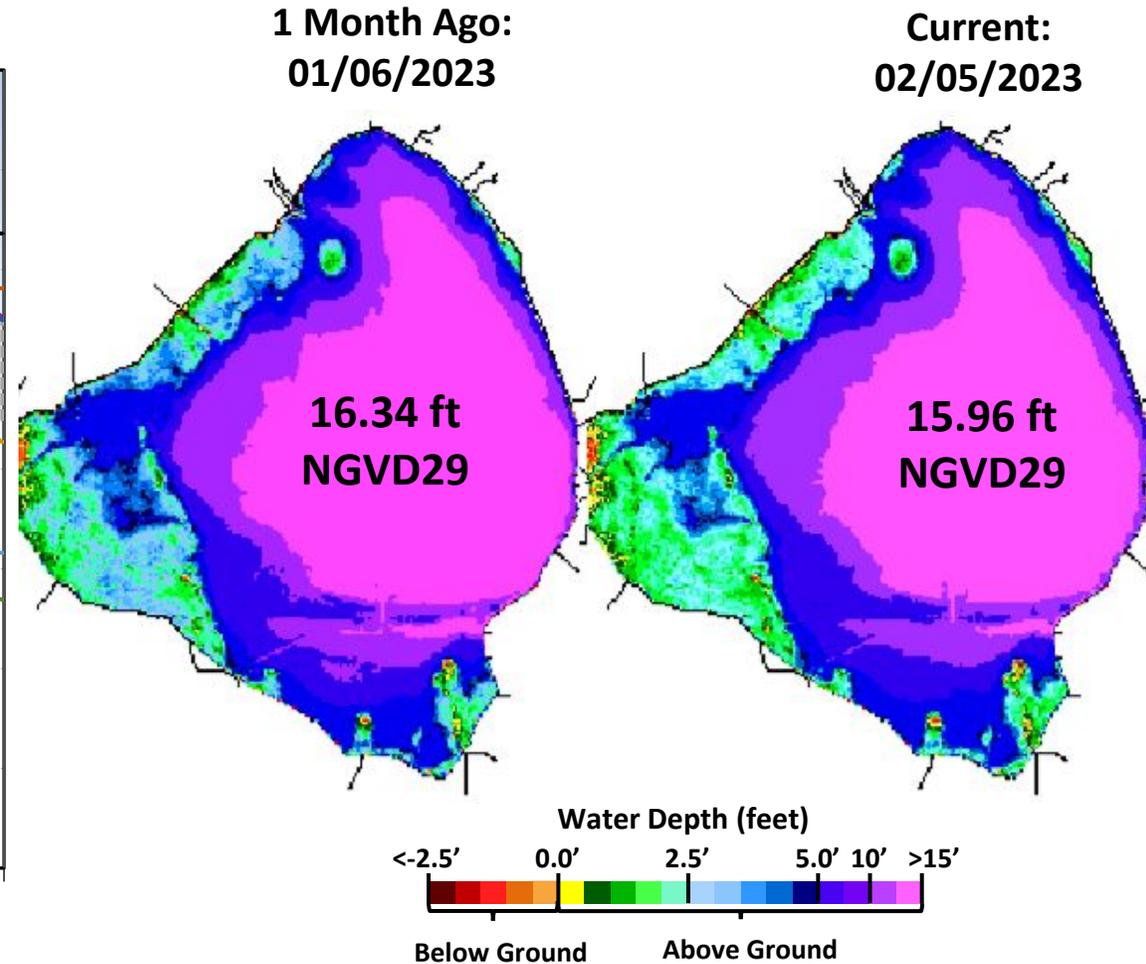


Ecological Envelope and Water Depths

Lake Okeechobee Stage vs Ecological Envelope



Changes in Water Depth

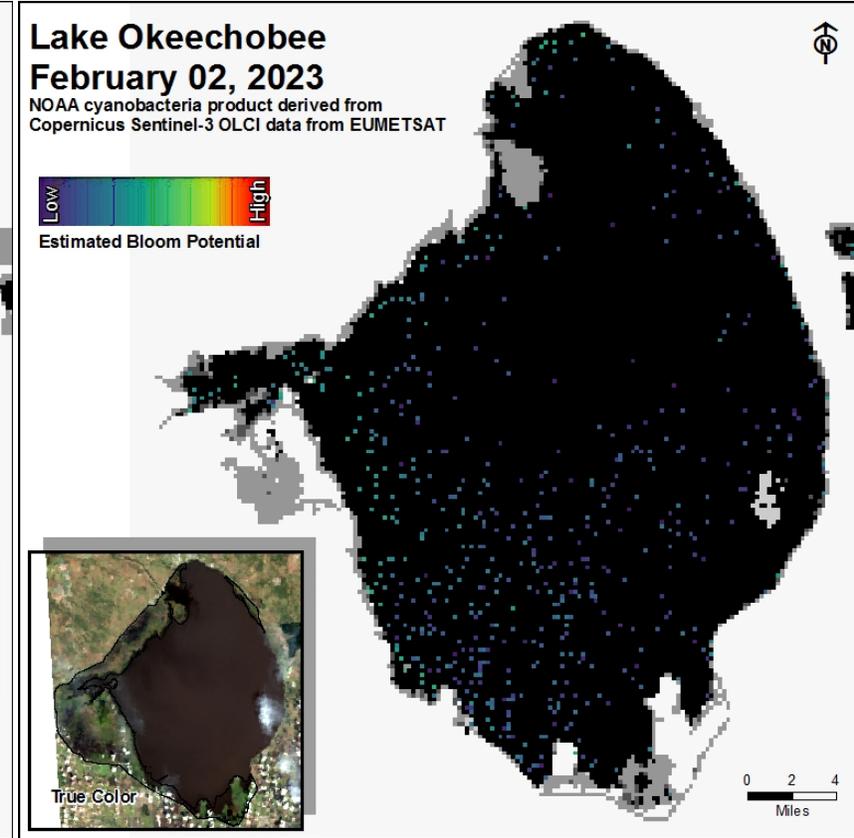
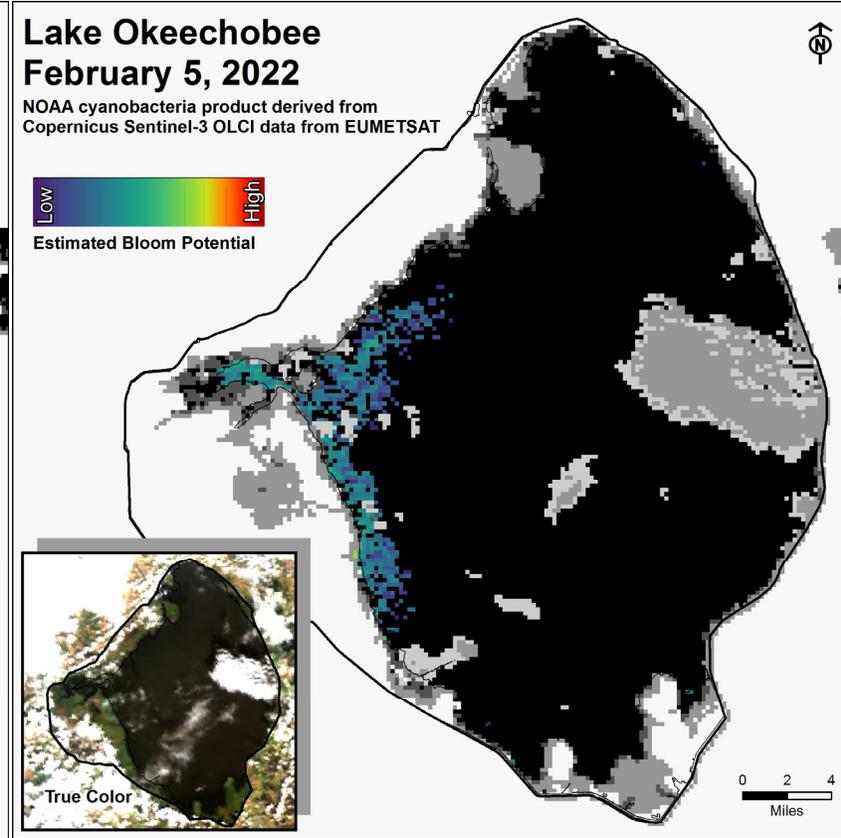
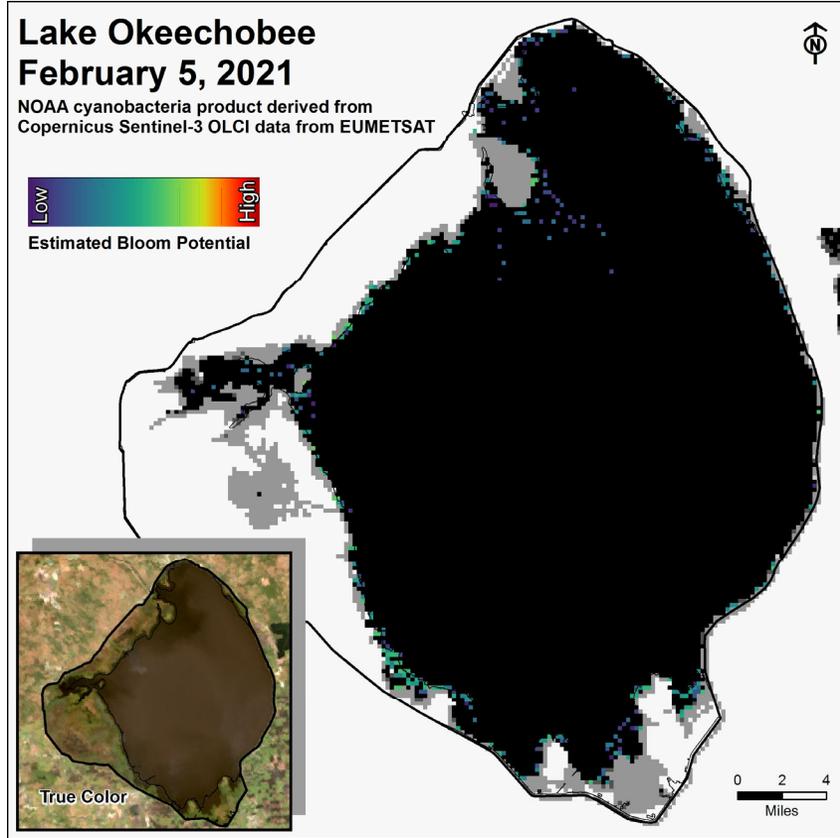


Lake Okeechobee Cyanobacteria Bloom Potential

5354

5355

5356



QRDD# | dcredfwub# surgxfw# ghulyhg# urp # rshuq lfxv# Wnqwqho6 #R FOI#gdw#urp #IXP HWVDW

