



South Florida Water Management District

GOVERNING BOARD MONTHLY MEETING AGENDA

March 14, 2024

9:00 AM

District Headquarters - B-1 Auditorium

3301 Gun Club Road

West Palm Beach, FL 33406

FINAL - REVISED

1. Call to Order - Chauncey Goss, Chairman, Governing Board
2. Pledge of Allegiance
3. Employee Recognitions
 - March 2024 Employee of the Month: Elizabeth Caneja, Project Manager - Lead
 - March 2024 Team of the Month: G-775 Pump Station Design and Build Team
 - 25-Year Service Award: Jennifer Krumlauf, Section Administrator - Regulatory Support
 - 40-Year Service Award: David Butler, Senior Hydrogeologist
4. Special Recognition
 - Proclamation Recognizing March as District Procurement Month
 - Awards of Excellence to Palm Beach County Science Fair Participants
5. Agenda Revisions
6. Agenda Item Abstentions by Board Members
7. Big Cypress Basin Board Report - Charlette Roman, Chair
8. Consider Approval of the Minutes for the February 8, 2024 Meeting
9. Executive Director's Report - Drew Bartlett

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. 5 L Cattle, LLC, Cattle Grazing Lease, Martin County (Staff contact, Ray Palmer)

Agenda Item Background:

Staff is seeking Governing Board authorization to amend Contract No. 4600003025-A01 to extend a cattle grazing lease on 762.02 acres located in Martin County for five years. The property is located within the Flow-way 3 Component of the Loxahatchee River Watershed Restoration Project. If approved, the Lease will extend to April 13, 2029. The Lessee is aware the Lease may terminate early based on the construction schedule. Based on the leasing policy, a lease extension on interim project lands may be authorized with the current lessee's past satisfactory performance. The Lease has a provision for termination by the District for convenience of 180 days and continued adherence to Best Management Practices. Additionally, the allowed carrying capacity of cattle on the property will continue at low density levels. The approximate annual revenue will be \$17,000.

Recommended Action:

Resolution No. 2024-0301 Authorize entering into a five-year cattle grazing lease extension with 5 L Cattle, LLC on 762.02 acres, more or less, in Martin County. (Contract No. 4600003025-A02)

[Resolution No. 2024-0301](#)
[Exhibit A Lease Map](#)

16. Release of Reservations (Staff contact, Ray Palmer)

Agenda Item Background:

The District has certain reserved rights to construct canal rights of way. 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. Applications are routed to local governments and water control districts to ascertain their potential need for the reservation. If it has been determined there is no present or future need, staff concluded that the reservations may be released for payment of a value equal to three percent (3%) 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 apparent future need for the reservations listed below, therefore staff asks the Board to consider approval of the following:

Palm Beach County

- Release District canal reservations for West Boynton Farms, Inc., a Florida corporation; James M. Alderman, and Virginia Palhof, Personal Representative of the Estate of Michael Scott Brown (File No. 18942) for 9.896 +/- acres; subject to payment of release value of \$29,787.00.

Recommended Action:

Resolution No. 2024-0302 Release District canal reservations.

[Memorandum Exhibit A](#)

[Resolution No. 2024-0302](#)

[Resolution No. 2024-0302 Exhibit A](#)

[Map](#)

17. C-43 Lawsuit Amendment (Staff contact, Maricruz R. Fincher)

Agenda Item Background:

In March 2019, the District contracted with C-43 Water Management Builders, JV (Contractor) to build the C-43 West Caloosahatchee Basin Storage Reservoir – Part 2, Hendry County, FL Project (Project). Contractor did not adhere to the contract's required schedule, which set forth a mandatory substantial completion date and final completion date. Contractor also refused to make the necessary changes to get back on schedule or prevent further delay. As a result, the District terminated Contractor for defaulting on the contract. Damages to the District resulting from the Contractor's breaches of contract include, without limitation, compensatory damages, consequential damages, damages for delay, and liquidated damages. Therefore, on May 19, 2023, the District filed a breach of contract suit against the Contractor.

The Project's Performance Bond, issued to guarantee the Contractor's performance of the contract to the District, names five co-sureties: Liberty Mutual Insurance Company; National Union Fire Insurance Company of Pittsburgh, PA; Zurich American Insurance Company; Fidelity and Deposit Company of Maryland; and Berkshire Hathaway Specialty Insurance Company (Surety). To date, the Surety has refused to meet its obligations under the Performance Bond issued for this Project.

Given this refusal, the District now seeks to amend the current lawsuit against the Contractor to include a claim against the Surety for breach of the Project's Performance Bond. This item requests the Governing Board's approval to amend this lawsuit to include a claim against the Surety.

Recommended Action:

Resolution No. 2024-0303 Approve amendment of the lawsuit styled *South Florida Water Management District v. C-43 Water Management Builders JV, The Lane Construction Corporation, and Webuild S.p.A. Inc. f/k/a Salini Impregilo S.p.A. Inc.*, Case No. 50-2023-CA-010842 to include the surety.

[Resolution No. 2024-0303](#)

18. Flight Operation Facility Project, Palm Beach County (Staff contact, Lucine Dadrian, P.E.)

Agenda Item Background:

As part of the Operations & Maintenance Capital Program, the Flight Operation Facility Project, located in Palm Beach County, will relocate our flight operations to a permanent facility on District lands. In recent years, the Flight Operations Unit (FOU) has been leasing office, workshop and hangar space at the Palm Beach International Airport from Signature Flight Support (SFS) for conducting flight operations and maintenance. The lease with SFS is scheduled to expire December 2025 and is non-renewable. An extensive investigation to find a new location has been conducted and no viable alternative facility has been found. A District owned and operated facility needs to be constructed to relocate the District aircraft and staff to continue to conduct flight operations and maintenance activities, and moving the facility to District-owned land ensures uninterrupted operations, saves in capital and future lease costs by half over 30 years, and allows the District to purchase fuel at half the price.

The FOU provides safe, efficient, and economical aircraft support for the District. Three highly experienced pilots fly 1,800 hours per year cumulatively performing the FOU support activities. Flight activities support emergency operations such as pre and post storm flights, water quality sampling, inspections of the flood control system and construction projects, regulation flights, wildlife and blue-green algae surveys, and other important District initiatives and mandates.

This Project consists of the design and construction of a new and easily accessible, permanent Flight Operations Facility located at the southwest intersection of Southern Boulevard and Flying Cow Road adjacent to Stormwater Treatment Area 1E in Wellington. It includes a hanger building sized to house four helicopters, space to support maintenance of helicopters, parts storage, and office facilities for two mechanics and four pilots. The site will include a helipad, tarmac for helicopter flight path, site security, vehicle parking and fuel facility. The facility will be built to current building code and will protect the District assets during storm events making them available for immediate deployment after the damaging winds have receded from a storm event.

The project has been procured using the design/build procurement method to allow the District to work in collaboration with the Design Builder from the conceptual phase through project completion.

Recommended Action:

Resolution No. 2024-0304 Authorize the official ranking of short-listed firms and enter into a 190-day contract for Phase I of the design/build contract for Flight Operations Facility Project, Palm Beach County, Florida subject to successful negotiations with State Contracting and Engineering Corp., for the 100% design and stipulated price proposal in an amount not to exceed \$2,000,000, of which \$1,600,000 in Ad Valorem funds are budgeted in Fiscal Year 2023-2024, and the remainder is subject to Governing Board approval of future years budgets; if negotiations are unsuccessful with State Contracting and Engineering Corp., the District will proceed with negotiations in ranked order until a contract has been successfully negotiated. (Contract No. 4600004936)

19. EAA Reservoir Construction Village Site Improvements, Palm Beach County (Staff contact, Lucine Dadrian, P.E.)

Agenda Item Background:

As part of the Central Everglades Planning Project (CEPP), the Everglades Agricultural Area (EAA) Reservoir Construction Village Site Improvements project, located in Palm Beach County, will be developed on approximately 70 acres of District-owned land. The existing Construction Village site is home for several contracts supporting construction of the EAA Reservoir and Stormwater Treatment Area. This area is scheduled to be impacted by the construction of the new Inflow/Outflow Canal connecting the Reservoir to the North New River Canal. A new Construction Village site is needed to house office trailers, vehicles, and equipment staging for at least 10 years. The purpose of this Project is to provide a suitably sized site, graded for proper drainage and made ready for construction of infrastructure to support the U.S. Army Corps of Engineers, SFWMD and future contractors. The work within this scope includes clearing of existing vegetation across the site, raising the construction village footprint to facilitate drainage, construction of access roads, culverts, and stormwater conveyance and detention system designed to maintain current discharge locations. Site improvements from this scope will support the future operations and maintenance facility with laydown storage area for the Reservoir and Stormwater Treatment Area (STA).

The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process. The bid opening for this project was on March 7, 2024.

Recommended Action:

Resolution No. 2024-0305 Authorize entering into a 307-day contract with Ryan Incorporated Southern, the lowest responsive and responsible bidder, for the construction of the CEPP EAA Reservoir Construction Village Site Improvements Project in Palm Beach County, in an amount of \$17,472,645, of which \$10,000,000 in dedicated funds (Everglades Trust Fund and Land Acquisition Trust Fund) are budgeted in Fiscal Year 2023-2024, and the remainder is subject to Governing Board approval of future years budgets. (Contract No. 4600004953)

20. Corbett Levee Phase 2, Palm Beach County (Staff contact, Lucine Dadrian, P.E.)

Agenda Item Background:

As part of the Resiliency Program, the Corbett Levee Phase 2 Project, located in Palm Beach County, will complete the construction of a levee system bordering the south end of the J.W. Corbett Wildlife Management Area (Corbett) and the north side of the Indian Trail Improvement District (ITID) M-0 Canal. In August 2012, Tropical Storm

Isaac brought unprecedented rainfall to areas of Central Palm Beach County, including communities served by ITID. This rainfall brought water levels within Corbett higher than operating ranges, which impacted the north bank of the M-0 Canal causing a flood protection concern for the local community to the south. The District provided emergency response activities to alleviate the water levels within Corbett through weir construction and redirection of flows out of Corbett and repairs of the canal bank slope that experienced sloughing and material movement.

The objective of the Corbett Levee project is to provide flood protection to the downstream community by supporting water levels within Corbett to meet its restoration of hydrologic periods and have the capacity to hold a 100-year 3-day rainfall event above Corbett's high-water stage. The District designed the levee system and completed construction of the western 3-miles in 2016. Phase 2 work includes the eastern 3-miles of levee construction, M-0 canal bank improvements, and two culvert replacements.

The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process. The bid opening for this project was on March 06, 2024.

Recommended Action:

Resolution No. 2024-0306 Authorize entering into a 570-day contract with ENCO, LLC, the lowest responsive and responsible bidder, for the Corbett Levee Phase 2 Project, in the amount of \$8,976,000, for which dedicated funds (Palm Beach County Grant and FDEP Resilient Florida Grant) are budgeted in Fiscal Year 2023-2024. (Contract No. 4600004952)

[Resolution No. 2024-0306](#)

[Location Map](#)

21. STA-2 Cell 8 Improvements Project, Palm Beach County (Staff contact, Lucine Dadrian, P.E.)

Agenda Item Background:

As part of the Stormwater Treatment Area (STA) Refurbishments Program, the STA-2 Cell 8 Improvements project, located in Palm Beach County, will implement improvements to Florida Power and Light (FPL) facilities located in FPL easements throughout the STA-2 Cell 8. The existing access roads and pads are too low and would be inundated if the STA were operated at its maximum operating stage of 11.54 ft NAVD88. Because of the inundation, the maximum stage in the STA cell has been restricted to 10.30 ft NAVD88.