Lake Okeechobee Recent Water Quality

*** Provisional Data ***

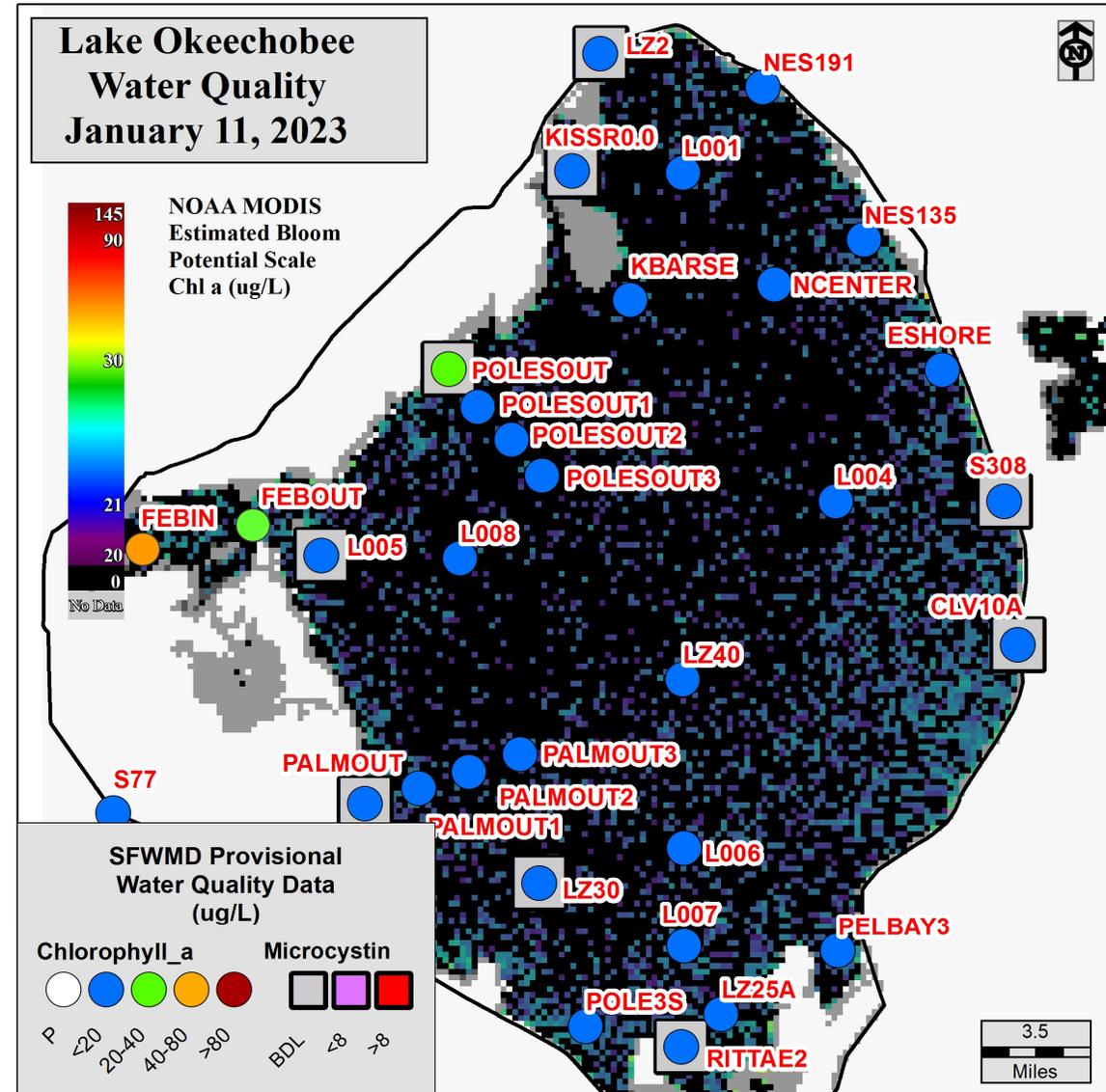
Collection Date: January 09-11, 2023

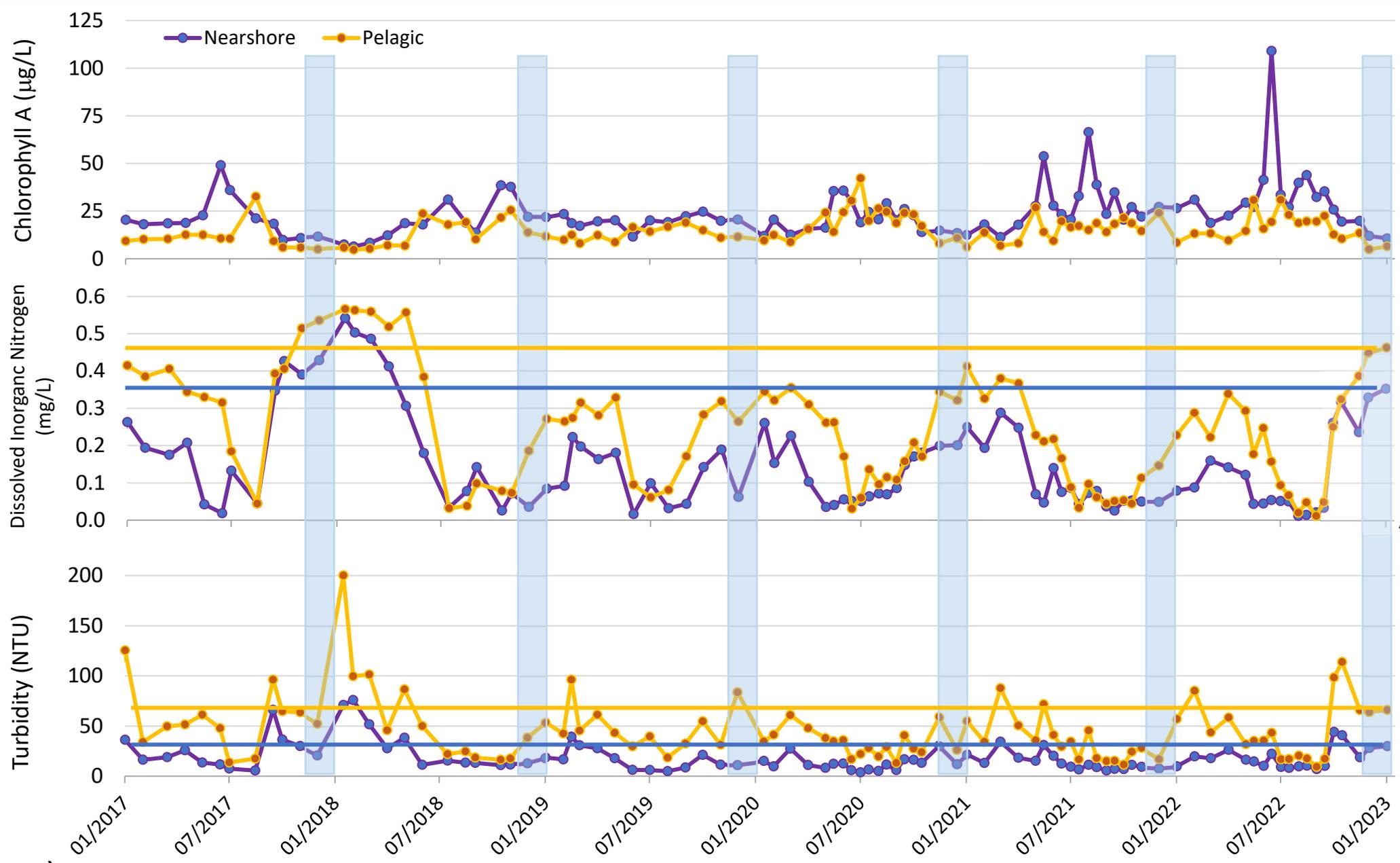
Station	CHLa (ug/L)	TOXIN (ug/L)	TAXA
FEBIN	42.2		
FEBOUT	21.1		
KISSR0.0	6.7	BDL	<i>mixed</i>
L005	9.0	BDL	<i>mixed</i>
LZ2	5.1	BDL	<i>mixed</i>
KBARSE	6.9		
RITTAE2	8.2	BDL	<i>mixed</i>
PELBAY3	8.9		
POLE3S	8.7		
LZ25A	8.0		
PALMOUT	8.7	BDL	<i>mixed</i>
PALMOUT1	10.5		
PALMOUT2	6.7		
PALMOUT3	4.0		
POLESOUT	31.6	BDL	<i>mixed</i>
POLESOUT1	12.3		
POLESOUT2	7.5		
POLESOUT3	6.4		
EASTSHORE	6.9		
114 NES135	9.2		
NES191	4.4		

Station	CHLa (ug/L)	TOXIN (ug/L)	TAXA
L001	6.8		
L004	5.0		
L006	6.6		
L007	6.8		
L008	6.9		
LZ30	4.4	BDL	<i>mixed</i>
LZ40	5.6		
CLV10A	6.5	BDL	<i>mixed</i>
NCENTER	6.6		
S308C	4.7	BDL	<i>mixed</i>
S77	3.9		

- SFWMD considers >40 µg/L Chlorophyll a (Chla) an algal bloom
- BDL – Below Detectable Limit of 0.25 µg/L
- mixed – No Dominant taxa
- P – Pending
- NS – Not Sampled
- Station bold font – crew observed possible BGA
- Chlorophyll a analyzed by SFWMD
- Toxin and Taxa analyzed by FDEP:
Microcys = Microcystis; Cylindro = Cylindrospermopsis; Planktol = Planktolyngbya; Dolicho = Dolichospermum

Presenter: Lawrence Glenn

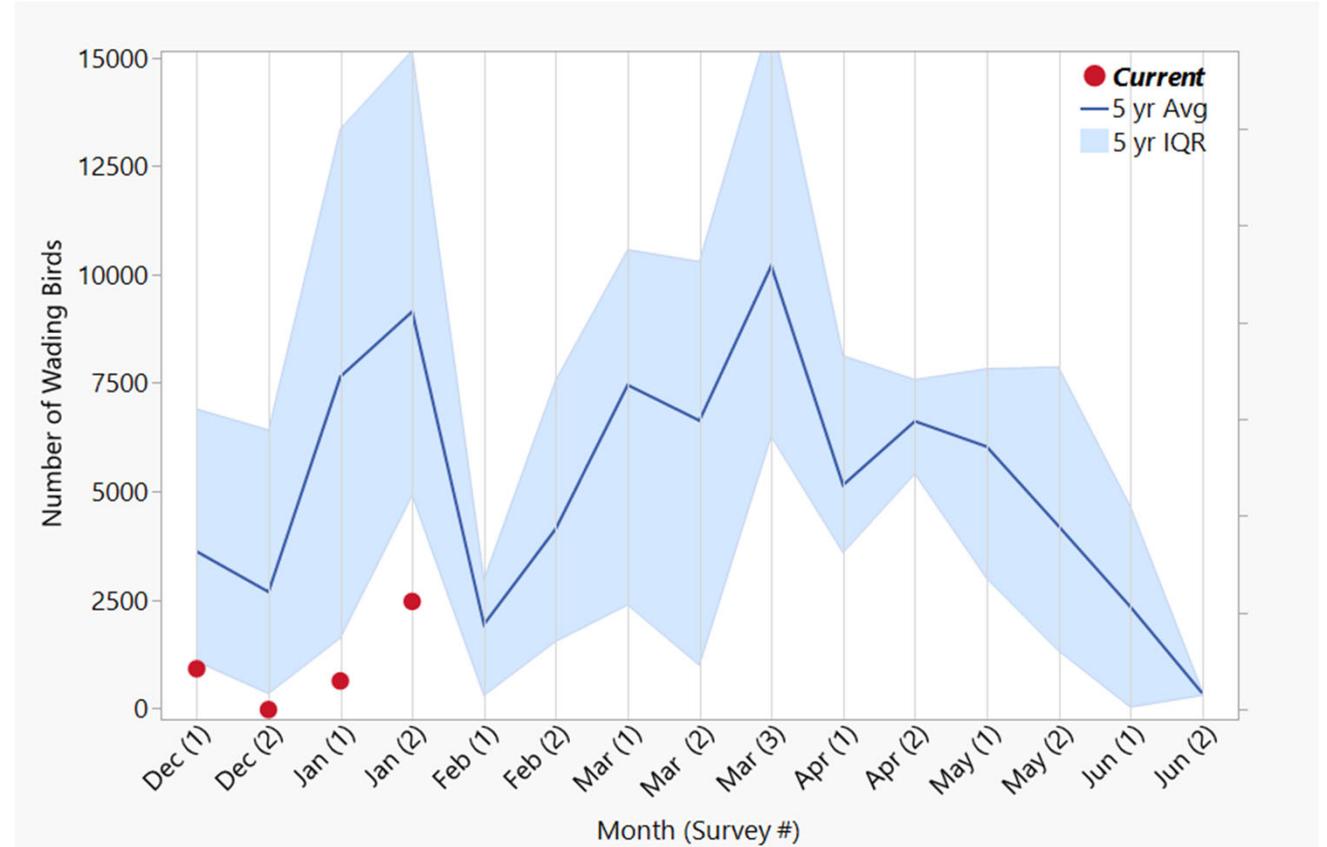
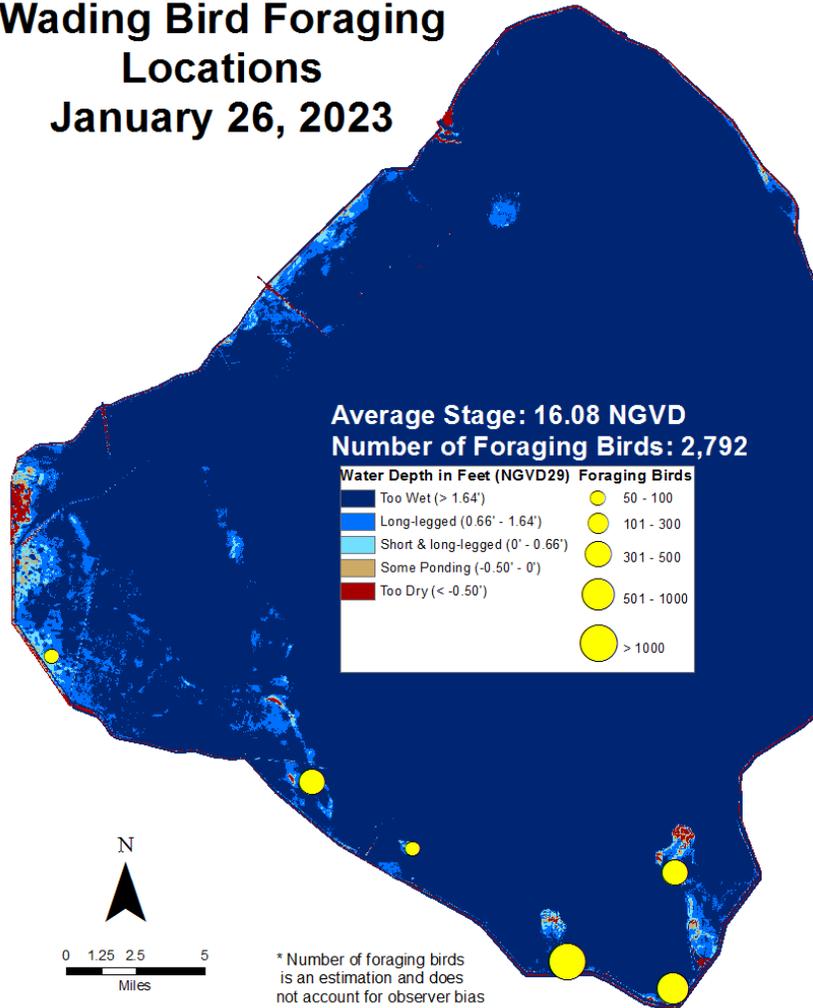




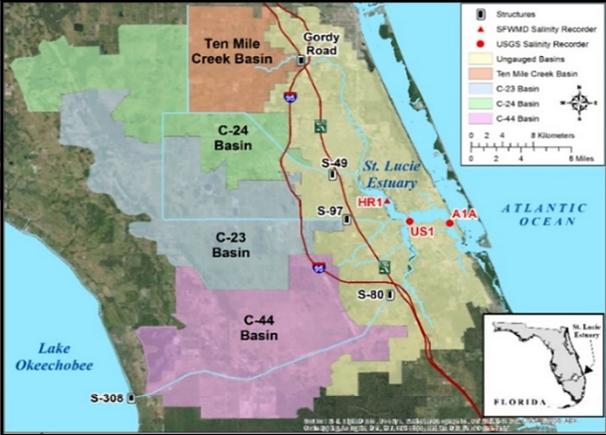
**Recent
Water
Quality**
Provisional Data

Lake Okeechobee Foraging Wading Birds

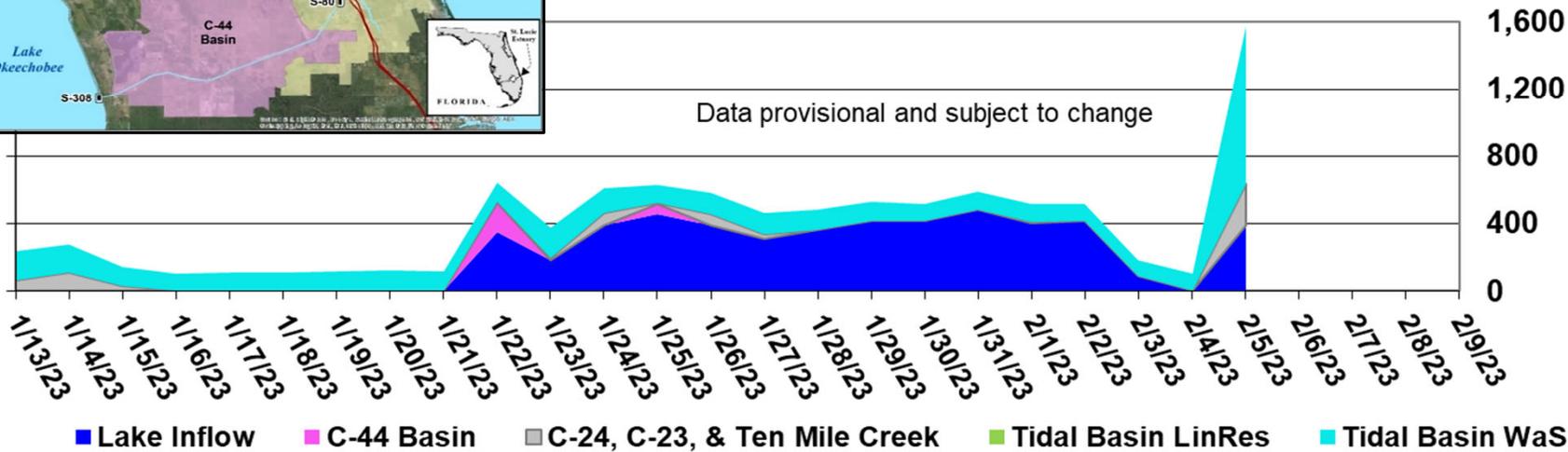
Wading Bird Foraging Locations
January 26, 2023



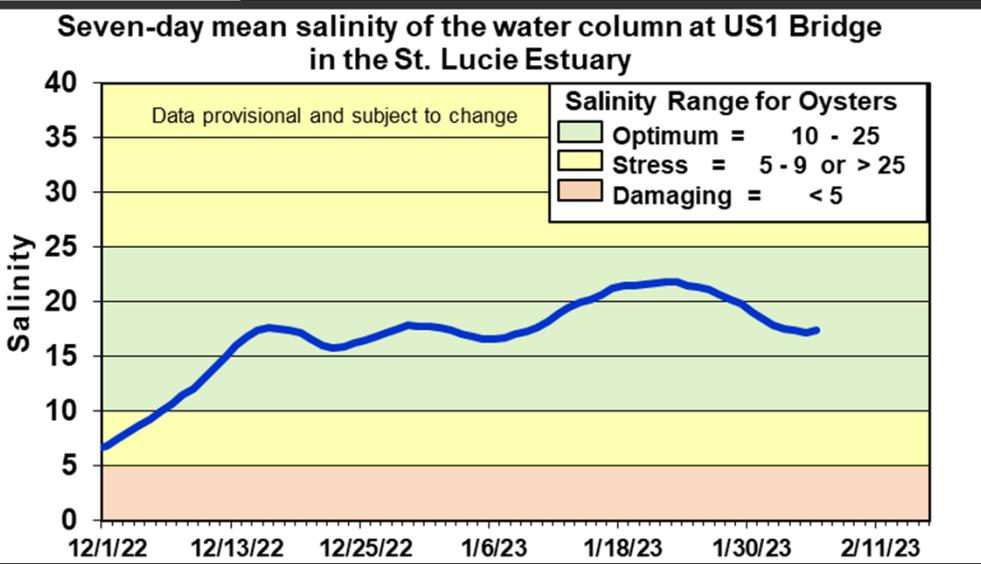
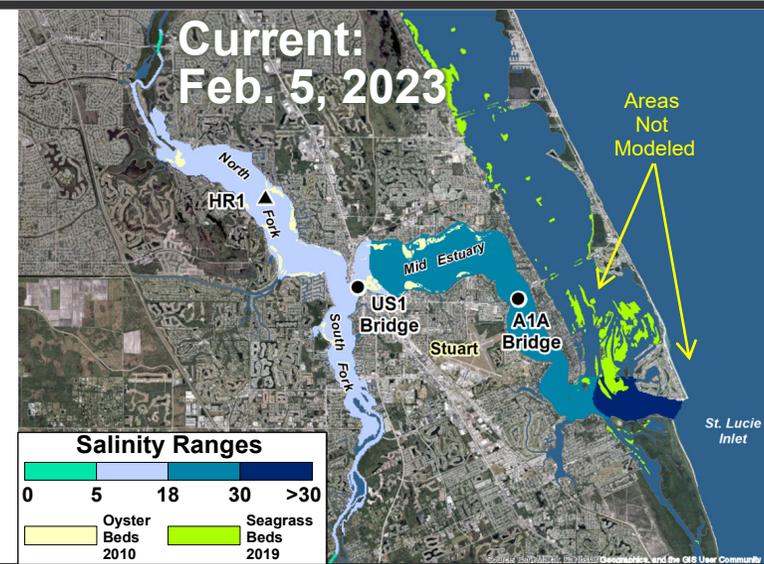
St. Lucie Inflows and Salinity Conditions



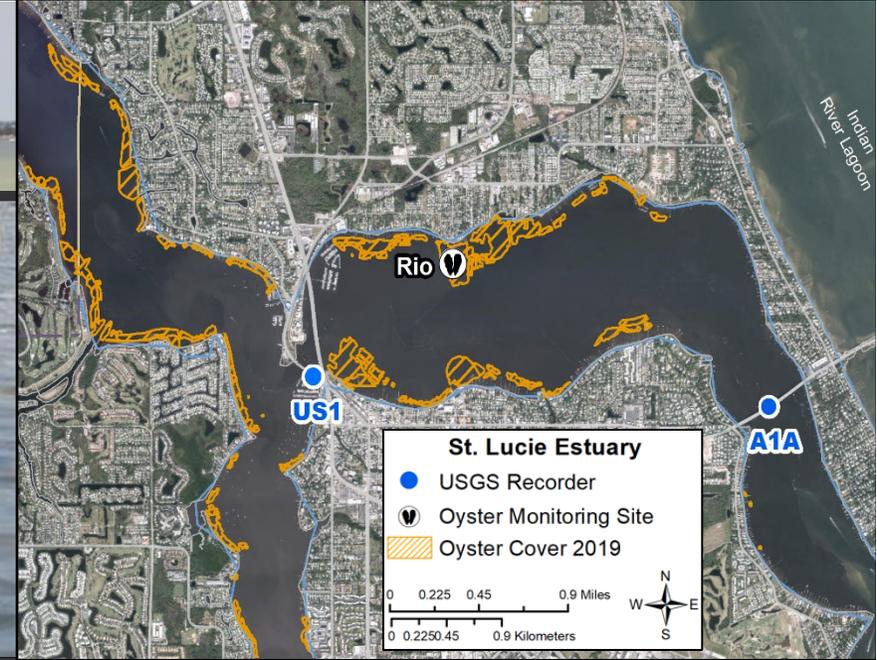
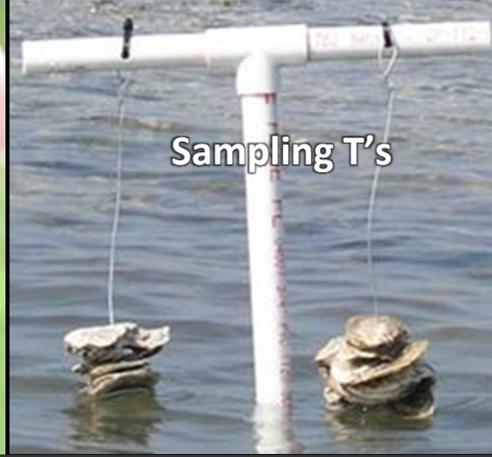
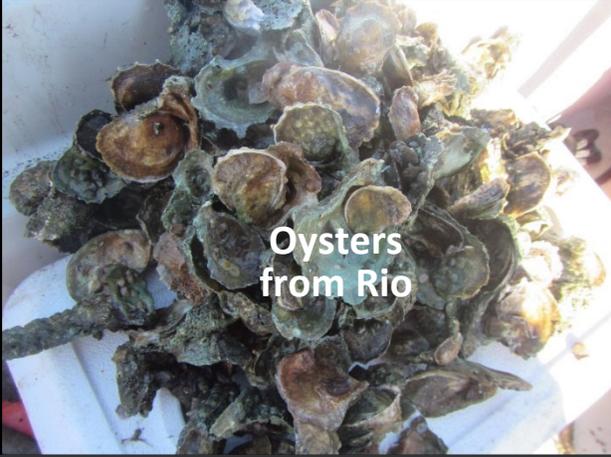
Total Daily Inflow into the St. Lucie Estuary



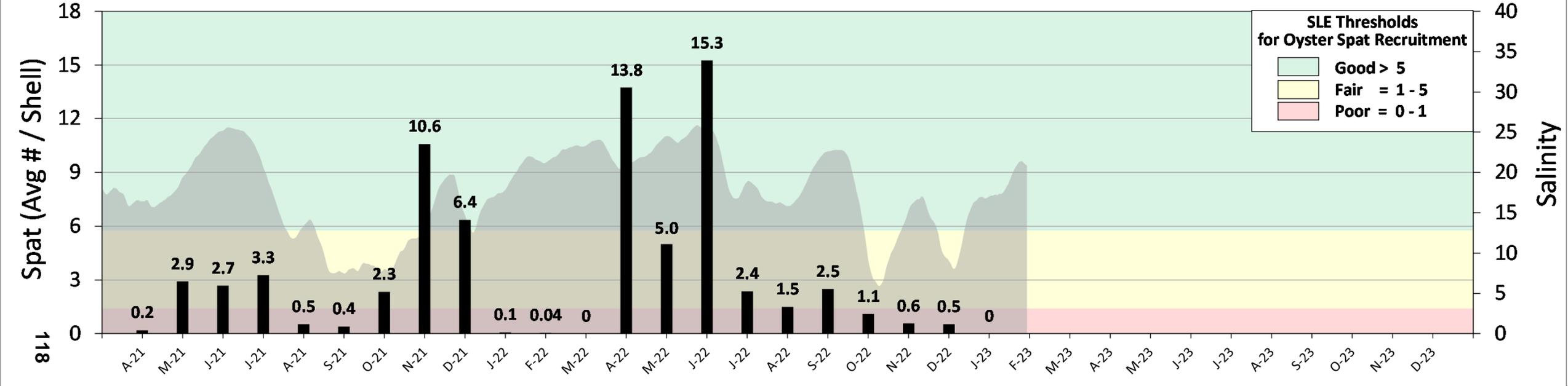
Date	S-80	S-49	S-48	Gordy	Tidal Basin	Total Flow (cfs)
1/31/2023	481	0	2	8	106	597
2/1/2023	403	0	4	7	110	524
2/2/2023	414	0	4	7	98	523
2/3/2023	91	0	2	6	92	191
2/4/2023	0	0	0	7	101	107
2/5/2023	390	0	243	11	941	1586
2/6/2023	478	0	0	21	738	1237
2/7/2023	417	0	1	15	374	807



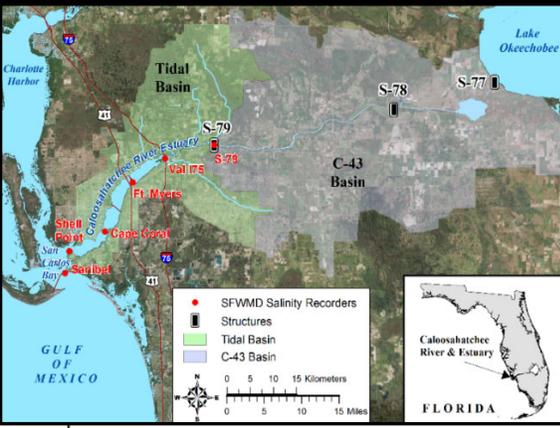
St. Lucie Estuary – Oyster Recruitment



2021 - 2023 Rio Oyster Recruitment and 14-Day Mean Salinity at US1 Bridge



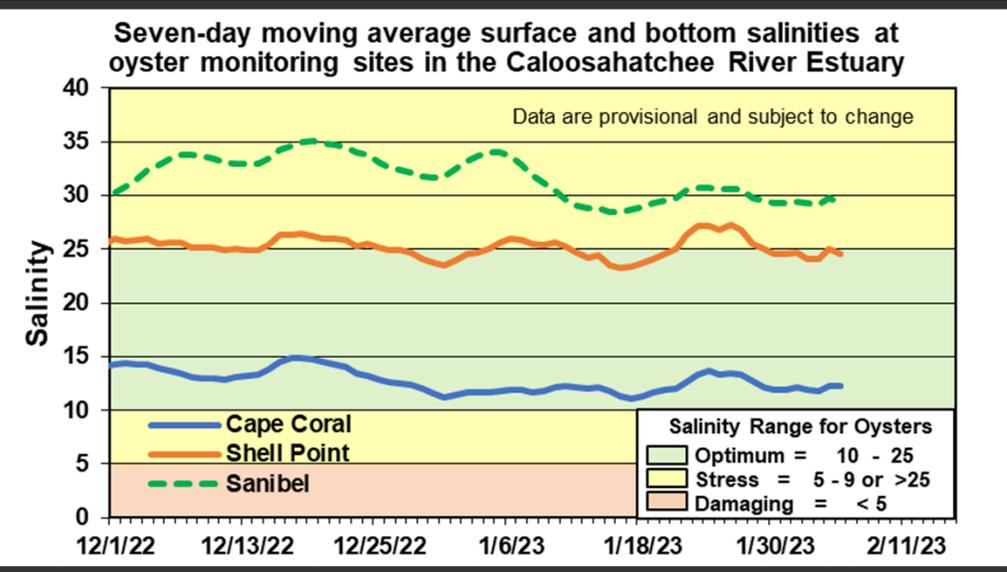
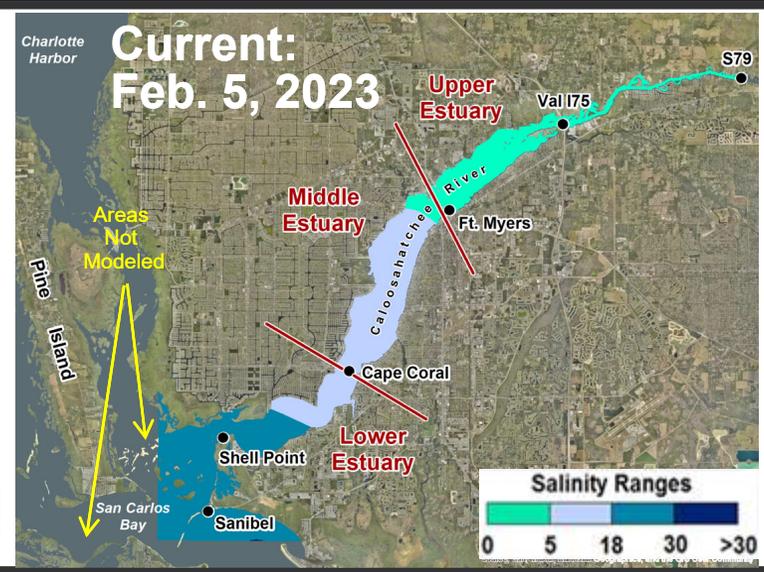
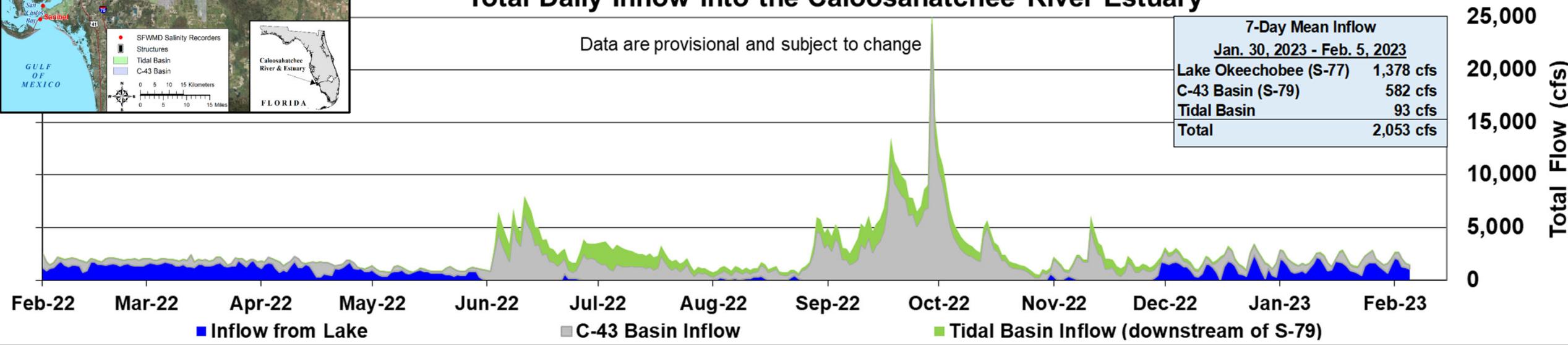
Caloosahatchee Inflows and Salinity Conditions



Total Daily Inflow into the Caloosahatchee River Estuary

Data are provisional and subject to change

7-Day Mean Inflow Jan. 30, 2023 - Feb. 5, 2023	
Lake Okeechobee (S-77)	1,378 cfs
C-43 Basin (S-79)	582 cfs
Tidal Basin	93 cfs
Total	2,053 cfs



Everglades Stormwater Treatment Areas (STAs)