Removal of this restriction will allow the District to use Flow-way 5 at its full capacity as needed to improve the efficiency of the STA in improving the timing, quantity and quality of discharges. The project includes raising the transmission line access roads and pads in the vicinity of the power poles. The existing poles will be replaced by FPL onto the new pads. All work is being performed in FPL easements throughout the STA and is consistent with FPL design standards.

The lowest responsive and responsible bidder is recommended for award. In

accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process. The bid opening for this project was on March 4, 2024.

Recommended Action:

Resolution No. 2024-0307 Authorize entering into a 210-day contract with H&R of Belle Glade, Inc., the lowest responsive and responsible bidder, for the STA-2 Cell 8 Improvements project, in the amount of \$1,715,557.24, for which dedicated funds (State Appropriations) and Ad Valorem funds are budgeted in Fiscal Year 2023-2024. (Contract No. 4600004944)

[Resolution No. 2024-0307](#)

[Location Map](#)

Discussion Agenda

22. Release of Reservations (Staff contact, Jennifer Reynolds)

A. Broward County

Agenda Item Background:

The District has certain reserved rights to construct canal and road rights of way. 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. Applications are routed to local governments and water control districts to ascertain their potential need for the reservation. If it has been determined there is no present or future need, staff concluded that the reservations may be released for payment of a value equal to three percent (3%) of the appraised value of the land on the Property Appraiser's website in the County where the property is located.

The District is also required to review canal reservations held by the Board of Trustees of the Internal Improvement Trust Fund and advise the Florida Department of Environmental Protection whether the canal reservations should be released or if there is a present or future need by the District or a local county, city or drainage district.

It has been determined that there is no present or apparent future need for the reservations listed below, therefore staff asks the Board to consider approval of the following:

- Release District canal reservations for TLH Sabra 2, LLC, a Florida limited liability company (File No. 18937-A) for 8.30 +/- acres; subject to payment of release value of \$54,233.00
- Recommend approval of release of TIITF canal reservations for TLH Sabra 2, LLC, a Florida limited liability company (File No. 18937-B) for 44.61 +/- acres; release value N/A (TIITF canal reservations)

Recommended Action:

Resolution No. 2024-0308 Release District canal reservations.

Resolution No. 2024-0309 Approve recommending release of canal reservations held by the Board of Trustees of the Internal Improvement Trust Fund.

[Memorandum Exhibit A](#)
[Resolution No. 2024-0308](#)
[Resolution No. 2024-0308 Exhibit A](#)
[Resolution No. 2024-0309](#)
[Resolution No. 2024-0309 Exhibit A](#)
[Maps](#)

B. Palm Beach County

Agenda Item Background:

The District has certain reserved rights to construct canal and road rights of way. 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. Applications are routed to local governments and water control districts to ascertain their potential need for the reservation. If it has been determined there is no present or future need, staff concluded that the reservations may be released for payment of a value equal to three percent (3%) 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 apparent future need for the reservations listed below, therefore staff asks the Board to consider approval of the following:

- Release District canal and road reservations for RD Wellington Stables – Lot 1, LLC, a Florida limited liability company (File No. 18938) for 10.0 +/- acres; subject to payment of release value of \$64,420.00
- Release District canal and road reservations for RD Wellington Stables – Lot 2, LLC, a Florida limited liability company (File No. 18939) for 10.0 +/- acres; subject to payment of release value of \$75,611.00
- Release District canal and road reservations for RD Wellington Stables – Lot 3, LLC, a Florida limited liability company (File No. 18940) for 20.0 +/- acres; subject to payment of release value of \$151,448.00

Recommended Action:

Resolution No. 2024-0310 Release District canal and road reservations.

[Memorandum Exhibit A](#)
[Resolution No. 2024-0310](#)
[Resolution No. 2024-0310 Exhibit A](#)
[Maps](#)

Technical Reports

23. Water and Ecological Conditions Report - John P. Mitnik and Lawrence Glenn

Staff Reports

24. Monthly Financial Report - Candida Heater, Division Director - Administrative Services
 - Fiscal Year 2022-2023 Disposition of Fixed Assets
25. General Counsel's Report - Maricruz R. Fincher, General Counsel
26. General Public Comment
27. Board Comment
28. Adjourn

Final Presentations and Project Updates

Agenda Item Background:

[22 Reynolds Release of Reservations](#)

[23 Mitnik Glenn Water and Ecological Conditions Report](#)

[CERP Project Update](#)

[NEEPP Project Update](#)

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: Ray Palmer, Real Estate

DATE: March 14, 2024

SUBJECT: 5 L Cattle, LLC, Cattle Grazing Lease, Martin County

Agenda Item Background:

Staff is seeking Governing Board authorization to amend Contract No. 4600003025-A01 to extend a cattle grazing lease on 762.02 acres located in Martin County for five years. The property is located within the Flow-way 3 Component of the Loxahatchee River Watershed Restoration Project. If approved, the Lease will extend to April 13, 2029. The Lessee is aware the Lease may terminate early based on the construction schedule. Based on the leasing policy, a lease extension on interim project lands may be authorized with the current lessee's past satisfactory performance. The Lease has a provision for termination by the District for convenience of 180 days and continued adherence to Best Management Practices. Additionally, the allowed carrying capacity of cattle on the property will continue at low density levels. The approximate annual revenue will be \$17,000.

Additional Item Background:

The District acquired the property in January 2003 to provide hydrologic connections between JW Corbett Wildlife Management Area, the Moss Property, C-18 Canal, Indian Trail Improvement District, and the L-8 Borrow Canal. 5 L Cattle, LLC, has leased this property since April 2014. This Lease is set to expire on April 13, 2024. All leased lands are inspected on a semi-annual basis and the annual rent is based on the cattle grazing formula.

Core Mission and Strategic Priorities:

The objective of this Lease is to obtain assistance in the stewardship and maintenance of this land. The revenues generated from this Lease will assist Land Stewardship in managing this and other District-owned lands.

Funding Source:

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 \$85,000 over the five-year term.

Staff Contact and/or Presenter:

Ray Palmer, rpalmer@sfwmd.gov, 561-682-2246

ATTACHMENTS:

[Resolution No. 2024-0301](#)

[Exhibit A Lease Map](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

RESOLUTION NO. 2024 - 03XX

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a five-year cattle grazing lease extension with 5 L Cattle, LLC on 762.02 acres, more or less, in Martin County as more particularly described herein; providing an effective date. (Contract No. 4600003025-A02)

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 Lease Contract No. 4600003025-A02, Lease Encumbrance ID HB10E-004, for five years; and

WHEREAS, the Lessee's main use of the Premises is cattle grazing, which will assist in the stewardship of the property; and

WHEREAS, the Governing Board of the South Florida Water Management District deems it appropriate and in the public interest to authorize the five-year extension for cattle grazing with 5 L Cattle, LLC on 762.02 acres, more or less, in Martin County, see Exhibit "A", with five-year anticipated revenue in the amount of \$85,000.

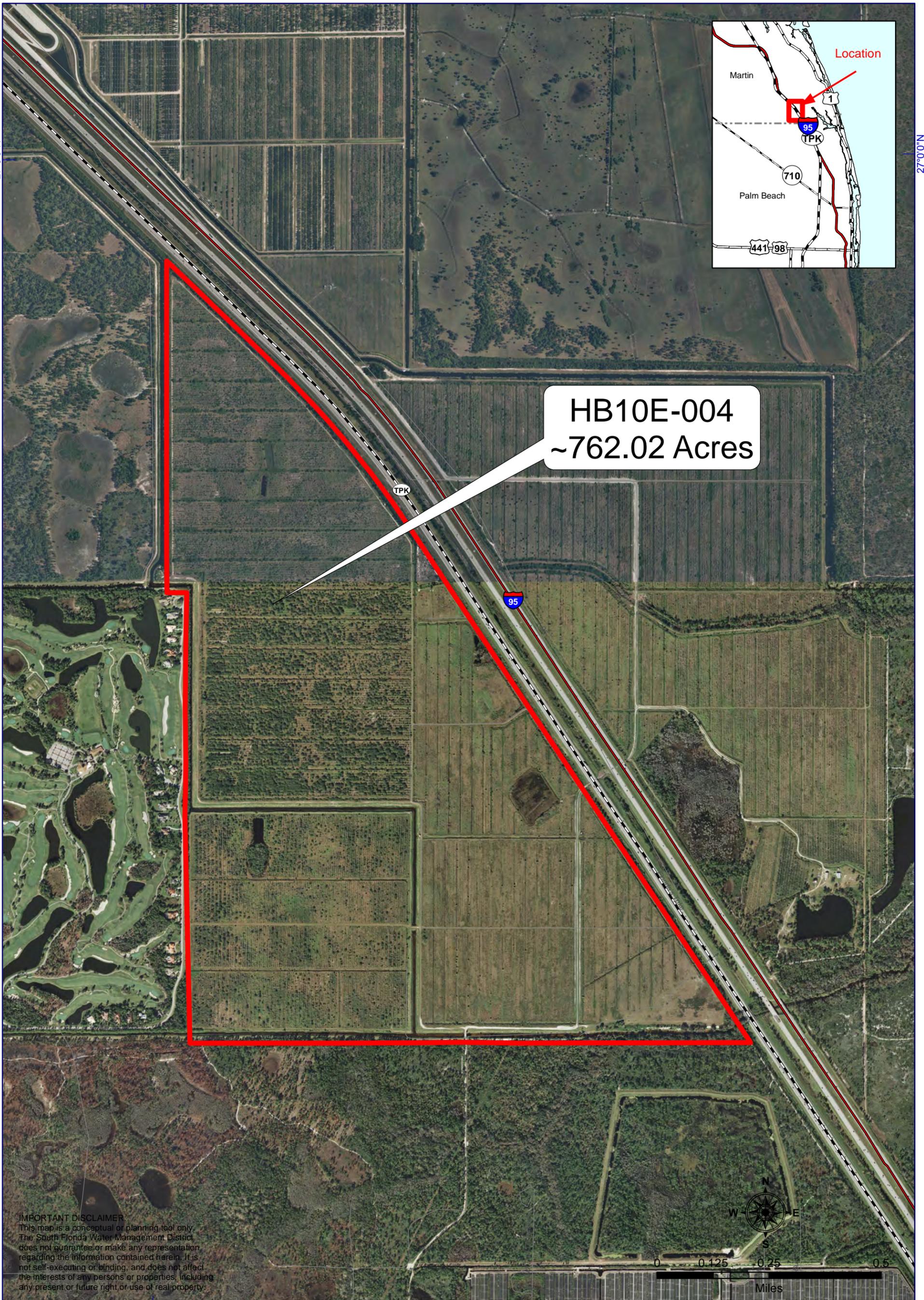
NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby authorizes entering into a five-year cattle grazing lease with 5 L Cattle, LLC on approximately 762.02 acres, in Martin County.