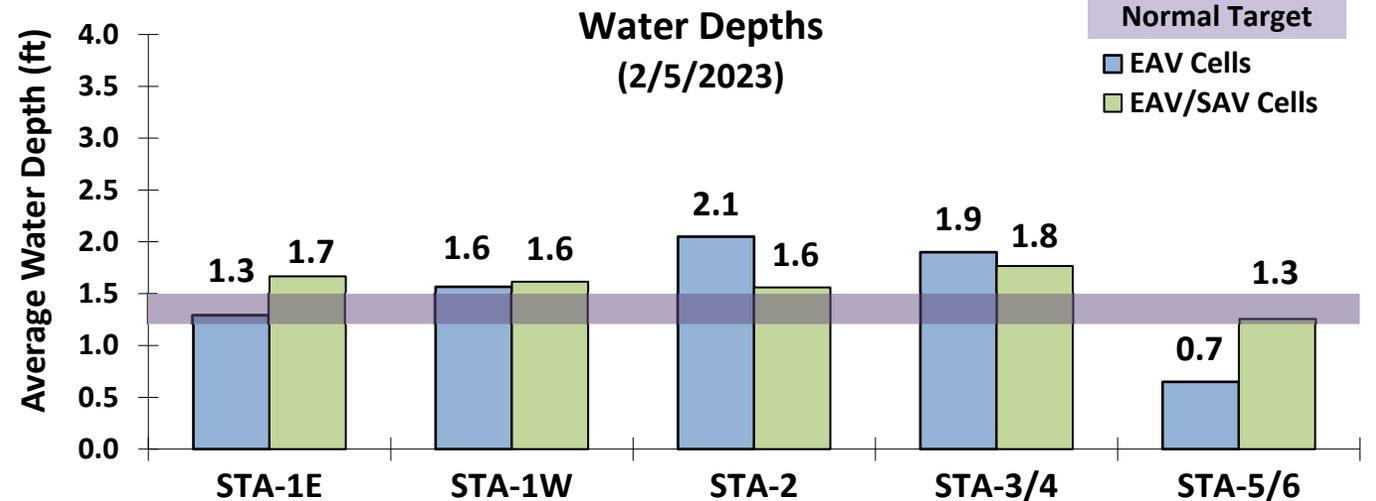
Water Year 2023
5/1/2022 to 2/5/2023

	STA-1E	STA-1W	STA-2	STA-3/4	STA-5/6
Inflow TP Concentration (ppb)	115	205	120	93	288
Outflow TP Concentration (ppb)	25	20	30	16	40
365-day Phosphorus Loading Rate (g/m ² /yr)	1.6	0.8	0.8	0.9	1.0
Inflow Volume (ac-ft)	120,300	135,600	288,300	299,600	152,500

Includes preliminary data; all concentrations are flow-weighted means

- STAs treated basin runoff and Lake Okeechobee releases in January
- Total WY2023 inflows to STAs (5/1/2022 to 2/5/2023): ~996,000 ac-ft
- Lake Okeechobee releases to FEB/STAs in WY2023: ~24,900 ac-ft

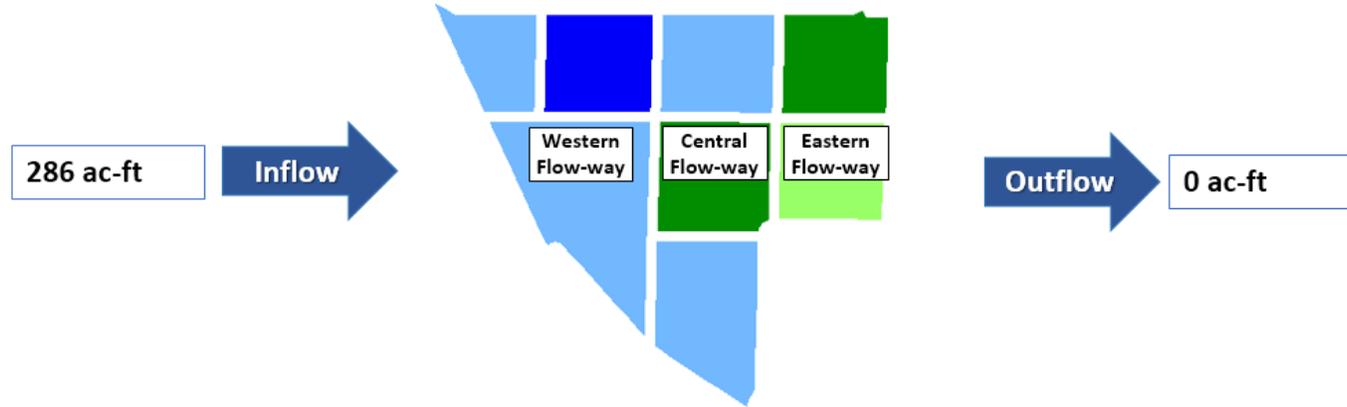
- Extensive vegetation management activities underway to address stressed and highly stressed vegetation especially in EAV cells
- Most treatment cells are near target depth except STA-5/6 EAV Cells starting to dry out



Includes preliminary data; Emergent Aquatic Vegetation (EAV); Submerged Aquatic Vegetation (SAV)

STA-1E

STA-1E Weekly Status Report – 1/30/2023 through 2/5/2023



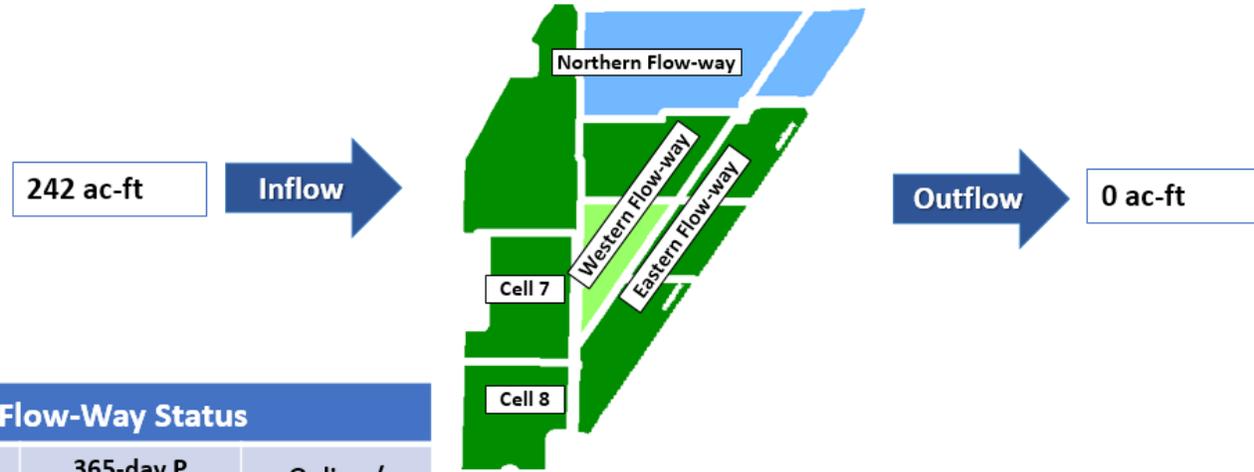
STA-1E Flow-Way Status			
Flow-Way	Vegetation Status Healthy ----- Stressed	365-day P Loading Rate (below 1.0 g P /m ² /yr is optimal)	Online / Offline / Restrictions
Eastern	← →		Vegetation management
Central	← →		Vegetation rehabilitation
Western	Offline, post-construction grow in starting 3/28/2022		

As of 2/5/2023	
Stage Based: Relative to Target Stage (TS)	
	Deep Water Level (> 2.8' above TS)
	High Water Level (1.5' – 2.8' above TS)
	0.2' – 1.5' above TS
	Target Stage (TS +/- 0.2')
	0.2' – 0.5' below TS
	0.5' – 1.0' below TS
	Low Water Level (1.0' – 1.2' below TS)
	Extreme Low Water (> 1.2' below TS)

STA-1E Flow & Phosphorus Concentration			
	7-day	28-day	365-day
Total Inflow, ac-ft	286	1,895	129,269
--Lake Inflow, ac-ft	300	N/A	3,200
Total Outflow, ac-ft	0	367	100,503
Inflow Conc., ppb	56	50	113
Outflow Conc., ppb	N/A	19	25
Includes Preliminary Data			

STA-1W

STA-1W Weekly Status Report – 1/30/2023 through 2/5/2023



STA-1W Flow-Way Status

Flow-Way	Vegetation Status Healthy ←→ Stressed	365-day P Loading Rate (below 1.0 g P /m ² /yr is optimal)	Online / Offline / Restrictions
Northern	←→		Vegetation management
Western	←→		Vegetation management
Eastern	←→		Vegetation management
Cell 7	← →	N/A	Online
Cell 8	← →	N/A	Construction

As of 2/5/2023

Stage Based: Relative to Target Stage (TS)

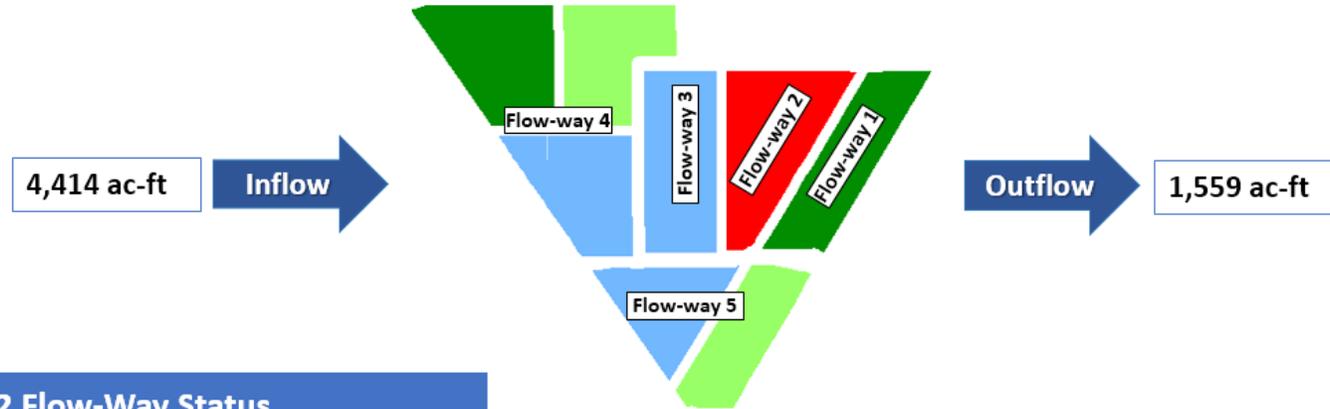
- Deep Water Level (> 2.8' above TS)
- High Water Level (1.5' – 2.8' above TS)
- 0.2' – 1.5' above TS
- Target Stage (TS +/- 0.2')
- 0.2' – 0.5' below TS
- 0.5' – 1.0' below TS
- Low Water Level (1.0' – 1.2' below TS)
- Extreme Low Water (> 1.2' below TS)

STA-1W Flow & Phosphorus Concentration

	7-day	28-day	365-day
Total Inflow, ac-ft	242	2,246	144,455
--Lake Inflow, ac-ft	200	N/A	3,600
Total Outflow, ac-ft	0	45	145,991
Inflow Conc., ppb	159	143	198
Outflow Conc., ppb	N/A	16	20
Includes Preliminary Data			

STA-2

STA-2 Weekly Status Report – 1/30/2023 through 2/5/2023



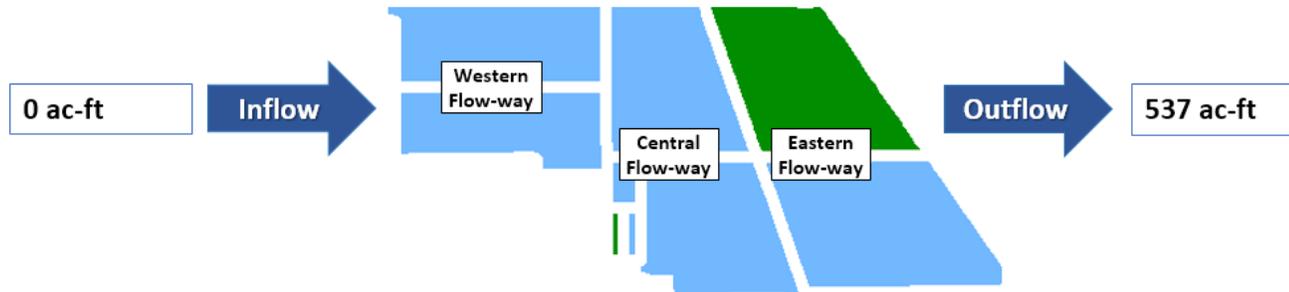
STA-2 Flow-Way Status			
Flow-Way	Vegetation Status Healthy ----- Stressed	365-day P Loading Rate (below 1.0 g P /m ² /yr is optimal)	Online / Offline / Restrictions
1	← →		Online
2	Offline, post-construction grow in starting 1/23/2023		
3	← →		Vegetation Rehab
4	← →		Vegetation Rehab
5	← →		Online

As of 2/5/2023	
Stage Based: Relative to Target Stage (TS)	
	Deep Water Level (> 2.8' above TS)
	High Water Level (1.5' – 2.8' above TS)
	0.2' – 1.5' above TS
	Target Stage (TS +/- 0.2')
	0.2' – 0.5' below TS
	0.5' – 1.0' below TS
	Low Water Level (1.0' – 1.2' below TS)
	Extreme Low Water (> 1.2' below TS)

STA-2 Flow & Phosphorus Concentration			
	7-day	28-day	365-day
Total Inflow, ac-ft	4,414	10,671	316,655
--Lake Inflow, ac-ft	3,900	N/A	31,100
Total Outflow, ac-ft	1,559	4,230	331,273
Inflow Conc., ppb	77	67	114
Outflow Conc., ppb	10	14	30
Includes Preliminary Data			

STA-3/4

STA-3/4 Weekly Status Report – 1/30/2023 through 2/5/2023



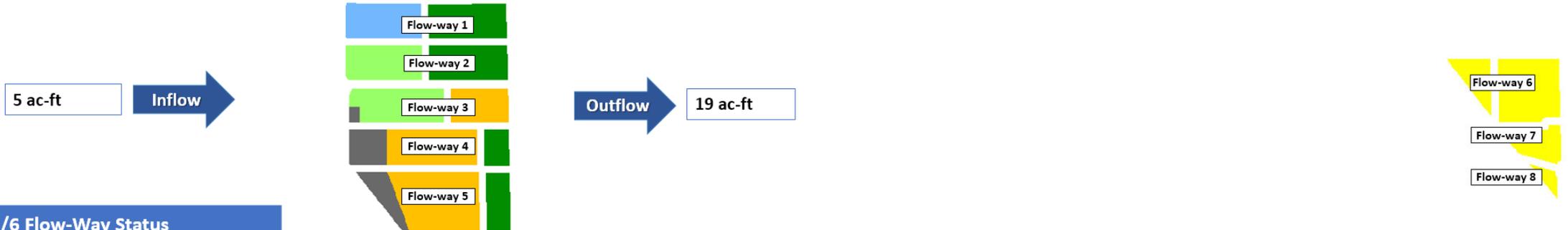
STA-3/4 Flow-Way Status			
Flow-Way	Vegetation Status Healthy ——— Stressed	365-day P Loading Rate (below 1.0 g P /m ² /yr is optimal)	Online / Offline / Restrictions
Eastern	←————→	1.0	Offline, vegetation management drawdown as of 3/1/2021
Central	←————→	1.0	Online
Western	←————→	1.0	Online

As of 2/5/2023
Stage Based: Relative to Target Stage (TS)
Deep Water Level (> 2.8' above TS)
High Water Level (1.5' – 2.8' above TS)
0.2' – 1.5' above TS
Target Stage (TS +/- 0.2')
0.2' – 0.5' below TS
0.5' – 1.0' below TS
Low Water Level (1.0' – 1.2' below TS)
Extreme Low Water (> 1.2' below TS)

STA-3/4 Flow & Phosphorus Concentration			
	7-day	28-day	365-day
Total Inflow, ac-ft	0	34	299,678
--Lake Inflow, ac-ft	0	N/A	4,200
Total Outflow, ac-ft	537	166	292,540
Inflow Conc., ppb	N/A	N/A	93
Outflow Conc., ppb	19	40	16
Includes Preliminary Data			

STA-5/6

STA-5/6 Weekly Status Report – 1/30/2023 through 2/5/2023



STA-5/6 Flow-Way Status			
Flow-Way	Vegetation Status Healthy ----- Stressed	365-day P Loading Rate (below 1.0 g P /m ² /yr is optimal)	Online / Offline / Restrictions
1	← Healthy →	1.0	Online
2	← Healthy →	1.0	Online
3	← Healthy →	1.0	Online
4	← Healthy →	1.0	Online
5	← Healthy →	1.0	Online

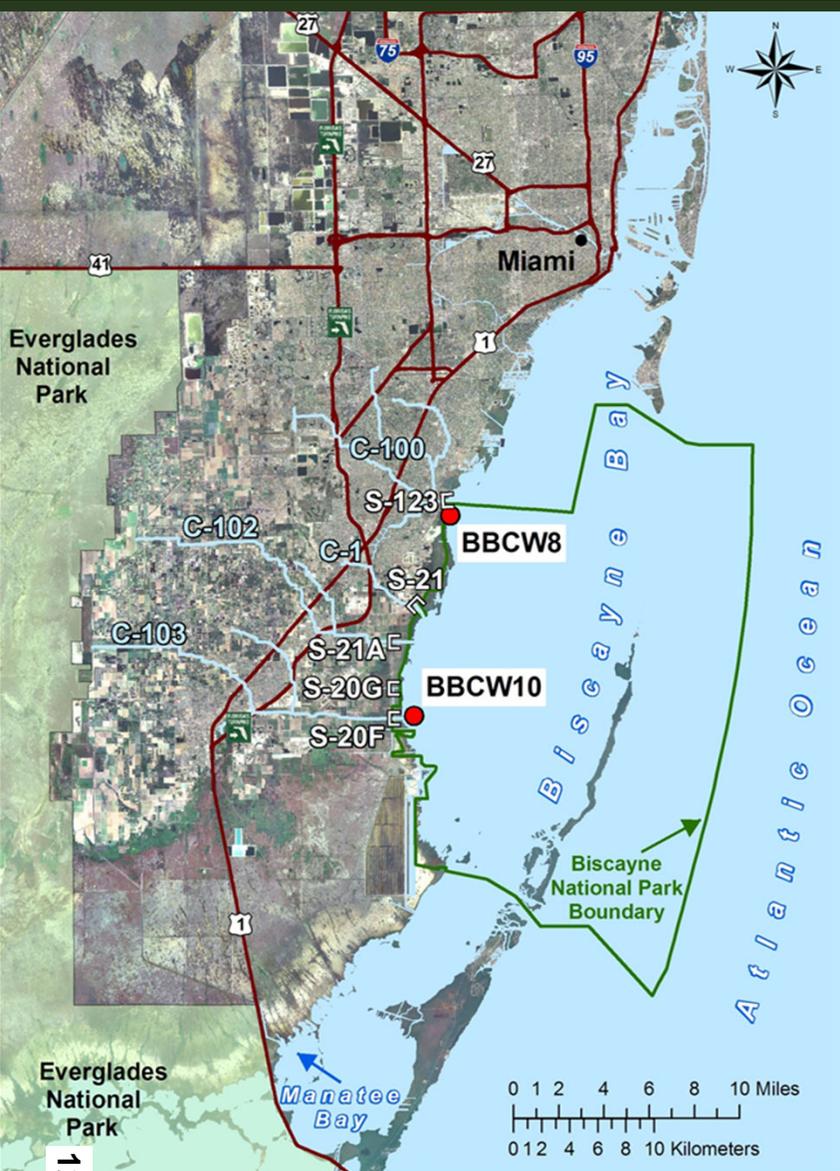
As of 2/5/2023	
Stage Based: Relative to Target Stage (TS)	
Deep Water Level (> 2.8' above TS)	Blue
High Water Level (1.5' – 2.8' above TS)	Light Blue
0.2' – 1.5' above TS	Light Green
Target Stage (TS +/- 0.2')	Green
0.2' – 0.5' below TS	Light Yellow
0.5' – 1.0' below TS	Yellow
Low Water Level (1.0' – 1.2' below TS)	Orange
Extreme Low Water (> 1.2' below TS)	Red

STA-5/6 Flow & Phosphorus Concentration			
	7-day	28-day	365-day
Total Inflow, ac-ft	5	5	153,167
--Lake Inflow, ac-ft	0	N/A	0
Total Outflow, ac-ft	19	138	148,390
Inflow Conc., ppb	102	130	288
Outflow Conc., ppb	60	19	40
Includes Preliminary Data			

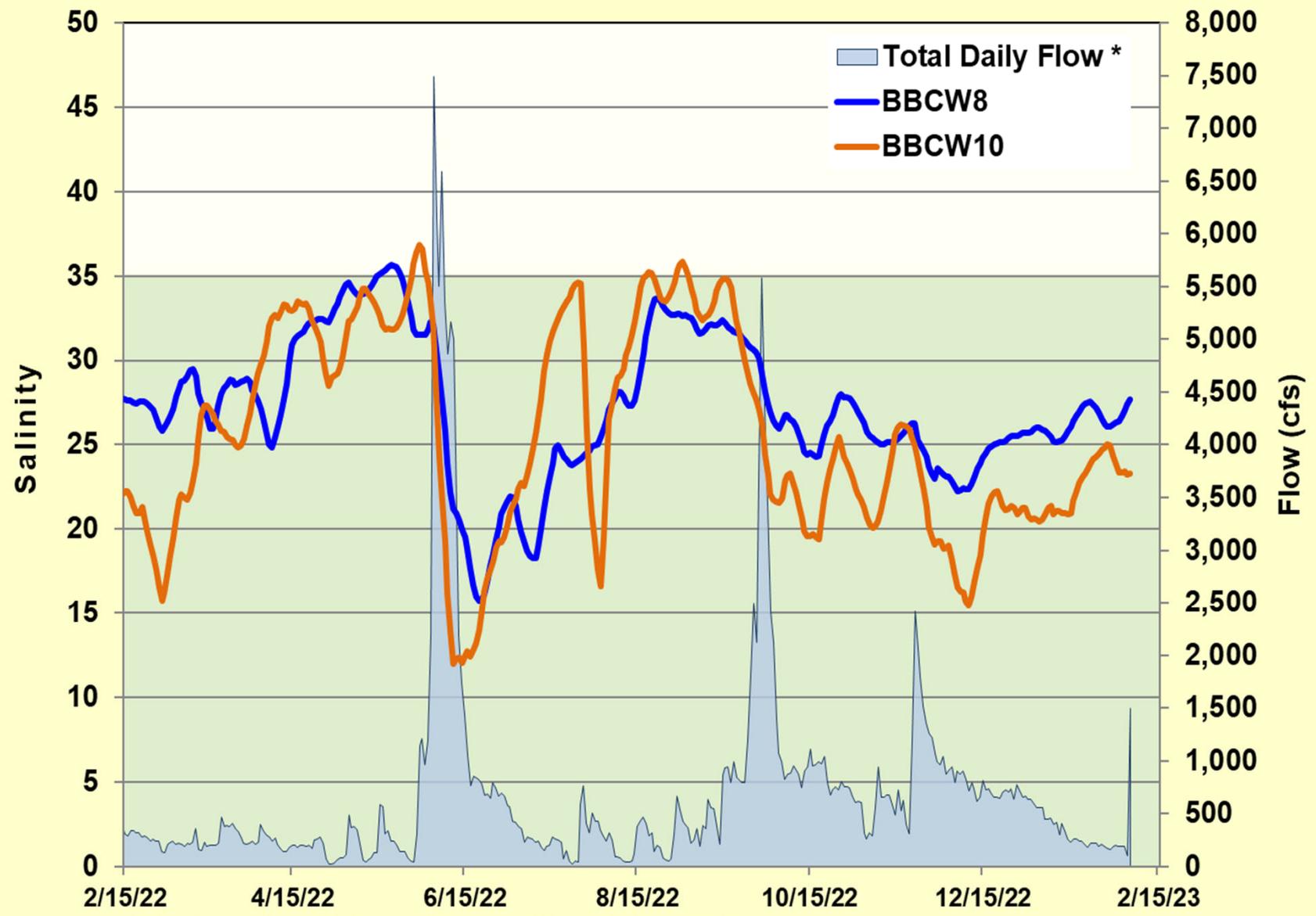
STA-5/6 Flow-Way Status			
Flow-Way	Vegetation Status Healthy ----- Stressed	365-day P Loading Rate (below 1.0 g P /m ² /yr is optimal)	Online / Offline / Restrictions
6	← Healthy →	1.0	Online
7	← Healthy →	1.0	Online
8	← Healthy →	1.0	Online

As of 2/5/2023	
Stage Based: Relative to Target Stage (TS)	
Deep Water Level (> 2.8' above TS)	Blue
High Water Level (1.5' – 2.8' above TS)	Light Blue
0.2' – 1.5' above TS	Light Green
Target Stage (TS +/- 0.2')	Green
0.2' – 0.5' below TS	Light Yellow
0.5' – 1.0' below TS	Yellow
Low Water Level (1.0' – 1.2' below TS)	Orange
Extreme Low Water (> 1.2' below TS)	Red

Biscayne Bay



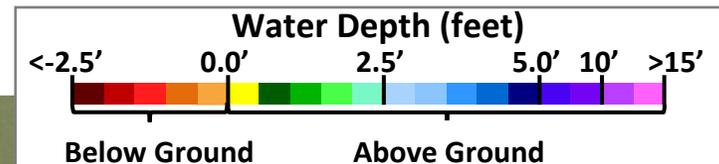
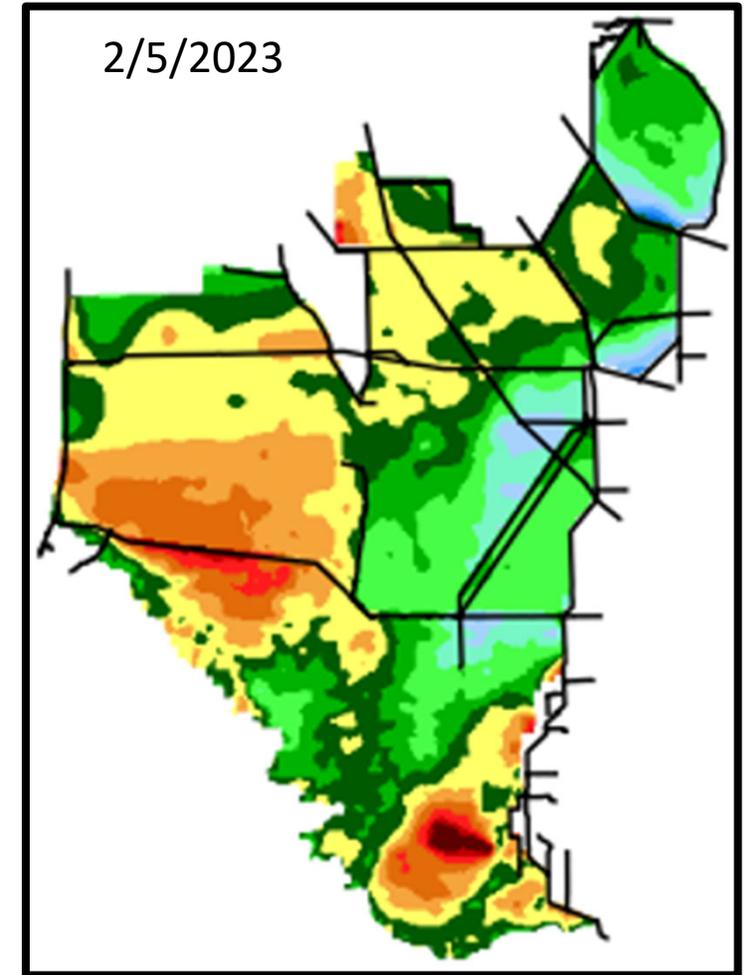
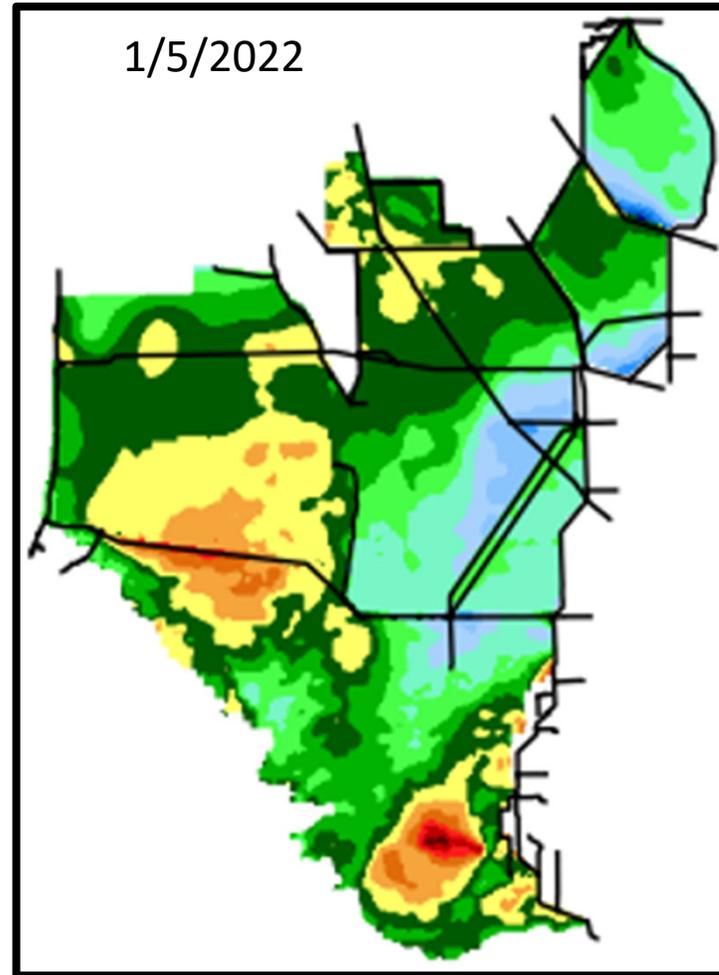
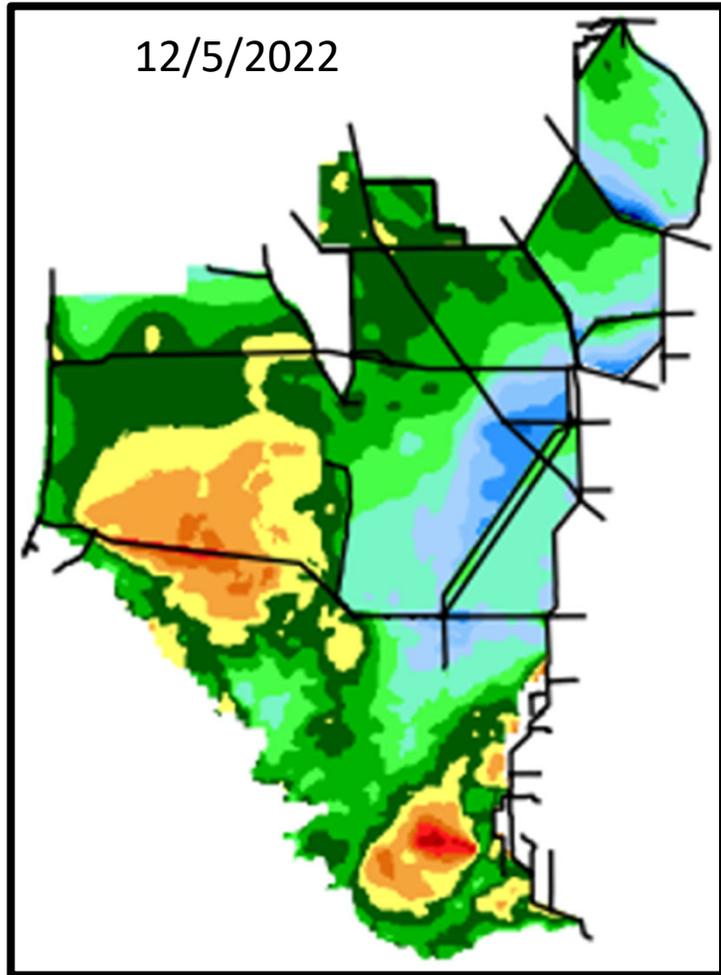
Seven-Day Mean Salinity (BBCW8 & BBCW10) & Total Daily Flow