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

PASSED and ADOPTED this 14th day of March, 2024.

EXHIBIT "A"



HB10E-004
~762.02 Acres

IMPORTANT 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.



sfwmd.gov

South Florida Water Management District
3301 Gun Club Road, West Palm Beach, Florida 33406
561-686-8800 - FL WATS 1-800-432-2045 - www.sfwmd.gov
MAILING ADDRESS: P.O. Box 24680 - West Palm Beach, FL 33416-4680

HB10E-004
Township 40
Range 41 and 42
Martin County

UPDATED
24-APR-2014



MEMORANDUM

TO: Governing Board Members
FROM: Ray Palmer, Real Estate
DATE: March 14, 2024
SUBJECT: Release of Reservations

Agenda Item Background:

The District has certain reserved rights to construct canal rights of way. 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. Applications are routed to local governments and water control districts to ascertain their potential need for the reservation. If it has been determined there is no present or future need, staff concluded that the reservations may be released for payment of a value equal to three percent (3%) 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 apparent future need for the reservations listed below, therefore staff asks the Board to consider approval of the following:

Palm Beach County

- Release District canal reservations for West Boynton Farms, Inc., a Florida corporation; James M. Alderman, and Virginia Palhof, Personal Representative of the Estate of Michael Scott Brown (File No. 18942) for 9.896 +/- acres; subject to payment of release value of \$29,787.00.

Additional Item Background:

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

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

Staff Contact and/or Presenter:

Ray Palmer, rpalmer@sfwmd.gov, 561-682-2246

ATTACHMENTS:

[Memorandum Exhibit A](#)

[Resolution No. 2024-0302](#)

Resolution No. 2024-0302 Exhibit A

Map

MEMORANDUM – EXHIBIT “A”

Palm Beach County

File No.: 18942
Applicants: West Boynton Farms, Inc., a Florida corporation; James M. Alderman, and Virginia Palhof, Personal Representative of the Estate of Michael Scott Brown
Reserving Deeds: T-4385 (Deed Book 357, page 516, dated 3/31/1926) and T-4473 (Deed Book 422, page 105, dated 3/31/1926)
Application Fee Paid: \$250.00
Release Value: \$29,787.00 (unpaid)
Action: Release District canal reservations, subject to payment of \$29,787.00 for release of District real property interests
Acres: 9.896 acres, more or less
Legal Description: Portion of Tract G, LIPTON PLAT, PB 104-52, Section 12, Township 45 South, Range 41 East
Location: Vacant land West of State Road 7, Lake Worth, Palm Beach County
Reviewed By: Field Operations Division; Water Supply Development Section; Right of Way Section; Environmental Resource Permitting Bureau; Ecosystem Restoration Division; Engineering, Construction and Modeling Division; District Resiliency, and Lake Worth Drainage District

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 – XXXX

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

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

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

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

Section 1. The Governing Board of the South Florida Water Management District hereby approves the release of District canal 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 14th day of March, 2024.

RESOLUTION – EXHIBIT “A”

Palm Beach County

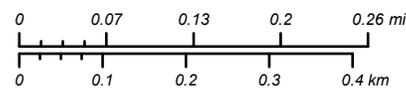
File No.: 18942
Applicant: West Boynton Farms, Inc., a Florida corporation; James M. Alderman, and Virginia Palhof, Personal Representative of the Estate of Michael Scott Brown
Reserving Deeds: T-4385 (Deed Book 357, page 516, dated 3/31/1926) and T-4473 (Deed Book 422, page 105, dated 3/31/1926)
Release Value: \$29,787.00 (unpaid)
Action: Release District canal reservations, subject to payment of \$29,787.00 for release of District real property interests
Acres: 9.896 acres, more or less
Legal Description: Portion of Tract G, LIPTON PLAT, PB 104-52, Section 12, Township 45 South, Range 41 East
Location: Vacant land West of State Road 7, Lake Worth, Palm Beach County



18942 - 9.896 acres



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 that was created using a South Florida Water Management District (SFWM) publicly accessible web application, which allows any user to add information, graphics, and other markings, the accuracy of which has not been verified by the SFWM. 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 Statutes.

MEMORANDUM

TO: Governing Board Members

FROM: Maricruz R. Fincher, Office of Counsel

DATE: March 14, 2024

SUBJECT: C-43 Lawsuit Amendment

Agenda Item Background:

In March 2019, the District contracted with C-43 Water Management Builders, JV (Contractor) to build the C-43 West Caloosahatchee Basin Storage Reservoir – Part 2, Hendry County, FL Project (Project). Contractor did not adhere to the contract's required schedule, which set forth a mandatory substantial completion date and final completion date. Contractor also refused to make the necessary changes to get back on schedule or prevent further delay. As a result, the District terminated Contractor for defaulting on the contract. Damages to the District resulting from the Contractor's breaches of contract include, without limitation, compensatory damages, consequential damages, damages for delay, and liquidated damages. Therefore, on May 19, 2023, the District filed a breach of contract suit against the Contractor.

The Project's Performance Bond, issued to guarantee the Contractor's performance of the contract to the District, names five co-sureties: Liberty Mutual Insurance Company; National Union Fire Insurance Company of Pittsburgh, PA; Zurich American Insurance Company; Fidelity and Deposit Company of Maryland; and Berkshire Hathaway Specialty Insurance Company (Surety). To date, the Surety has refused to meet its obligations under the Performance Bond issued for this Project.

Given this refusal, the District now seeks to amend the current lawsuit against the Contractor to include a claim against the Surety for breach of the Project's Performance Bond. This item requests the Governing Board's approval to amend this lawsuit to include a claim against the Surety.

Staff Contact and/or Presenter:

Maricruz R. Fincher, mfincher@sfwmd.gov, 561-682-6457

ATTACHMENTS:

[Resolution No. 2024-0303](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 - 03XX

A Resolution of the Governing Board of the South Florida Water Management District Governing Board approving amendment of the lawsuit styled *South Florida Water Management District v. C-43 Water Management Builders JV, The Lane Construction Corporation, and Webuild S.p.A. Inc. f/k/a Salini Impregilo S.p.A. Inc.*, Case No. 50-2023-CA-010842 to include the surety.

WHEREAS, in March 2019, the District contracted with C-43 Water Management Builders, JV (“Contractor”) to build the C-43 West Caloosahatchee Basin Storage Reservoir – Part 2, Hendry County, FL Project (“Project”); and

WHEREAS, Contractor did not adhere to the contract’s required schedule, which set forth a mandatory substantial completion date and final completion date, and Contractor also refused to make the necessary changes to get back on schedule or prevent further delay; and

WHEREAS, as a result, the District terminated Contractor for defaulting on the contract; and

WHEREAS, damages to the District resulting from this breach of contract include, without limitation, compensatory damages, consequential damages, damages for delay, and liquidated damages; and

WHEREAS, on May 19, 2023, the District filed a breach of contract suit against the Contractor styled *South Florida Water Management District v. C-43 Water Management Builders JV, The Lane Construction Corporation, and Webuild S.p.A., Inc. f/k/a Salini Impregilo S.p.A. Inc.*, Case No. 50-2023-CA-010842; and

WHEREAS, the Project’s Performance Bond, issued to guarantee the Contractor’s performance of the contract to the District, names five co-sureties: Liberty Mutual Insurance Company; National Union Fire Insurance Company of Pittsburgh, PA; Zurich American Insurance Company; Fidelity and Deposit Company of Maryland; and Berkshire Hathaway Specialty Insurance Company (“Surety”); and

WHEREAS, to date, the Surety has refused to meet its obligations under the Performance Bond issued for this Project, **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 amendment of the lawsuit styled *South Florida Water Management District v. C-43 Water Management Builders JV, The Lane Construction Corporation, and Webuild S.p.A. Inc. f/k/a Salini Impregilo*

S.p.A. Inc., Case No. 50-2023-CA-010842 (Fla. 15th Cir. Ct.) to include a claim for breach of the Project's Performance Bond against the Surety.

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

PASSED and **ADOPTED** this 14th day of March, 2024.

MEMORANDUM

TO: Governing Board Members

FROM: Lucine Dadrian, P.E., Engineering, Construction & Modeling

DATE: March 14, 2024

SUBJECT: Flight Operation Facility Project, Palm Beach County

Agenda Item Background:

As part of the Operations & Maintenance Capital Program, the Flight Operation Facility Project, located in Palm Beach County, will relocate our flight operations to a permanent facility on District lands. In recent years, the Flight Operations Unit (FOU) has been leasing office, workshop and hangar space at the Palm Beach International Airport from Signature Flight Support (SFS) for conducting flight operations and maintenance. The lease with SFS is scheduled to expire December 2025 and is non-renewable. An extensive investigation to find a new location has been conducted and no viable alternative facility has been found. A District owned and operated facility needs to be constructed to relocate the District aircraft and staff to continue to conduct flight operations and maintenance activities, and moving the facility to District-owned land ensures uninterrupted operations, saves in capital and future lease costs by half over 30 years, and allows the District to purchase fuel at half the price.

The FOU provides safe, efficient, and economical aircraft support for the District. Three highly experienced pilots fly 1,800 hours per year cumulatively performing the FOU support activities. Flight activities support emergency operations such as pre and post storm flights, water quality sampling, inspections of the flood control system and construction projects, regulation flights, wildlife and blue-green algae surveys, and other important District initiatives and mandates.

This Project consists of the design and construction of a new and easily accessible, permanent Flight Operations Facility located at the southwest intersection of Southern Boulevard and Flying Cow Road adjacent to Stormwater Treatment Area 1E in Wellington. It includes a hanger building sized to house four helicopters, space to support maintenance of helicopters, parts storage, and office facilities for two mechanics and four pilots. The site will include a helipad, tarmac for helicopter flight path, site security, vehicle parking and fuel facility. The facility will be built to current building code and will protect the District assets during storm events making them available for immediate deployment after the damaging winds have receded from a storm event.

The project has been procured using the design/build procurement method to allow the District to work in collaboration with the Design Builder from the conceptual phase through project completion.

Additional Item Background:

Core Mission and Strategic Priorities:

The project supports the District's missions of ecosystem restoration, water quality, water supply, emergency management and flood control.

Funding Source:

The Flight Operations Facility Project will be funded through Ad Valorem funds.

Staff Contact and/or Presenter:

Lucine Dadrian, P.E., ldadrian@sfwmd.gov, 561-682-2685

ATTACHMENTS:

[Resolution No. 2024-0304](#)

[Location Map](#)

[Summary](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 - 0304

A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 190-day contract for Phase I of the design/build contract for Flight Operations Facility Project, Palm Beach County, Florida subject to successful negotiations with State Contracting and Engineering Corp., for the 100% design and stipulated price proposal in an amount not to exceed \$2,000,000, of which \$1,600,000 in Ad Valorem funds are budgeted in Fiscal Year 2023-2024, and the remainder is subject to Governing Board approval of future years budgets; if negotiations are unsuccessful with State Contracting and Engineering Corp., the District will proceed with negotiations in ranked order until a contract has been successfully negotiated, providing an effective date. (Contract No. 4600004936)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to enter into a 190-day contract with State Contracting and Engineering Corp. for the Phase I of the design/build contract for the Flight Operations Facility Project.