* Total flow from S20G. S20F. S21. S21A. S123. S700P

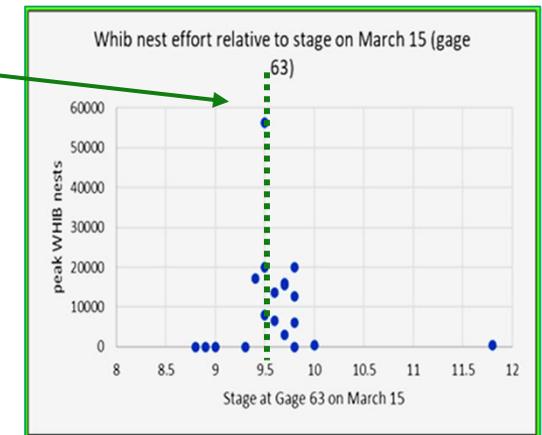
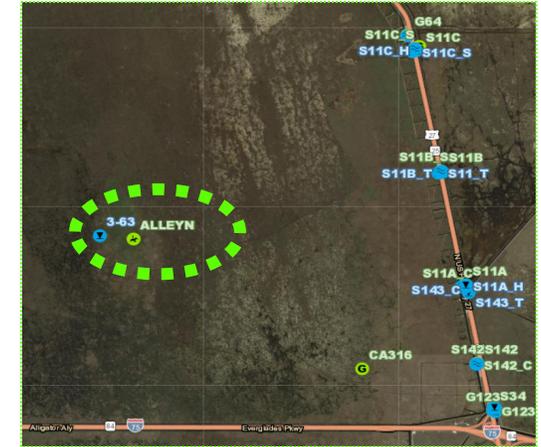
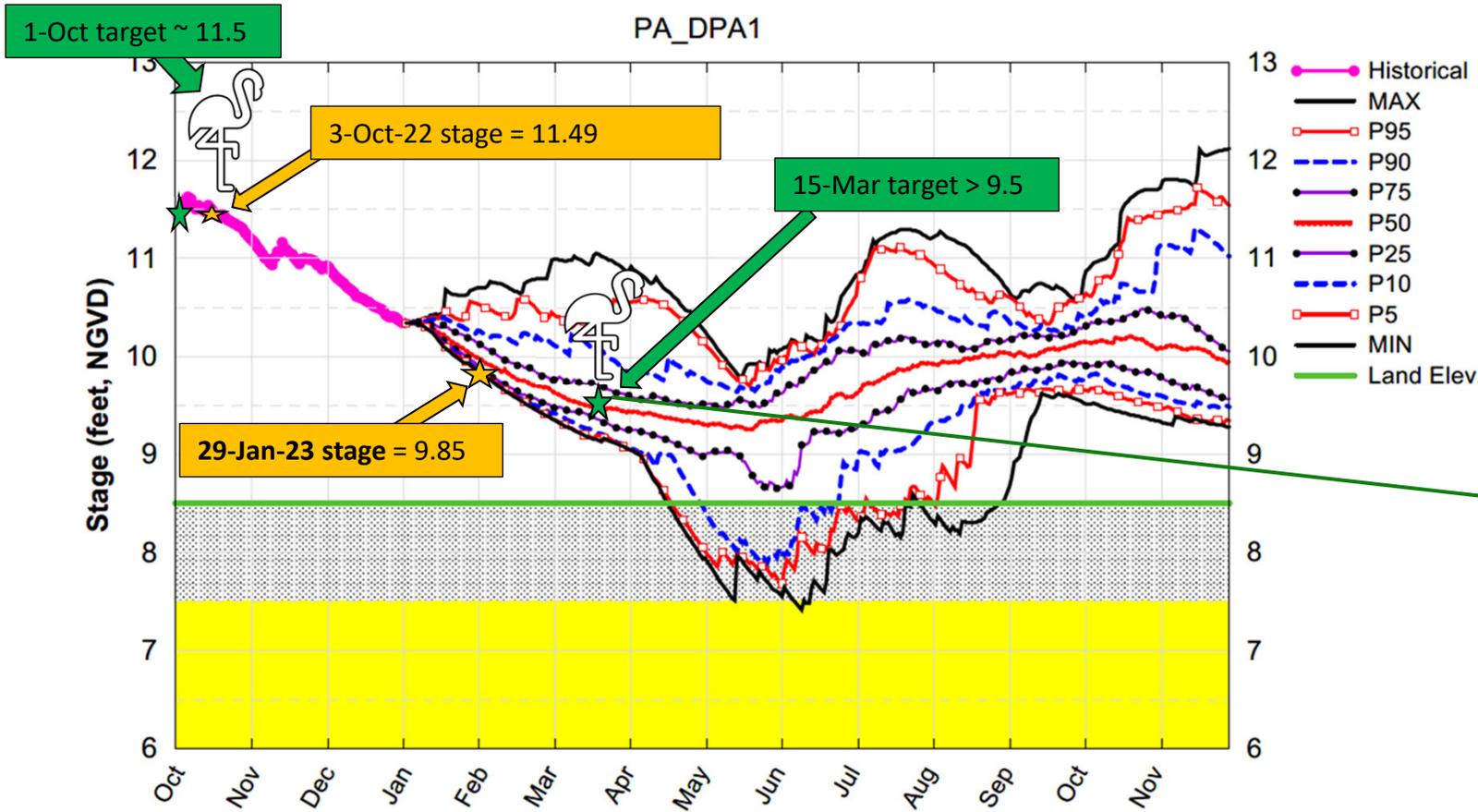
126

Everglades Water Depths

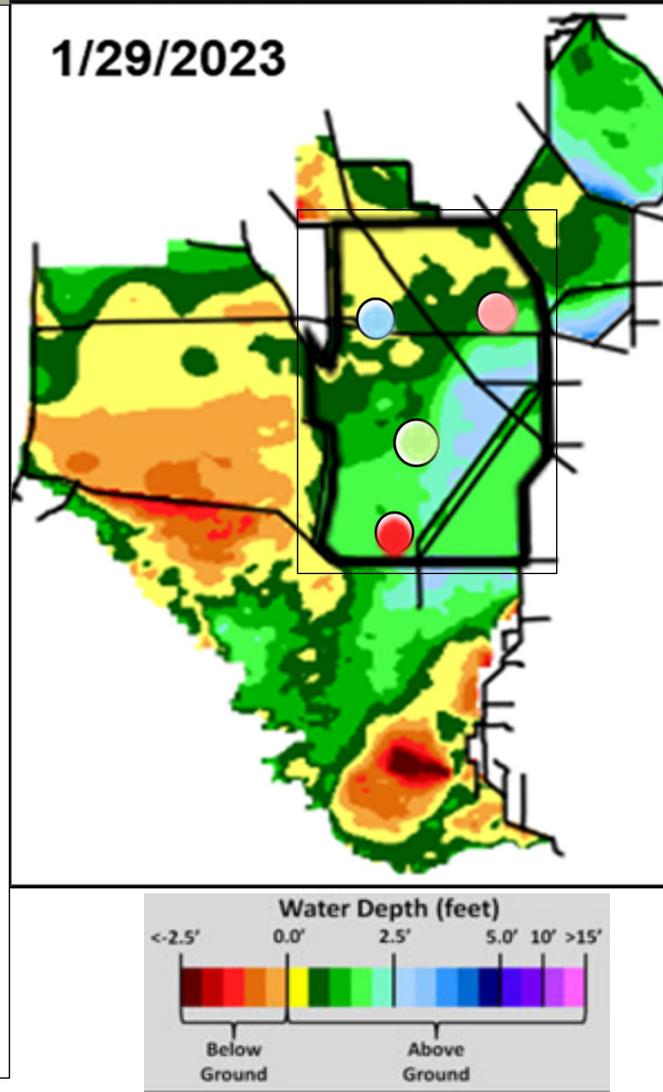
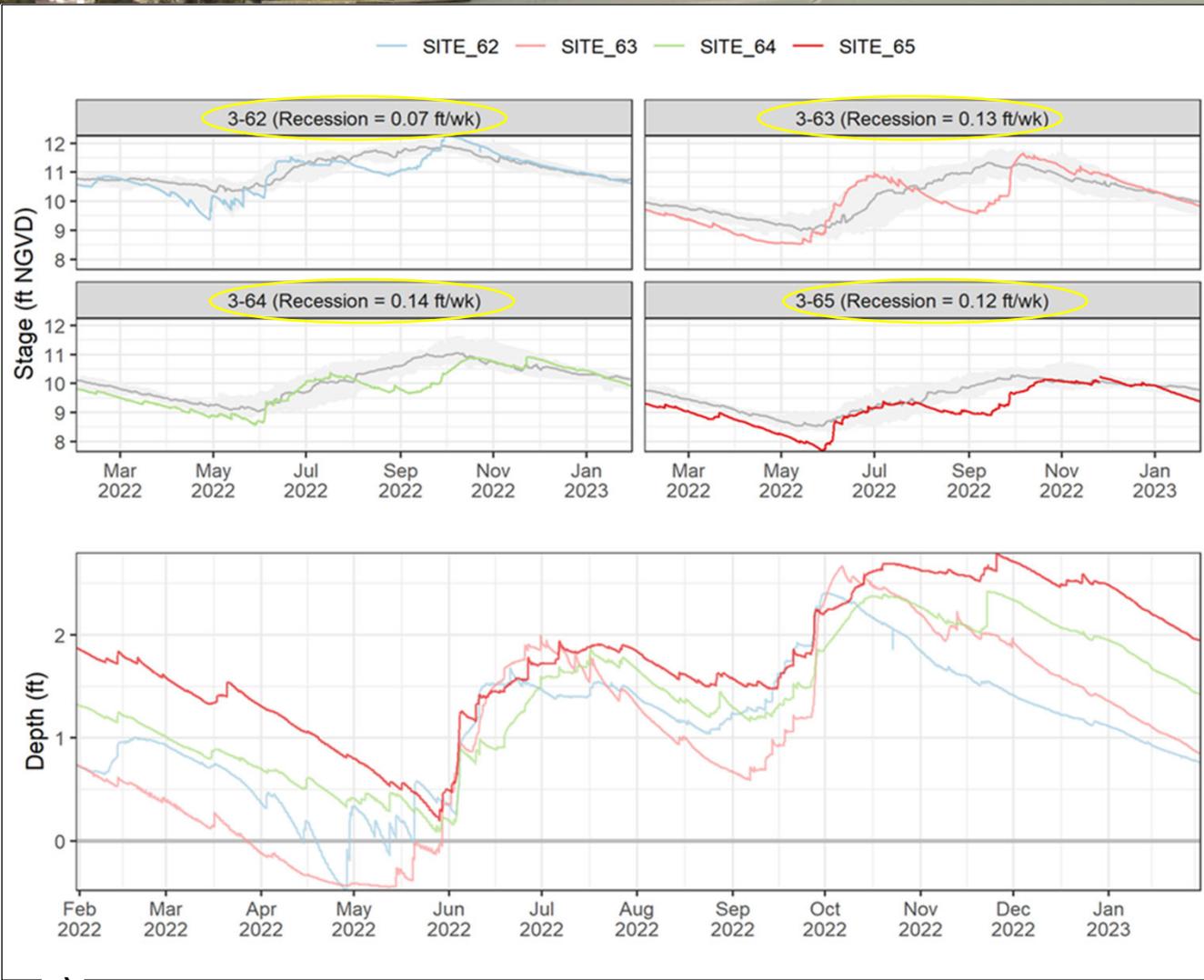