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 official ranking of the short-listed firms and entering into a 190-day contract for Phase I of the design/build contract for the Flight Operations Facility Project, subject to successful negotiations with State Contracting and Engineering Corp., for the 100% design and the stipulated price proposal for the Flight Operations Facility Project, in an amount not to exceed \$2,000,000, of which \$1,600,000 in Ad Valorem funds are budgeted in Fiscal Year 2023-2024, and the remainder is subject to Governing Board approval of future years budgets; if negotiations are unsuccessful with State Contracting and Engineering Corp., the District will proceed with negotiations in ranked order until a contract has been successfully negotiated. (Contract No. 4600004936)

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

This space intentionally left blank.

Resolution No. 2024 - 0304

PASSED and **ADOPTED** this 14th day of March, 2024.

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

Chauncey P. Goss, II
Chairman

Attest:

Legal form approved:
By:

District Clerk/Secretary

Office of Counsel

Print name:

Flight Operations Facility Project Location Map



SOQ/RFP 6000001483

Design/Build for the Flight Operations Facility Project, Palm Beach County, Florida

This solicitation was issued subject to the legal requirements established under the Consultants’ Competitive Negotiation Act, Section 287.055, Florida Statutes

Evaluation Committee Members:

- Terry Jones, Chief Pilot, Field Operations
- Gregory Nolte, Lead Engineer/Construction Manager, Engineering & Construction Bureau
- Anthony Rosato, Principal Engineer/Construction Manager, Engineering & Construction Bureau
- Albert Cantelo, Engineer/Construction Manager, Infrastructure Management Bureau
- Rosalyn Ellington, Senior Engineer/Construction Manager, Engineering & Construction Bureau

Timeline:

- Solicitation Issue Date November 3, 2023
- Pre-Solicitation Conference November 13, 2023
- Response Submission Due December 7, 2023
- Evaluation Committee Meetings – **Publicly Noticed:**
 1. Shortlist Determined - Qualifications Package; and Project Approach Package released to Committee for evaluation January 3, 2024
 2. Meeting to discuss questions for Presentations January 8, 2024
- Oral Presentations and Interviews - Recorded January 17, 2024

Respondents: Five (5) firms submitted a proposal

- Clear Span Structures, LLC
- Johnson-Laux Construction, LLC
- State Contracting & Engineering Corp.
- Robling Architecture Construction, Inc.
- Rycon Construction, Inc. (Determined Non-Responsible. Did not meet 25% SBE requirement.)

Evaluation Process: Two (2) separate and sealed packages consisting of the following: 1) Qualification Package, and 2) Project Approach Package were submitted at the same time for evaluation.

- Step 1 – Open the Qualifications Package. Project Approach Package will remain sealed.
- Step 2 – Determine if Responsiveness and Responsibility Requirements are met.
- Step 3 – Verify references for a minimum of three (3) representative projects, international projects not allowed.
- Step 4 – Score Qualifications Package. Procurement scores Safety Record, Location Consideration and Volume of Previous District Work. The Evaluation Committee individually scores Key Personnel and Organization.
- Step 5 – Rank respondents based upon the Qualifications Package scores.
- Step 6 – Determine Shortlist to proceed with the Project Approach Package.
- Step 7 – Evaluation Committee interviews and individually scores shortlisted respondents. Qualification Package scores will be combined with Project Approach scores.

- Step 8 – District Governing Board authorizes the official ranking of the shortlisted respondents for the District to begin contract negotiations.

Shortlisted for Oral Presentation: Four (4) firms

- Robling Architecture Construction, Inc. (Withdrew proposal prior to the Presentation due to conflicting timelines with their current workload.)
- Clear Span Structures, LLC**
- Johnson-Laux Construction, LLC**
- State Contracting & Engineering Corp.***

** New firms – no previous District contracts

***Current District work \$14,768,972.43

Comparative Evaluation Criteria:

The Evaluation Committee will evaluate and rank the responsive Responses that satisfy the responsibility requirements by applying the weighted comparative evaluation criteria set forth below. The total number of points that will be used in evaluating all the factors for this Response is 100, allocated as illustrated in the following table.

Criteria	Maximum Score Possible	Weight Assigned	Maximum Points Possible
Qualifications Package			
Project Team			
Key Personnel	5	3	15
Respondent’s Project Organization	5	1	5
Experience			
Representative Projects	5	4	20
Volume of Previous District Work	5	N/A	5
Location Consideration	5	N/A	5
Safety Record	10	N/A	10
SUBTOTAL POSSIBLE POINTS (QUALIFICATIONS PACKAGE)			60
Project Approach Package			
Project Approach	5	4	20
Interview	5	4	20
SUBTOTAL POSSIBLE POINTS (PROJECT APPROACH PACKAGE)			40
TOTAL POSSIBLE POINTS			100

Evaluation of Technical Criteria

The following numerical ratings and descriptions will be used by each individual Evaluation Committee Member to determine the numerical score (0 to 5) that will be placed before the weight (1, 2,3, or 4) that has been assigned for each evaluation factor. The numbers will be multiplied to reach the actual weighted score for each item evaluated. Evaluation standards are set forth as follows.

TECHNICAL CRITERIA EVALUATION TABLE	
Numerical Score	Level that Response Demonstrates Ability of Respondent to Meet or Exceed the Performance and Technical Requirements of Project
5	Excellent
4	Very Good

3	Good
2	Satisfactory
1	Marginal
0	Unsatisfactory

Evaluation of Volume of Previous District Work

The District's Procurement Department will determine the Volume of Previous District Work scores based upon the Respondent's volume of previous work for the District and the Volume of Previous District Work Evaluation Point Table shown below. For Respondents that are a general partnership, joint venture, or consortium, the total of previous work performed by all general partnership, joint venture, or consortium members will be used to determine the Respondent's score (see example below).

<u>VOLUME OF PREVIOUS DISTRICT WORK EVALUATION POINT TABLE</u>	
Total Dollar Amount Paid under Previous Contracts (including Purchase Orders and Work Orders) During the Past 3 Years	Numerical Score
\$0 – \$5,000,000	5
\$5,000,001 – \$10,000,000	4
\$10,000,001 – \$15,000,000	3
\$15,000,001 – \$20,000,000	2
\$20,000,001 – \$25,000,000	1
Over \$25,000,000	0

Example calculation:

Respondent Joint Venture Team Member #1:
 Previous District Work during last 3 years: \$10,000,500

Respondent Joint Venture Member #2:
 Previous District Work during last 3 years: \$3,750,000

Total Previous District Work of Respondent = \$10,000,500 + \$3,750,000 = \$13,750,50000

Total Score (from Table): 3

6.4.3 Evaluation of Location Consideration

The District’s Procurement Department will determine the Location Consideration scores based upon the location of the Respondent’s office(s) and the Location Consideration Point Table shown below.

<u>LOCATION CONSIDERATION</u>	
<u>POINT TABLE</u>	
Location*	Numerical Score
Office(s) within 50 miles radius of Project Site	5
Office(s) within 100 miles radius of Project Site	4
Office(s) within 150 miles radius of Project Site	3
Office(s) within 200 miles radius of Project Site	2
Office(s) within 250 miles radius of Project Site	1
Office(s) within 250+ miles radius of Project Site	0

* Miles radius shall be defined as the straight line distance within the contiguous United States

6.4.4 Evaluation of Safety Record

The District’s Procurement Department will determine the Safety Record scores based upon the documentation provided by Respondent and the Safety Record Point Table shown below.

<u>SAFETY RECORD</u>	
<u>POINT TABLE</u>	
EMR	Numerical Score
< 0.50	10
0.50 < and < 0.80	8
0.80 < and < 1.10	6
1.10 < and < 1.40	4
1.40 < and < 1.70	2
> 1.70	0

An average of the Experience Modification Ratio (EMR) values from the Lead Constructor for the past five (5) years will be calculated by the District’s Procurement Department based upon the information provided by the Respondent; the average EMR will be used to assign the numerical score for safety record (see example calculation below).

Example calculation:

Lead Constructor’s Reported EMR Values: EMR (2018) = 0.70; EMR (2019) = 0.75; EMR (2020) = 1.00; EMR (2021) = 0.81; EMR (2022) = 0.70

Average EMR (calculated) = 0.79 (rounded to nearest two decimals)

Score (from table): 8 points

✓ CS Score (out of: 20)

Vendor	Work	Location	Safety	Total
🏆 CLEAR SPAN STRUCTURES LLC	5	5	6	16
JOHNSON LAUX CONSTRCTN LLC	5	4	6	15
🏆 ROBLING ARCHITECTURE CONSTRCTN INC	5	5	6	16
STATE CONTRACTING & ENGRG CORP	3	5	6	14

Scoring & Final Ranking Report for RFP 6000001483

Vendor	tejones P1/CS/P2/OS/T/R	gnolte P1/CS/P2/OS/T/R	arosato P1/CS/P2/OS/T/R	acantelo P1/CS/P2/OS/T/R	relling P1/CS/P2/OS/T/R	Raw Score	Raw Rank	Final Rank
STATE CONTRACTING & ENGRG CORP	32 / 14 / 20 / 20 / 86 / 1	40 / 14 / 16 / 8 / 78 / 2	33 / 14 / 16 / 20 / 83 / 1	21 / 14 / 12 / 16 / 63 / 3	40 / 14 / 20 / 20 / 94 / 1	404	8	1
JOHNSON LAUX CONSTRCTN LLC	32 / 15 / 8 / 12 / 67 / 3	40 / 15 / 16 / 12 / 83 / 1	32 / 15 / 12 / 16 / 75 / 2	37 / 15 / 20 / 8 / 80 / 1	36 / 15 / 16 / 12 / 79 / 2	384	9	2
CLEAR SPAN STRUCTURES LLC	28 / 16 / 20 / 20 / 84 / 2	31 / 16 / 8 / 20 / 75 / 3	29 / 16 / 12 / 16 / 73 / 3	28 / 16 / 12 / 20 / 76 / 2	32 / 16 / 8 / 8 / 64 / 3	372	13	3

SCORING LEGEND: P1: Package 1 / CS: CS Score / P2: Package 2 / OS: Orals Score / T: Total Score / R: Rank

MEMORANDUM

TO: Governing Board Members

FROM: Lucine Dadrian, P.E., Engineering, Construction & Modeling

DATE: March 14, 2024

SUBJECT: EAA Reservoir Construction Village Site Improvements, Palm Beach County

Agenda Item Background:

As part of the Central Everglades Planning Project (CEPP), the Everglades Agricultural Area (EAA) Reservoir Construction Village Site Improvements project, located in Palm Beach County, will be developed on approximately 70 acres of District-owned land. The existing Construction Village site is home for several contracts supporting construction of the EAA Reservoir and Stormwater Treatment Area. This area is scheduled to be impacted by the construction of the new Inflow/Outflow Canal connecting the Reservoir to the North New River Canal. A new Construction Village site is needed to house office trailers, vehicles, and equipment staging for at least 10 years. The purpose of this Project is to provide a suitably sized site, graded for proper drainage and made ready for construction of infrastructure to support the U.S. Army Corps of Engineers, SFWMD and future contractors. The work within this scope includes clearing of existing vegetation across the site, raising the construction village footprint to facilitate drainage, construction of access roads, culverts, and stormwater conveyance and detention system designed to maintain current discharge locations. Site improvements from this scope will support the future operations and maintenance facility with laydown storage area for the Reservoir and Stormwater Treatment Area (STA).

The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process. The bid opening for this project was on March 7, 2024.

Additional Item Background:

Core Mission and Strategic Priorities:

The Construction Village Site Improvements project supports the District's core missions of flood control, water supply, and ecosystem restorations.

Funding Source:

The EAA Reservoir Construction Village Site Improvements project will be funded through dedicated funds (Everglades Trust Fund and Land Acquisition Trust Fund)

Staff Contact and/or Presenter:

Lucine Dadrian, P.E., ldadrian@sfwmd.gov, 561-682-2685

ATTACHMENTS:

[Resolution No. 2024-0305](#)

Location Map

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 - 03XX

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a 307-day contract with Ryan Incorporated Southern, the lowest responsive and responsible bidder, for the construction of the CEPP EAA Reservoir Construction Village Site Improvements Project in Palm Beach County, in an amount of \$17,472,645, of which \$10,000,000 in dedicated funds (Everglades Trust Fund and Land Acquisition Trust Fund) are budgeted in Fiscal Year 2023-2024, and the remainder is subject to Governing Board approval of future years budgets, providing an effective date. (Contract No. 4600004953)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to enter into a 307-day contract with Ryan Incorporated Southern, for the construction of the CEPP EAA Reservoir Construction Village Site Improvements in Palm Beach County, in an amount of \$17,472,645.

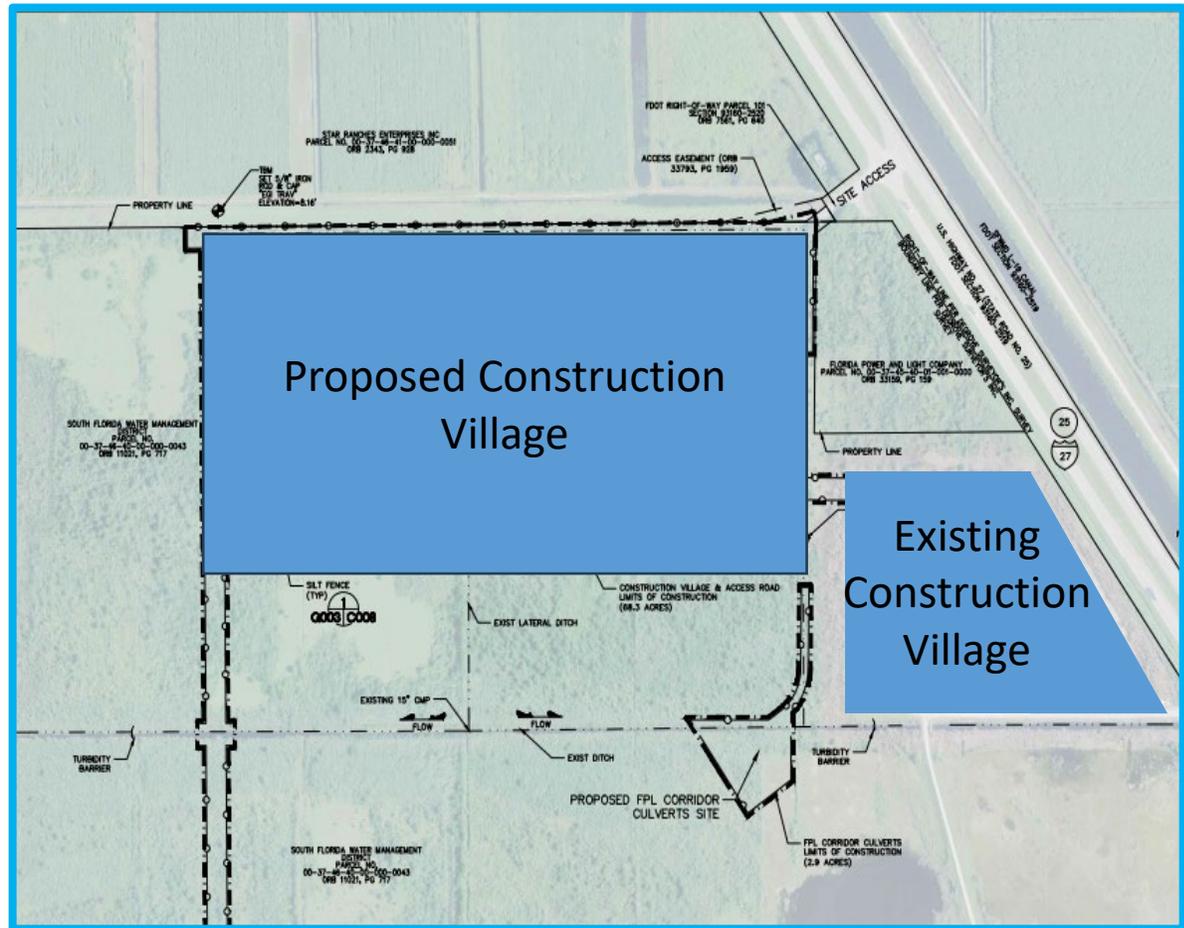
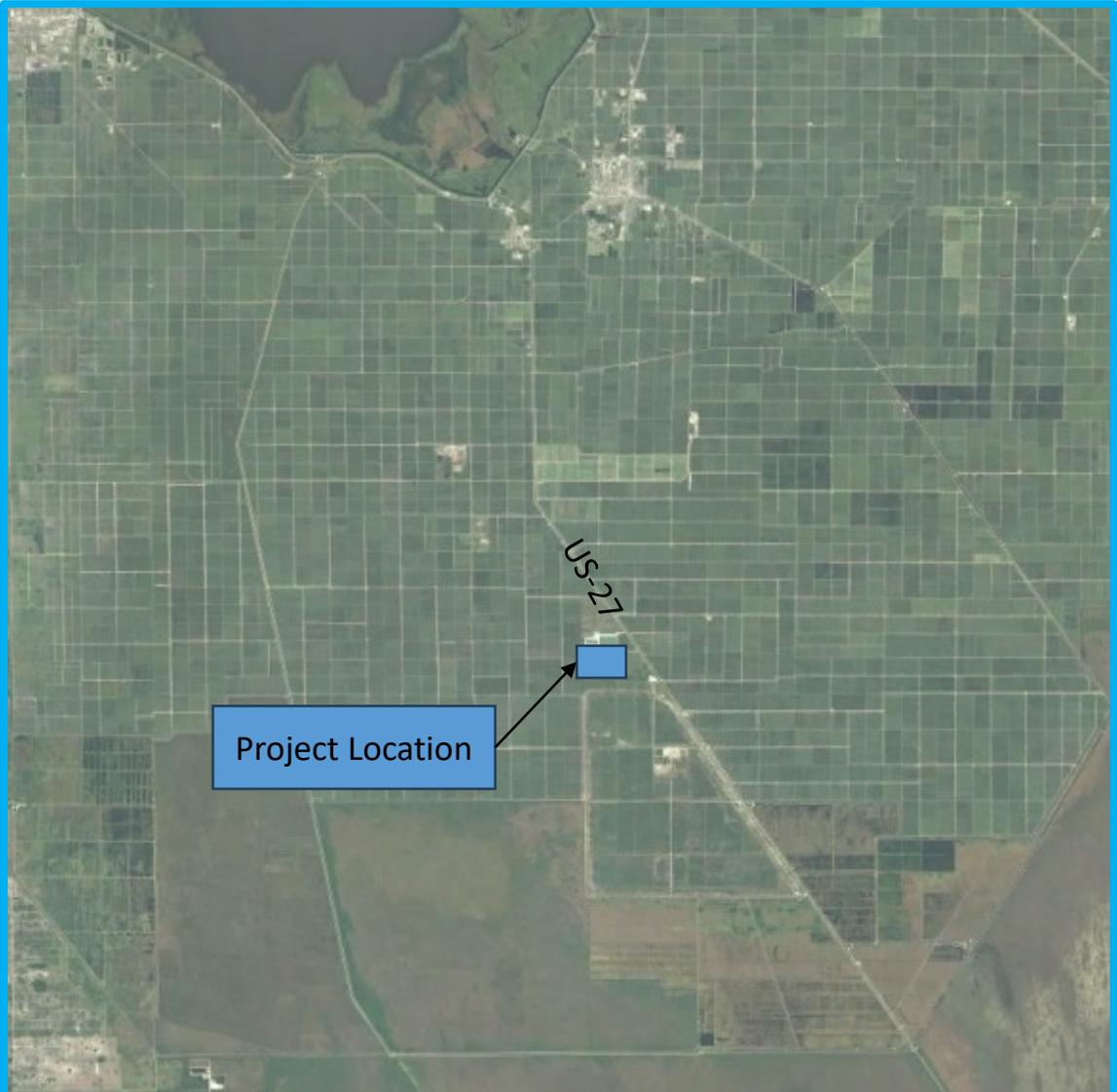
NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby authorizes entering into a 307-day contract with Ryan Incorporated Southern, the lowest responsive and responsible bidder, for the construction of the CEPP EAA Reservoir Construction Village Site Improvements project in Palm Beach County, in an amount of \$17,472,645 of which \$10,000,000 in dedicated funds (Everglades Trust Fund and Land Acquisition Trust Fund) are budgeted in Fiscal Year 2023-2024, and the remainder is subject to Governing Board approval of future years budgets.(Contract No.4600004953).

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

PASSED and ADOPTED this 14th day of March, 2024.

Location Map



MEMORANDUM

TO: Governing Board Members

FROM: Lucine Dadrian, P.E., Engineering, Construction & Modeling

DATE: March 14, 2024

SUBJECT: Corbett Levee Phase 2, Palm Beach County

Agenda Item Background:

As part of the Resiliency Program, the Corbett Levee Phase 2 Project, located in Palm Beach County, will complete the construction of a levee system bordering the south end of the J.W. Corbett Wildlife Management Area (Corbett) and the north side of the Indian Trail Improvement District (ITID) M-0 Canal. In August 2012, Tropical Storm Isaac brought unprecedented rainfall to areas of Central Palm Beach County, including communities served by ITID. This rainfall brought water levels within Corbett higher than operating ranges, which impacted the north bank of the M-0 Canal causing a flood protection concern for the local community to the south. The District provided emergency response activities to alleviate the water levels within Corbett through weir construction and redirection of flows out of Corbett and repairs of the canal bank slope that experienced sloughing and material movement.

The objective of the Corbett Levee project is to provide flood protection to the downstream community by supporting water levels within Corbett to meet its restoration of hydrologic periods and have the capacity to hold a 100-year 3-day rainfall event above Corbett's high-water stage. The District designed the levee system and completed construction of the western 3-miles in 2016. Phase 2 work includes the eastern 3-miles of levee construction, M-0 canal bank improvements, and two culvert replacements.

The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process. The bid opening for this project was on March 06, 2024.

Additional Item Background:

Core Mission and Strategic Priorities:

This project supports the District's core missions of flood control, water quality, and ecosystem restoration.

Funding Source:

Dedicated funding is provided by FDEP Resilient Florida Grant and Palm Beach County Grant.