WCA-3A Northeast - Alley North colony and Gauge 63

3A-3 Gage SFWMM January 2023 Position Analysis



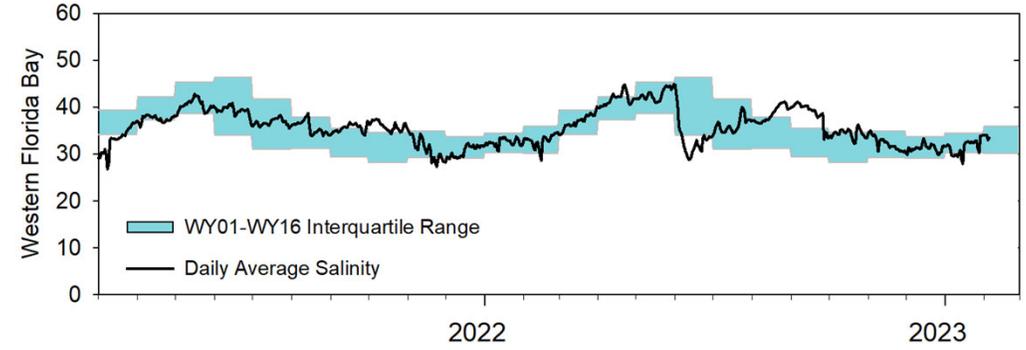
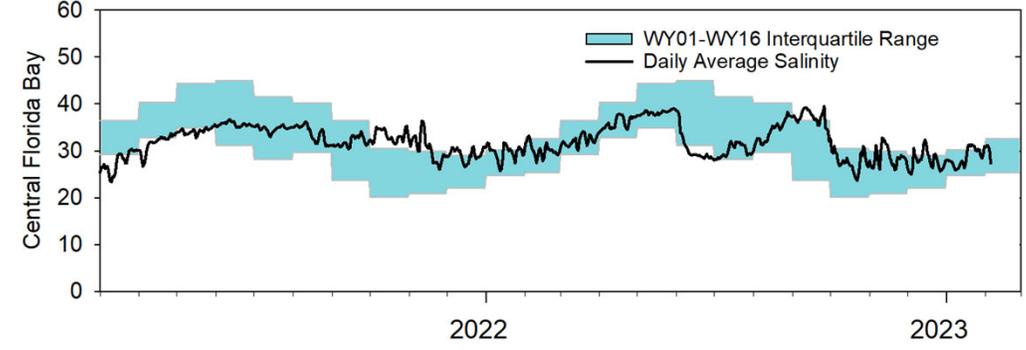
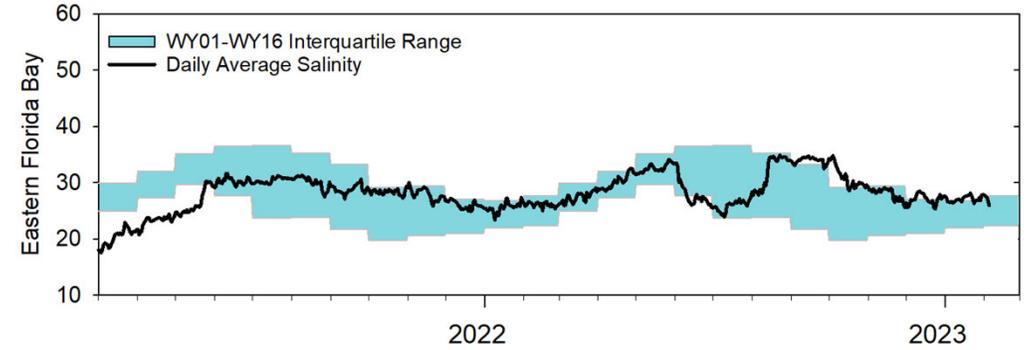
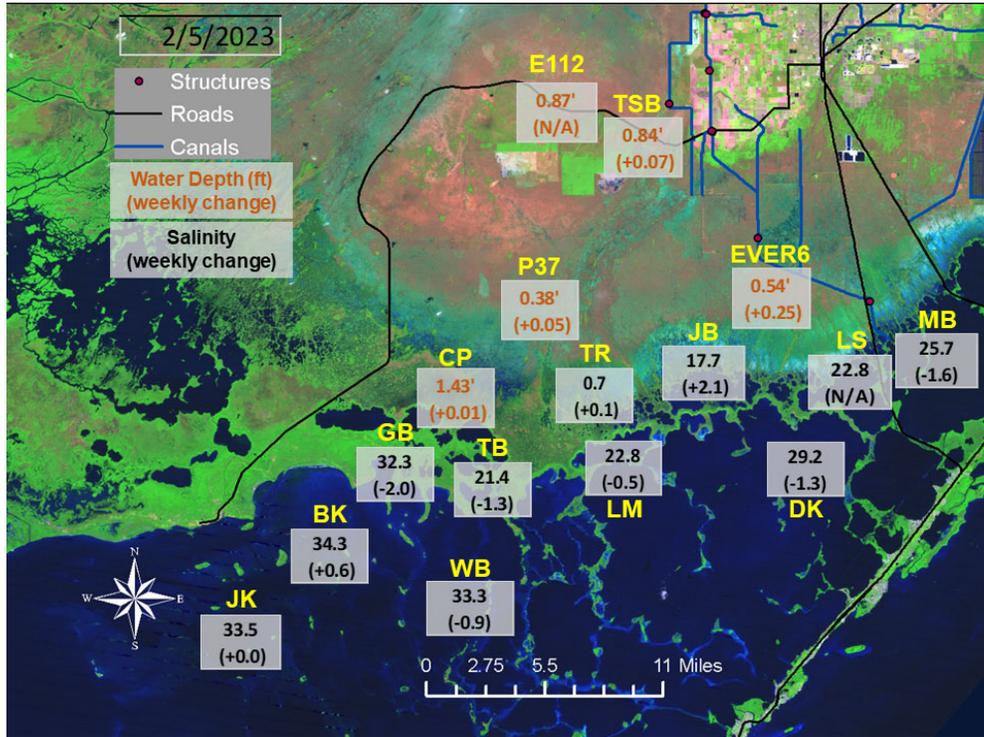
WCA-3A Stage/Depth and Recession Rate



A recession rate range of 0.05 to 0.07 ft per week is considered ecologically beneficial at this time of the year.

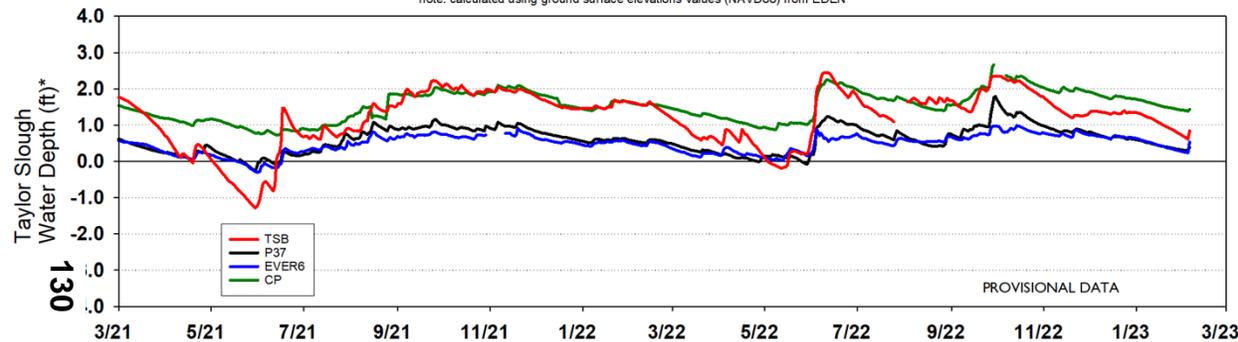
The colored circles on the WDAT surface water elevation output map correspond to the location of the four primary regulatory gauges in WCA-3A.

Taylor Slough Stages and Florida Bay Salinity



Taylor Slough Water Depths

*note: calculated using ground surface elevations values (NAVD88) from EDEN



Questions





PROTECTING
FLORIDA
—TOGETHER—

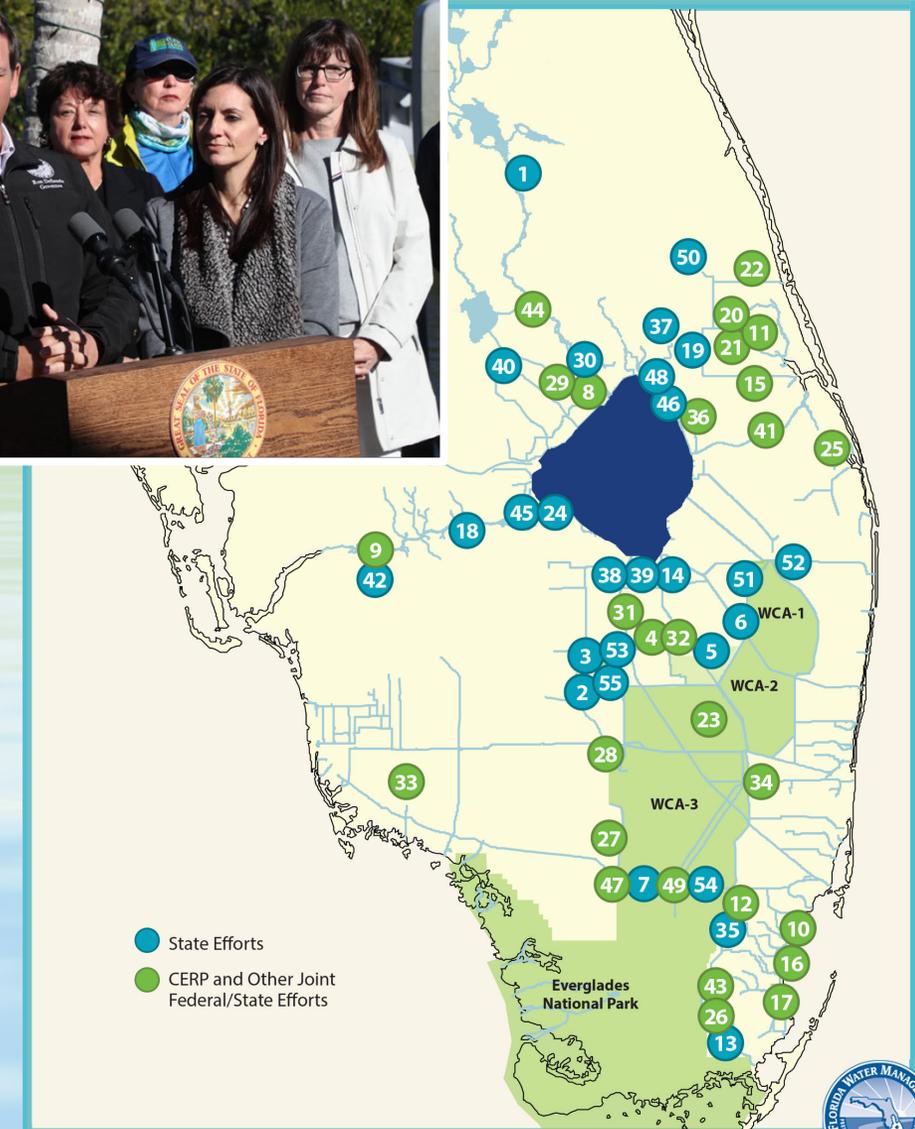
Implementing Executive Order 23-06 to
Advance Everglades and Water
Resource Restoration



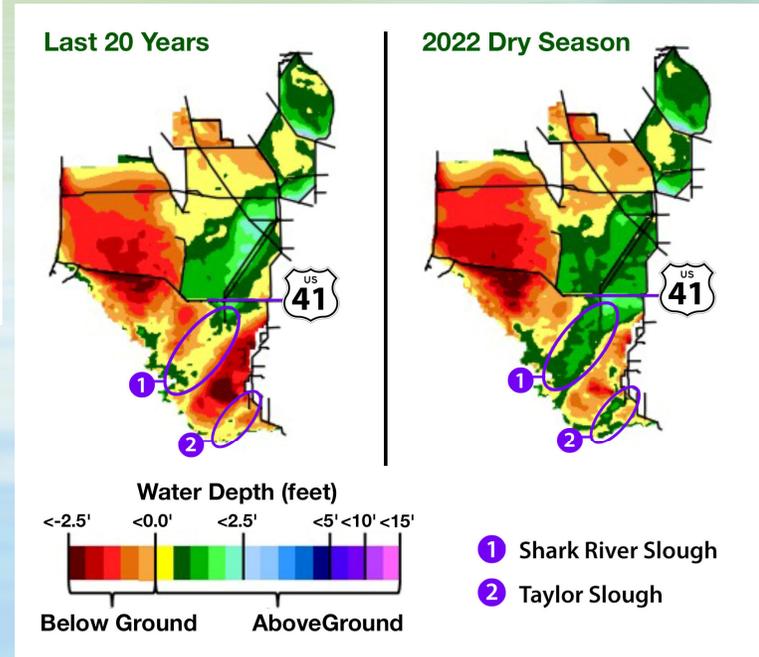
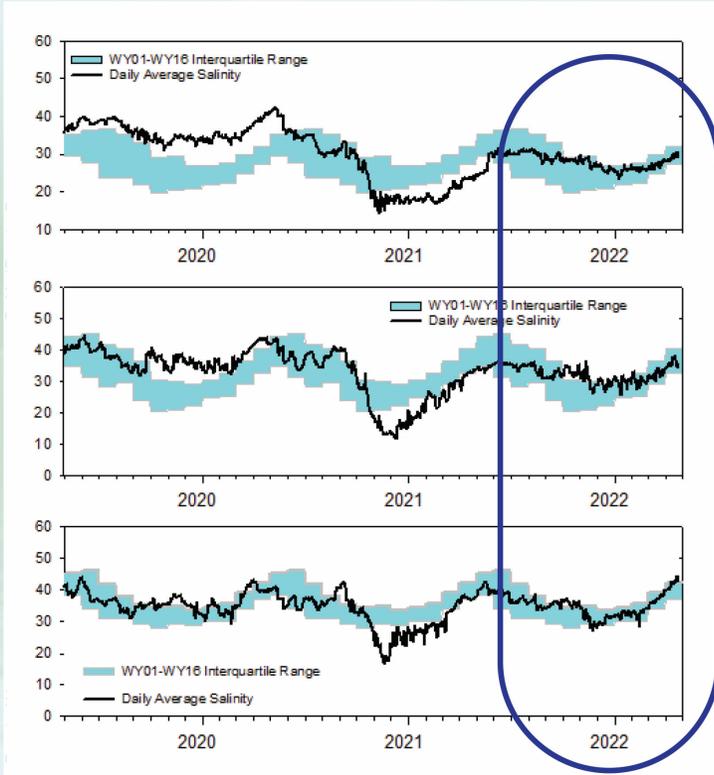
Achievements in the Last Four Years

Executive Order 19-12

- 55 projects broke ground, hit a major milestone or were completed
- 21 projects completed
- Over \$1.6 billion in contracts executed
- Over 23,000 acres acquired for restoration and conservation



Restoration is Working



Executive Order 23-06

Achieve *Even More* Now for Florida's Environment

- \$3.5 billion for Everglades restoration and water quality/supply
- More Water quality improvement opportunities
- Additional resiliency resources
- Expedited land preservation
- Four directives for SFWMD



EXECUTIVE ORDER 23-06

Achieving *Even More* Now for Florida's Environment

WHEREAS, on January 10, 2019, I signed Executive Order 19-12, which laid out a bold plan to achieve more now for Florida's environment, and in the last four years, we have made incredible progress, entering into a golden era for conservation and protection of our treasured natural resources; and

WHEREAS, we secured unprecedented funding for the protection of our natural resources, including over \$3.3 billion in state funding for Everglades restoration and protection of our water resources, far surpassing our goal of \$2.5 billion; and

WHEREAS, we expedited Everglades restoration to reduce harmful discharges and send more water south, with more than 50 Everglades restoration projects being completed, breaking ground, or hitting a major milestone, and helped Florida Bay reach salinity goals for the first time in decades; and

WHEREAS, in 2020, I signed into law Senate Bill 712, which was the most consequential environmental legislation in decades and included a wide range of water quality protections aimed at minimizing the impact of known nutrient pollution sources, realigning the State's resources to better protect Florida's environment, and strengthening our environmental regulatory requirements; and

WHEREAS, we invested \$1.6 billion in water quality improvements, created the Wastewater Grant Program to construct, upgrade, or expand wastewater facilities, provide advanced wastewater treatment, and convert septic-to-sewer, and dedicated historic funding to increase alternative water supply and restore and protect Florida's springs; and

WHEREAS, we dedicated funding to enhance our state's water quality monitoring and identify new and innovative ways to treat, predict, and respond to blue-green algal blooms, including more than \$45 million to the Innovative Technology Grant Program and funding 20 different innovative technology projects to date; and

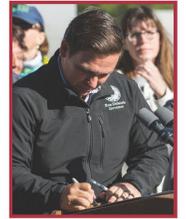
WHEREAS, the State, with the coordination of the Chief Science Officer, ensured that science is at the forefront of environmental protection and policy, with enhanced monitoring, innovative research, and modern data analytics to support water quality restoration and ensure that high quality, scientific data are readily available to citizens and state agencies; and

WHEREAS, we provided support to local governments for red tide cleanup efforts and established the Center for Red Tide Research within the Florida Fish and Wildlife Conservation Commission's (FWC) Fish and Wildlife Research Institute, which brings together state and local governments, universities, private sector partners, and community scientists to enhance statewide red tide monitoring and conduct applied research associated with tracking, predicting, and mitigating the effects of red tide; and

WHEREAS, the State, with the coordination of the Chief Resilience Officer, invested more than \$1.1 billion in resilience projects to protect our communities from flooding and sea level rise; and

WHEREAS, we established the Florida Wildlife Corridor and committed more than \$600 million to the Florida Forever Program and acquired more than 170,000 acres for conservation, nearly four times that acquired in the previous four years; and

WHEREAS, while the achievements of the first four years are historic, protecting our water resources, investing to make our communities more resilient, and preserving our conservation lands are essential to our economy and way of life, and we must continue the momentum of the last four years to achieve even more now for Florida's environment and ensure that we leave Florida to God better than we found it.