Staff Contact and/or Presenter:

Lucine Dadrian, ldadrian@sfwmd.gov, 561-682-2685

ATTACHMENTS:

Resolution No. 2024-0306

Location Map

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 - XXXX

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a 570-day contract with ENCO, LLC, the lowest responsive and responsible bidder, for the Corbett Levee Phase 2 Project, in the amount of \$8,976,000, for which dedicated funds (Palm Beach County Grant and FDEP Resilient Florida Grant) are budgeted in Fiscal Year 2023-2024, providing an effective date. (Contract No. 4600004952)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to enter into a 570-day contract with ENCO, LLC, for the Corbett Levee Phase 2 project, in the amount of \$8,976,000.

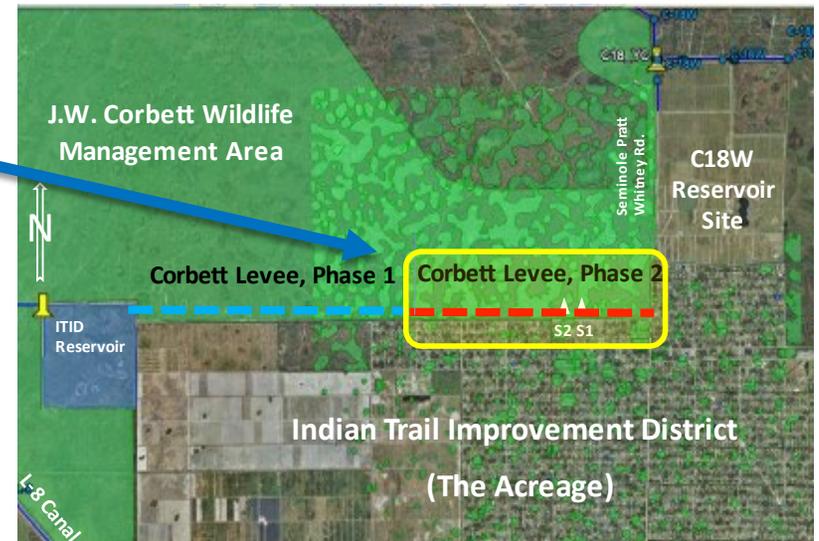
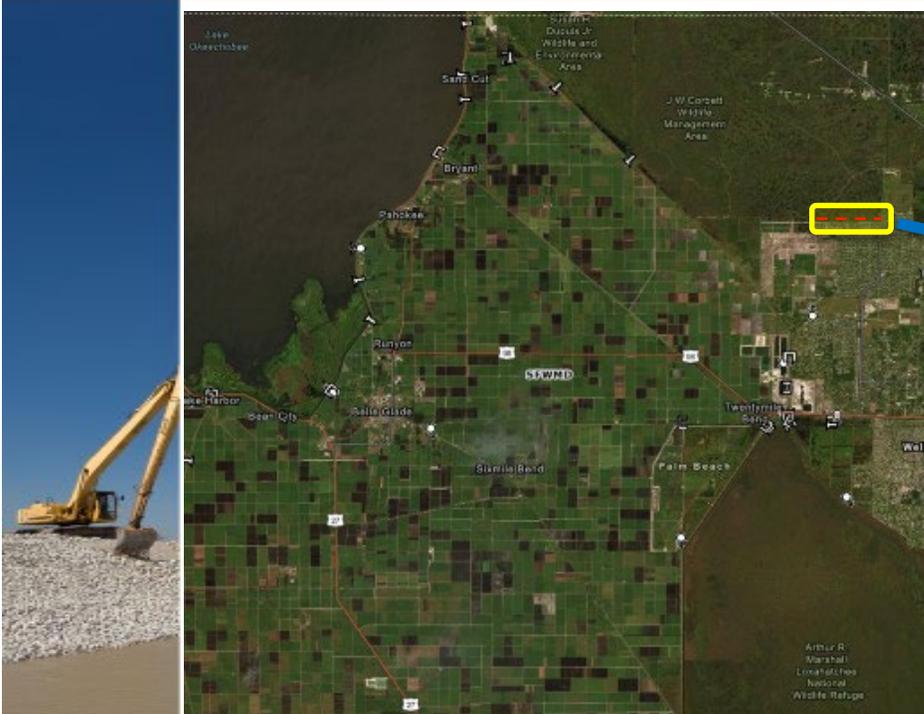
NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT:

Section 1. The Governing Board of the South Florida Water Management District hereby authorizes entering into a contract with ENCO, LLC for the Corbett Levee Phase 2 project, in the amount of \$8,976,000, for which dedicated funds (Palm Beach County Grant and FDEP Resilient Florida Grant) are budgeted in Fiscal Year 2023-2024 subject to Governing Board approval. (Contract No. 4600004952)

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

PASSED and ADOPTED this 14th day of March, 2024.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT



sfwmd.gov

Presenter: Lucine Dadrian 2

MEMORANDUM

TO: Governing Board Members

FROM: Lucine Dadrian, P.E., Engineering, Construction & Modeling

DATE: March 14, 2024

SUBJECT: STA-2 Cell 8 Improvements Project, Palm Beach County

Agenda Item Background:

As part of the Stormwater Treatment Area (STA) Refurbishments Program, the STA-2 Cell 8 Improvements project, located in Palm Beach County, will implement improvements to Florida Power and Light (FPL) facilities located in FPL easements throughout the STA-2 Cell 8. The existing access roads and pads are too low and would be inundated if the STA were operated at its maximum operating stage of 11.54 ft NAVD88. Because of the inundation, the maximum stage in the STA cell has been restricted to 10.30 ft NAVD88.

Removal of this restriction will allow the District to use Flow-way 5 at its full capacity as needed to improve the efficiency of the STA in improving the timing, quantity and quality of discharges. The project includes raising the transmission line access roads and pads in the vicinity of the power poles. The existing poles will be replaced by FPL onto the new pads. All work is being performed in FPL easements throughout the STA and is consistent with FPL design standards.

The lowest responsive and responsible bidder is recommended for award. In accordance with District policy and consistent with state law for Request for Bids (RFB) procurements, this item was competitively bid through a sealed bid process. The bid opening for this project was on March 4, 2024.

Additional Item Background:

Core Mission and Strategic Priorities:

This project supports the District's core missions of flood control, water quality, and ecosystem restoration.

Funding Source:

Funded with dedicated funds (State Appropriations) and Ad Valorem funds.

Staff Contact and/or Presenter:

Lucine Dadrian, P.E., ldadrian@sfwmd.gov, 561-682-2685

ATTACHMENTS:

[Resolution No. 2024-0307](#)

[Location Map](#)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 - XXXX

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a 210-day contract with H&R of Belle Glade, Inc., the lowest responsive and responsible bidder, for the STA-2 Cell 8 Improvements project, in the amount of \$1,715,557.24, for which dedicated funds (State Appropriations) and Ad Valorem funds are budgeted in Fiscal Year 2023-2024, providing an effective date. (Contract No. 4600004944)

WHEREAS, the Governing Board of the South Florida Water Management District deems it necessary, appropriate, and in the public interest to enter into a 210-day contract with H&R of Belle Glade, Inc., for the STA-2 Cell 8 Improvements project, in the amount of \$1,715,557.24.

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 H&R of Belle Glade, Inc. for the STA-2 Cell 8 Improvements project, in the amount of \$1,715,557.24, for which dedicated funds (State Appropriations) and Ad Valorem funds are budgeted in Fiscal Year 2023-2024, providing an effective date. (Contract No. 4600004944)

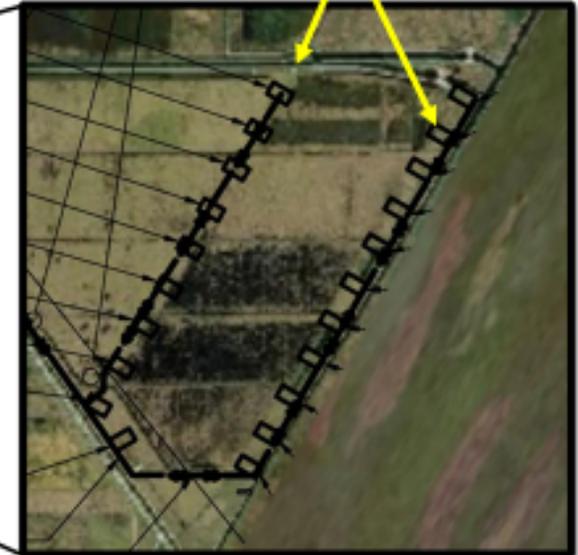
Section 3. This Resolution shall take effect immediately upon adoption.

PASSED and ADOPTED this 14th day of March, 2024.

Location Map



**STA-2 CELL 8
FPL PAD SERIES
TO BE ALTERED**



MEMORANDUM

TO: Governing Board Members
FROM: , Real Estate
DATE: March 14, 2024
SUBJECT: A. Broward County

Agenda Item Background:

The District has certain reserved rights to construct canal and road rights of way. 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. Applications are routed to local governments and water control districts to ascertain their potential need for the reservation. If it has been determined there is no present or future need, staff concluded that the reservations may be released for payment of a value equal to three percent (3%) of the appraised value of the land on the Property Appraiser's website in the County where the property is located.

The District is also required to review canal reservations held by the Board of Trustees of the Internal Improvement Trust Fund and advise the Florida Department of Environmental Protection whether the canal reservations should be released or if there is a present or future need by the District or a local county, city or drainage district.

It has been determined that there is no present or apparent future need for the reservations listed below, therefore staff asks the Board to consider approval of the following:

- Release District canal reservations for TLH Sabra 2, LLC, a Florida limited liability company (File No. 18937-A) for 8.30 +/- acres; subject to payment of release value of \$54,233.00
- Recommend approval of release of TIITF canal reservations for TLH Sabra 2, LLC, a Florida limited liability company (File No. 18937-B) for 44.61 +/- acres; release value N/A (TIITF canal reservations)

Additional Item Background:

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

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

Staff Contact and/or Presenter:

ATTACHMENTS:

Memorandum Exhibit A

Resolution No. 2024-0308

Resolution No. 2024-0308 Exhibit A

Resolution No. 2024-0309

Resolution No. 2024-0309 Exhibit A

Maps

MEMORANDUM – EXHIBIT “A”

Broward County

File No.: 18937-A
Applicant: TLH Sabra 2, LLC, a Florida limited liability company
Reserving Deed: T-3376 (Deed Book 370, page 65, dated 1/26/1926)
Application Fee Paid: \$250.00
Release Value: \$54,233.00 (unpaid)
Action: Release District canal reservations, subject to payment of \$54,233.00 for release of District real property interests
Acres: 8.30 acres, more or less
Legal Description: Portion of Tract 20, FLORIDA FRUIT LANDS COMPANY’S SUBDIVISION NO. 2, PB 1-102 (PB), Section 19, Township 47 South, Range 41 East
Location: Vacant land South of Loxahatchee Road, Parkland, Broward County
Reviewed By: Field Operations Division; Water Supply Development Section; Right of Way Section; Environmental Resource Permitting Bureau; Ecosystem Restoration Division; Engineering, Construction and Modeling Division; District Resiliency and Central Broward Water Control District

File No.: 18937-B
Applicant: TLH Sabra 2, LLC, a Florida limited liability company
Reserving Deed: TIITF-16198 (Deed Book 46, page 240, dated 12/24/1908)
Application Fee Paid: \$250.00
Release Value: N/A – TIITF reservations
Action: Approve recommendation to Florida Department of Environmental Protection to release canal reservations held by TIITF
Acres: 44.61 acres, more or less
Legal Description: Portion of Tracts 18 through 23, and 29, FLORIDA FRUIT LANDS COMPANY’S SUBDIVISION NO. 2, PB 1-102 (PB), Section 19, Township 47 South, Range 41 East
Location: Vacant land South of Loxahatchee Road, Parkland, Broward County
Reviewed By: Field Operations Division; Water Supply Development Section; Right of Way Section; Environmental Resource Permitting Bureau; Ecosystem Restoration Division; Engineering, Construction and Modeling Division; District Resiliency and Central Broward Water Control District

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 - XXXX

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

WHEREAS, the applicant has requested that the South Florida Water Management District release certain District canal reservations in Broward County; and

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

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

Section 1. The Governing Board of the South Florida Water Management District hereby approves the release of District canal 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 14th day of March, 2024.

RESOLUTION – EXHIBIT “A”

Broward County

File No.: 18937-A
Applicant: TLH Sabra 2, LLC, a Florida limited liability company
Reserving Deed: T-3376 (Deed Book 370, page 65, dated 1/26/1926)
Release Value: \$54,233.00 (unpaid)
Action: Release District canal reservations, subject to payment of \$54,233.00
for release of District real property interests
Acres: 8.30 acres, more or less
Legal Description: Portion of Tract 20, FLORIDA FRUIT LANDS COMPANY’S
SUBDIVISION NO. 2, PB 1-102 (PB), Section 19, Township 47 South,
Range 41 East
Location: Vacant land South of Loxahatchee Road, Parkland, Broward County

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 – 03XX

A Resolution of the Governing Board of the South Florida Water Management District to approve recommending release of canal reservations held by the Board of Trustees of the Internal Improvement Trust Fund; providing an effective date.

WHEREAS, the applicant has requested that the South Florida Water Management District advise the Florida Department of Environmental Protection (DEP) on the release of certain canal reservations held by the Board of Trustees of the Internal Improvement Trust Fund (TIITF) in Broward County; and

WHEREAS, the District is empowered to grant such recommendation pursuant to the delegation of the Board of Trustees of the Internal Improvement Trust Fund by Fla. Admin. Code Rule 18-2.018 (2016) to 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 recommending release of TIITF canal reservations to DEP, 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 14th day of March, 2024.

RESOLUTION – EXHIBIT “A”

Broward County

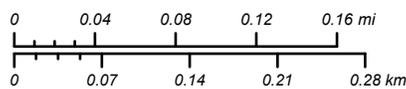
File No.: 18937-B
Applicant: TLH Sabra 2, LLC, a Florida limited liability company
Reserving Deed: TIITF-16198 (Deed Book 46, page 240, dated 12/24/1908)
Release Value: N/A – TIITF reservations
Action: Approve recommendation to Florida Department of Environmental Protection to release canal reservations held by TIITF
Acres: 44.61 acres, more or less
Legal Description: Portion of Tracts 18 through 23, and 29, FLORIDA FRUIT LANDS COMPANY’S SUBDIVISION NO. 2, PB 1-102 (PB), Section 19, Township 47 South, Range 41 East
Location: Vacant land South of Loxahatchee Road, Parkland, Broward County



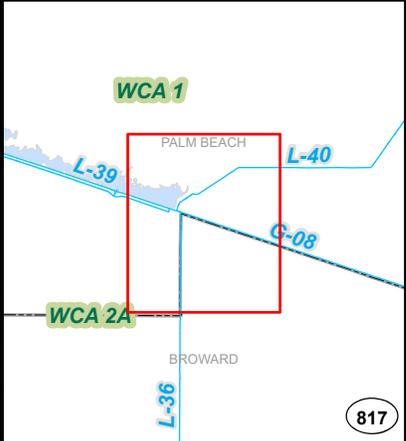
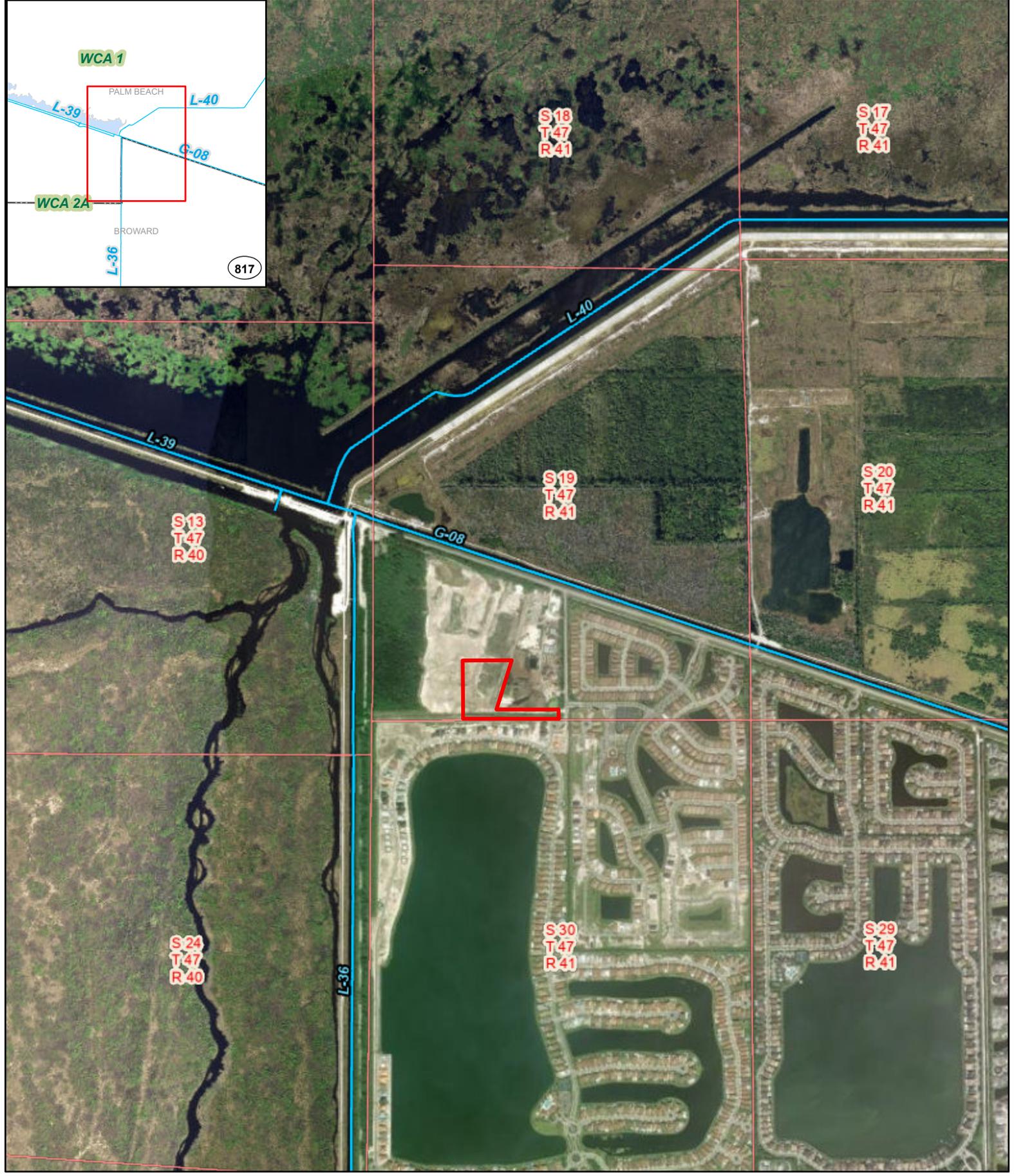
18937-A (8.30 acres)



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



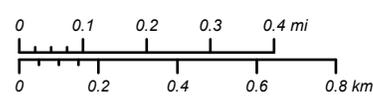
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18937-A (8.30 acres)



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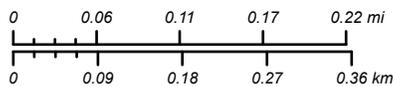
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18937-B (44.61 acres)



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DISCLAIMER:

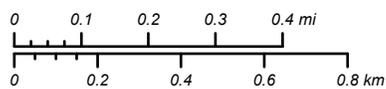
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18937-B (44.61 acres)



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MEMORANDUM

TO: Governing Board Members
FROM: , Real Estate
DATE: March 14, 2024
SUBJECT: B. Palm Beach County

Agenda Item Background:

The District has certain reserved rights to construct canal and road rights of way. 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. Applications are routed to local governments and water control districts to ascertain their potential need for the reservation. If it has been determined there is no present or future need, staff concluded that the reservations may be released for payment of a value equal to three percent (3%) 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 apparent future need for the reservations listed below, therefore staff asks the Board to consider approval of the following:

- Release District canal and road reservations for RD Wellington Stables – Lot 1, LLC, a Florida limited liability company (File No. 18938) for 10.0 +/- acres; subject to payment of release value of \$64,420.00
- Release District canal and road reservations for RD Wellington Stables – Lot 2, LLC, a Florida limited liability company (File No. 18939) for 10.0 +/- acres; subject to payment of release value of \$75,611.00
- Release District canal and road reservations for RD Wellington Stables – Lot 3, LLC, a Florida limited liability company (File No. 18940) for 20.0 +/- acres; subject to payment of release value of \$151,448.00

Staff Contact and/or Presenter:

ATTACHMENTS:

[Memorandum Exhibit A](#)

[Resolution No. 2024-0310](#)

[Resolution No. 2024-0310 Exhibit A](#)

[Maps](#)

MEMORANDUM – EXHIBIT “A”

Palm Beach County

File No.: 18938
Applicant: RD Wellington Stables – Lot 1, LLC, a Florida limited liability company
Reserving Deed: E-110 (Deed Book 678, page 204, dated 1/24/1944)
Application Fee Paid: \$250.00
Release Value: \$64,420.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$64,420.00 for release of District real property interests
Acres: 10.0 acres, more or less
Legal Description: The South one-half (S ½) of the South one-half (S ½) of the Southwest one-quarter (S ¼) of the Southwest one-quarter (SW ¼) of Section 28, Township 44 South, Range 41 East
Location: 13951 50th Street South, Wellington, Palm Beach County
Reviewed By: Field Operations Division; Water Supply Development Section; Right of Way Section; Environmental Resource Permitting Bureau; Ecosystem Restoration Division; Engineering, Construction and Modeling Division; District Resiliency; Village of Wellington, and Acme Improvement District

File No.: 18939
Applicant: RD Wellington Stables – Lot 2, LLC, a Florida limited liability company
Reserving Deed: E-110 (Deed Book 678, page 204, dated 1/24/1944)
Application Fee Paid: \$250.00
Release Value: \$75,611.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$75,611.00 for release of District real property interests
Acres: 10.0 acres, more or less
Legal Description: The North one-half (N ½) of the South one-half (S ½) of the Southwest one-quarter (S ¼) of the Southwest one-quarter (SW ¼) of Section 28, Township 44 South, Range 41 East
Location: 4920 140th Avenue South, Wellington, Palm Beach County
Reviewed By: Field Operations Division; Water Supply Development Section; Right of Way Section; Environmental Resource Permitting Bureau; Ecosystem Restoration Division; Engineering, Construction and Modeling Division; District Resiliency; Village of Wellington, and Acme Improvement District

File No.: 18940
Applicant: RD Wellington Stables – Lot 3, LLC, a Florida limited liability company
Reserving Deed: E-110 (Deed Book 678, page 204, dated 1/24/1944)
Application Fee Paid: \$250.00
Release Value: \$151,448.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$151,448.00 for release of District real property interests
Acres: 20.0 acres, more or less
Legal Description: The North one-half (N ½) of the Southwest one-quarter (S ¼) of the Southwest one-quarter (SW ¼) of Section 28, Township 44 South, Range 41 East
Location: 4884 140th Avenue South, Wellington, Palm Beach County
Reviewed By: Field Operations Division; Water Supply Development Section; Right of Way Section; Environmental Resource Permitting Bureau; Ecosystem Restoration Division; Engineering, Construction and Modeling Division; District Resiliency; Village of Wellington, and Acme Improvement District

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Resolution No. 2024 – XXXX

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 in Palm Beach County; 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 14th day of March, 2024.