Signing of Executive Order 19-12 on January 10, 2019.



Gov. DeSantis signs Senate Bill 712.



Dr. Mark Rains, Chief Science Officer.



Dr. Wes Brooks, Chief Resilience Officer.



Statewide Goals Involving Our Work

- Improve wastewater grant program to include stormwater and agricultural runoff
- \$100 million per year for Indian River Lagoon restoration
- Strengthen Basin Management Action Plans
- Bolster statewide resiliency
- Expedite land conservation efforts – Wildlife Corridor, ecosystems, water quality, and resilience



Advancing Projects to Restore Water Resources



Bluefield Grove Water Farm



Brighton Valley Dispersed Water Mgmt



Lakeside Ranch STA



Lake Hicpochee



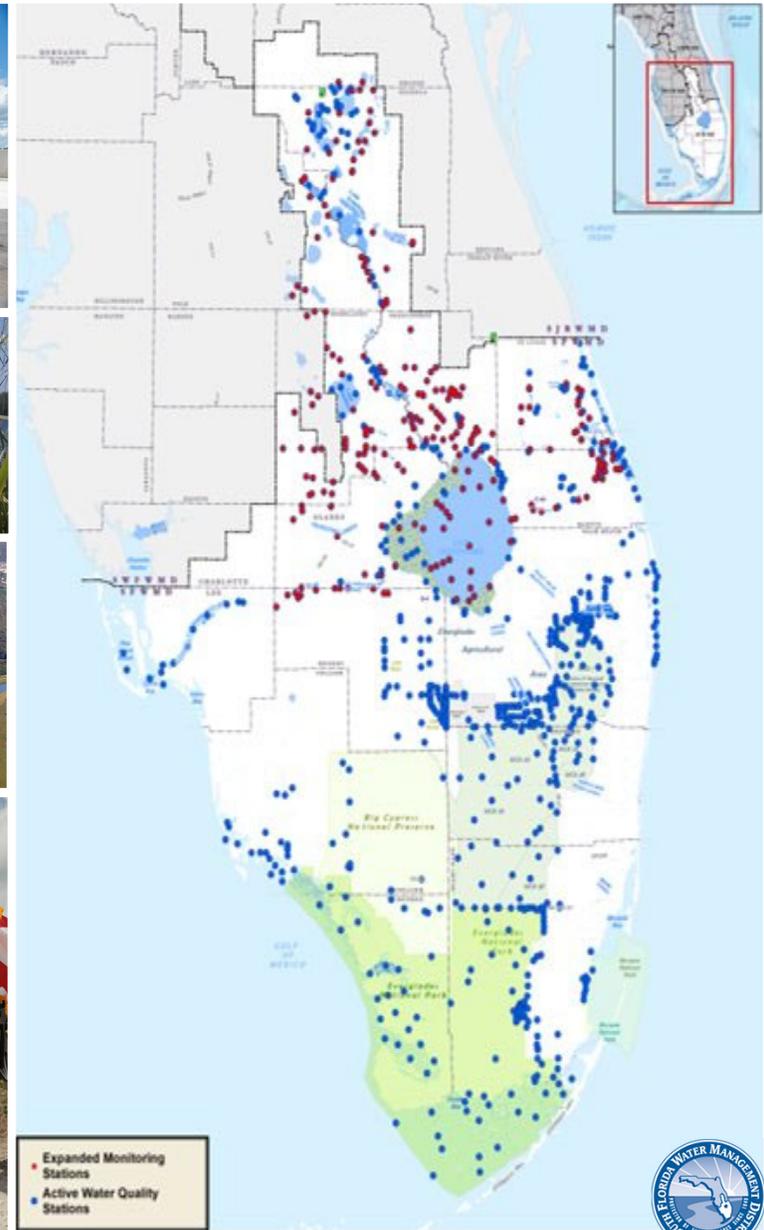
El Maximo



Taylor Slough Flow Improvement Project



BOMA



137 39 FEB



Scott Water Farm



Expedite Everglades: EAA Reservoir Project

Stormwater Treatment Area



Substantial Completion: December 2023

Initial Start-Up Operations: 2024

Reservoir



Groundbreaking on Canals/Roads: February 2023

Groundbreaking on Foundation: 2023

Groundbreaking on Berms: 2024

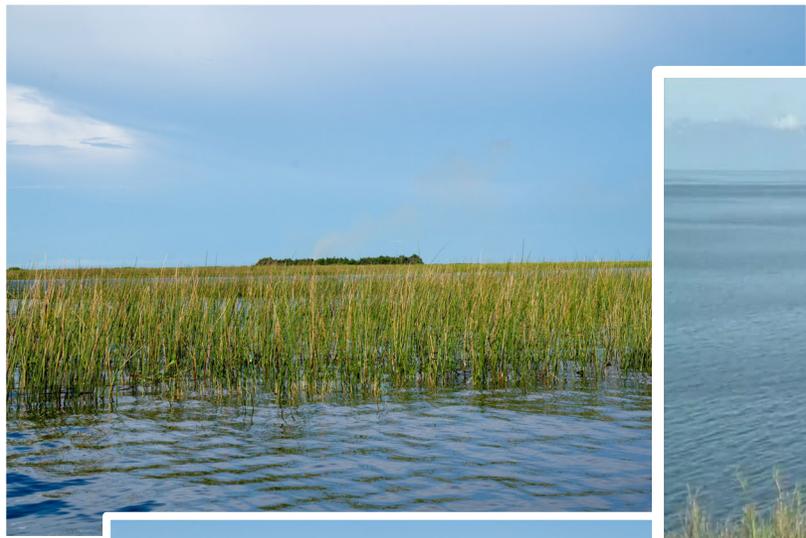
Groundbreaking on Pump Station: 25/26

SFWMD Request Responsibility on Pump Station To Expedite Construction – 2024 Start

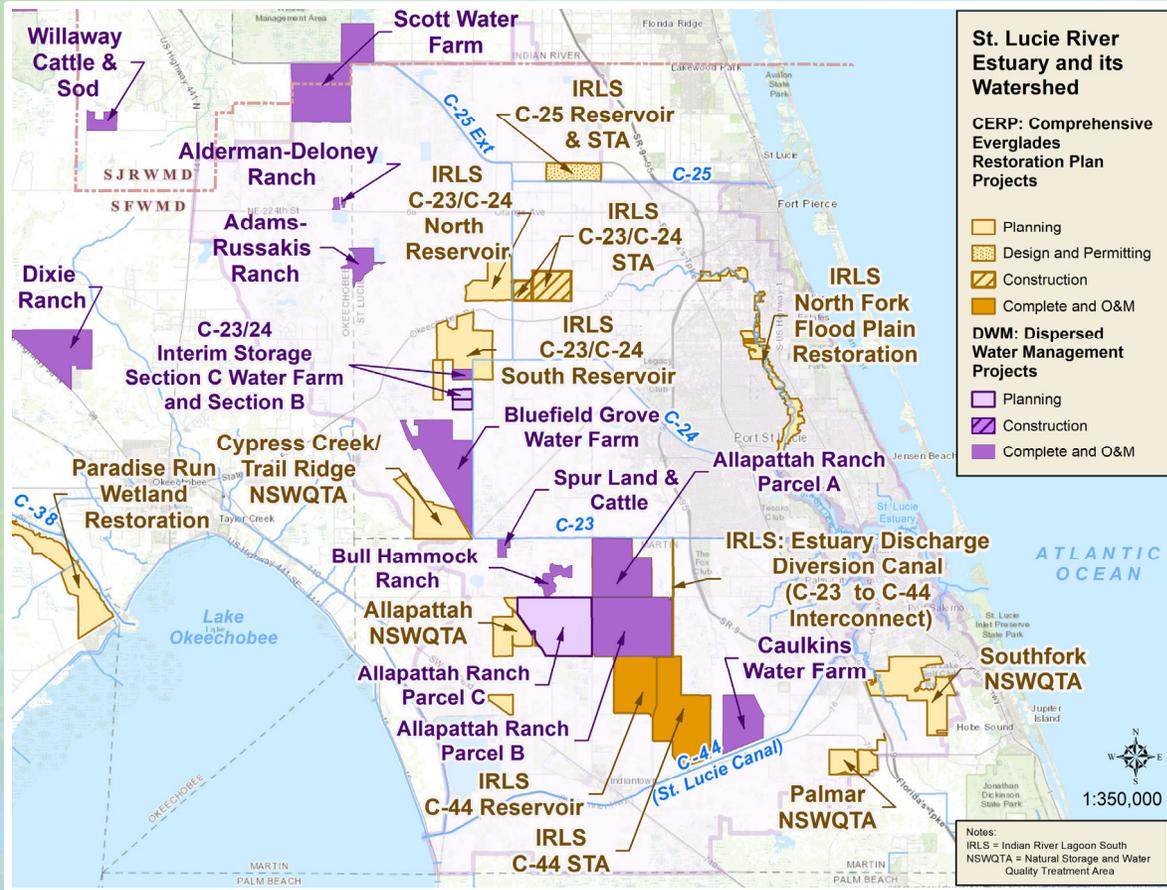
Expedite: Storage North of Lake Okeechobee

Lake Okeechobee Watershed Restoration Project

- U.S. Army Corps of Engineers missed the opportunity to submit project to Congress for 2022 authorization.
 - Corps is requiring its Engineer Research and Development Center (ERDC) to study aquifer storage and recovery (ASR) wells.
 - Corps decided to reformulate to include the Component A storage reservoir.
 - Decisions target WRDA 2026.
- **SFWMD collaborate and provide resources to expedite the Corps' additional ASR research efforts while implementing our Science Plan.**
- **District advance Component A Storage Reservoir Planning process under 203 authority similar to the EAA Reservoir.**
- **Target WRDA 2024 for all Lake Okeechobee projects!**



Expedite: Indian River Lagoon - South



South Florida Water Management District

U.S. Army Corps of Engineers

C-44 STA
Completed

C-44 Reservoir
Completed

C-25 Reservoir and STA
Break ground in 2024

C-23/C-24 STA
Planned completion in 2025

Estuary Discharge Diversion Canal

C-23/C-24 North Reservoir
Funded, break ground this year

Breaking ground in Feb. 2023

C-23/C-24 South Reservoir
SFWMD Request
Responsibility to Expedite
Construction by One Year.



Lake Okeechobee System Operating Manual (LOSOM)

Work with the U.S. Army Corps of Engineers to support a Lake Okeechobee System Operating Manual (LOSOM) that:

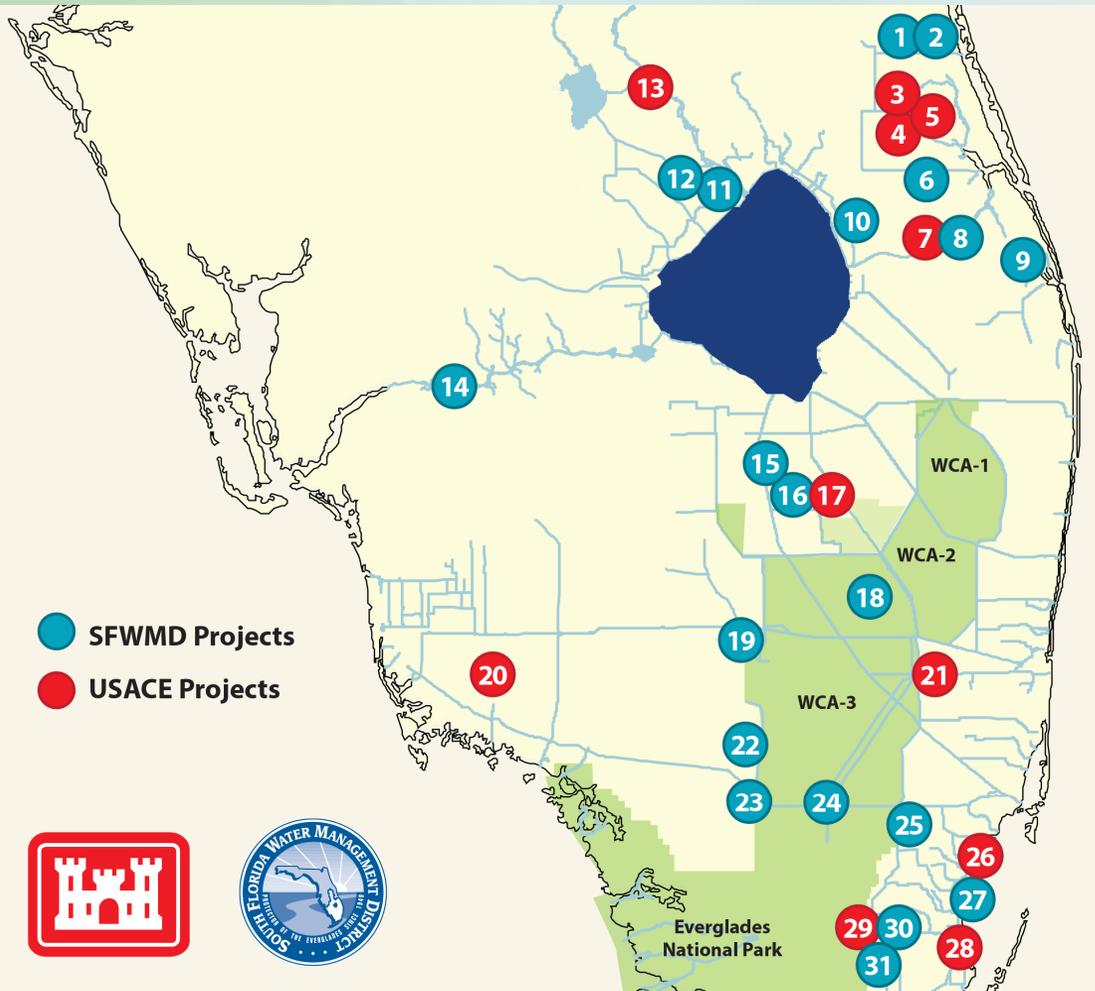
- Reduces harmful estuary discharges
- Holds more water in the lake during the wet season
- Sends more water south to benefit the environment and meet the needs of communities.

The final draft of LOSOM is expected to be released in March/April of 2023 and will be reviewed to see if District comments were addressed.



Reporting on Corps Progress

- Staff is developing a report to the Board that includes the status on Corps-led Everglades restoration projects to support project completion.



Visualizing 2nd Term Accomplishments

Prevented Harmful Discharges

More Water for People and the Environment

Healthy Estuary Salinity Conditions

More Critical Wetland Habitat

Resilient Flood Control System

- East AND west reservoirs completed
 - 230,500 acre/feet of storage
- All remaining major CERP reservoirs & ASR well program under construction
 - 800,000+ acre/feet of storage
- LOSOM reducing harmful discharges and sending more water south
 - Brand new 6,000-acre wetland treatment system
 - Clean water entering the Everglades
- Completed Tamiami Trail and seepage wall sending even more water to ENP and Florida Bay
- 155,000 acres of restored Kissimmee River AND Picayune Strand
- Completed First Major Biscayne Bay Restoration Project Suite
 - Canal discharges converted to marsh flows
- 76,500+ acres of dispersed water partnerships operational
- Three critical structures getting resiliency retrofit to address sea level rise