RESOLUTION – EXHIBIT “A”

Palm Beach County

File No.: 18938
Applicant: RD Wellington Stables – Lot 1, LLC, a Florida limited liability company
Reserving Deed: E-110 (Deed Book 678, page 204, dated 1/24/1944)
Release Value: \$64,420.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$64,420.00 for release of District real property interests
Acres: 10.0 acres, more or less
Legal Description: The South one-half (S ½) of the South one-half (S ½) of the Southwest one-quarter (S ¼) of the Southwest one-quarter (SW ¼) of Section 28, Township 44 South, Range 41 East
Location: 13951 50th Street South, Wellington, Palm Beach County

File No.: 18939
Applicant: RD Wellington Stables – Lot 2, LLC, a Florida limited liability company
Reserving Deed: E-110 (Deed Book 678, page 204, dated 1/24/1944)
Release Value: \$75,611.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$75,611.00 for release of District real property interests
Acres: 10.0 acres, more or less
Legal Description: The North one-half (N ½) of the South one-half (S ½) of the Southwest one-quarter (S ¼) of the Southwest one-quarter (SW ¼) of Section 28, Township 44 South, Range 41 East
Location: 4920 140th Avenue South, Wellington, Palm Beach County

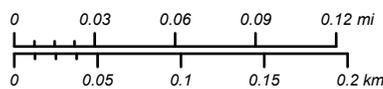
File No.: 18940
Applicant: RD Wellington Stables – Lot 3, LLC, a Florida limited liability company
Reserving Deed: E-110 (Deed Book 678, page 204, dated 1/24/1944)
Release Value: \$151,448.00 (unpaid)
Action: Release District canal and road reservations, subject to payment of \$151,448.00 for release of District real property interests
Acres: 20.0 acres, more or less
Legal Description: The North one-half (N ½) of the Southwest one-quarter (S ¼) of the Southwest one-quarter (SW ¼) of Section 28, Township 44 South, Range 41 East
Location: 4884 140th Avenue South, Wellington, Palm Beach County



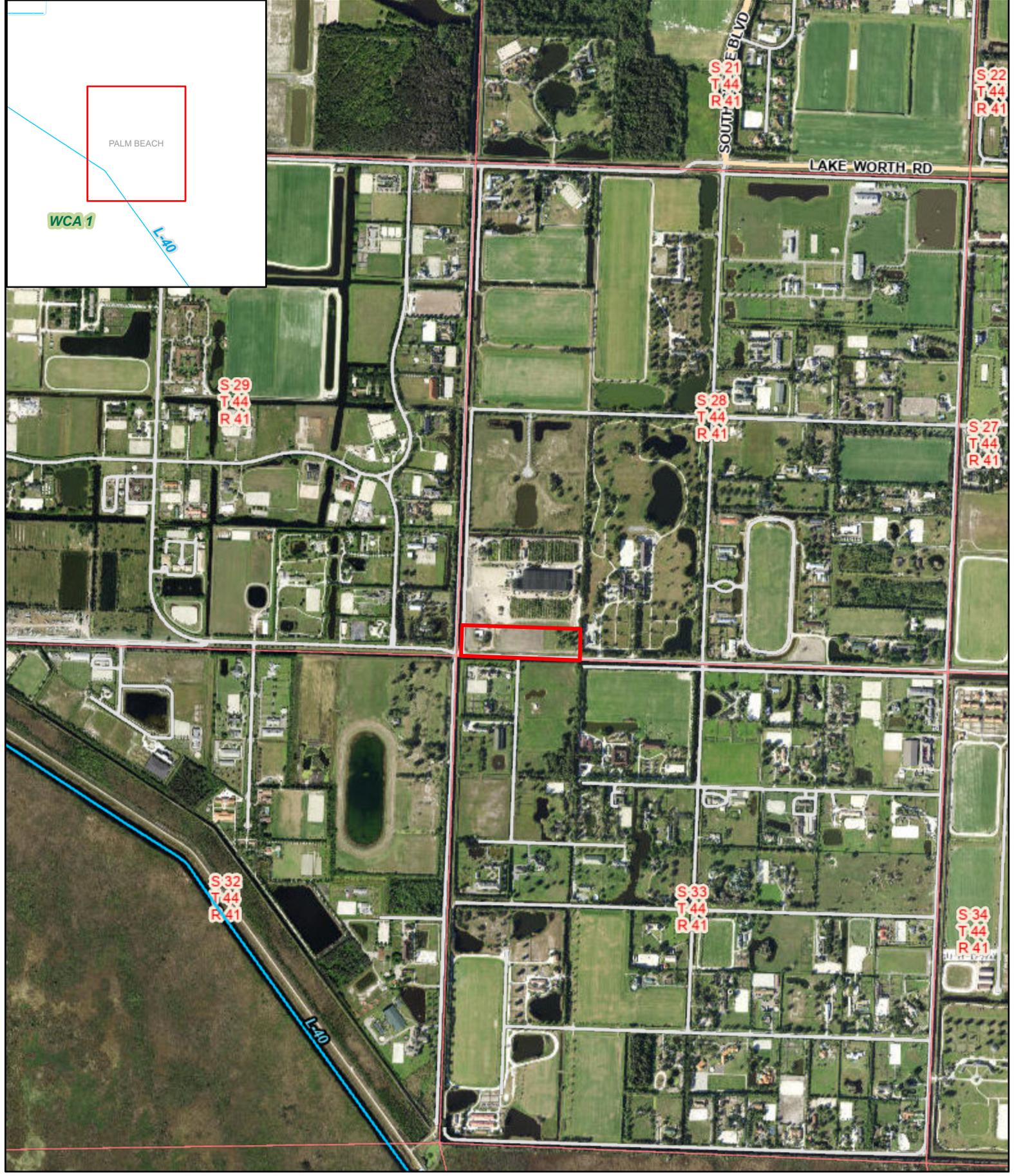
18938 (10.0 acres)



South Florida Water Management District
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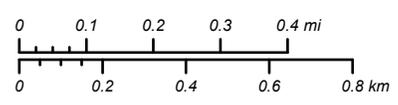
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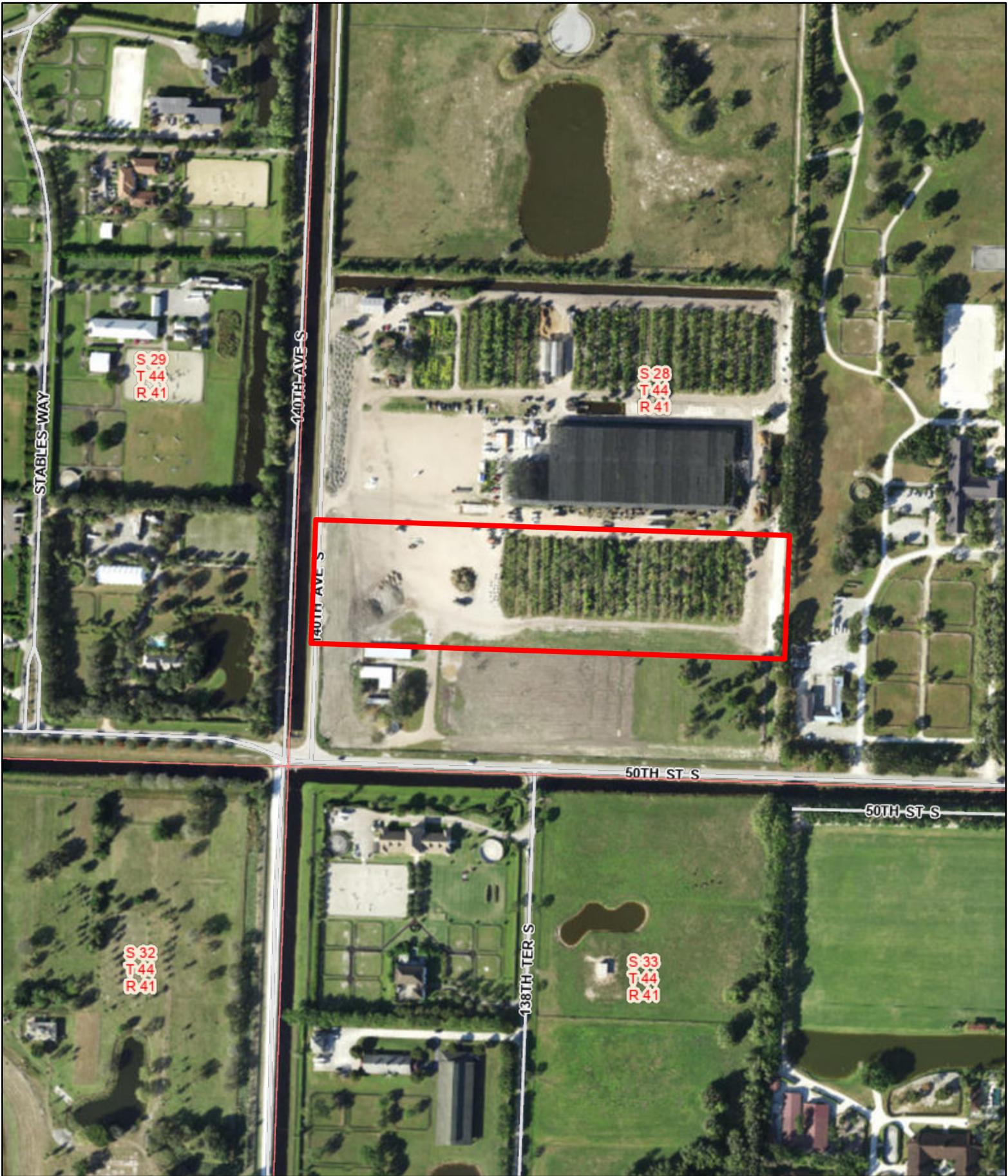
18938 (10.0 acres)



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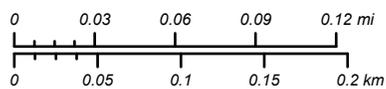
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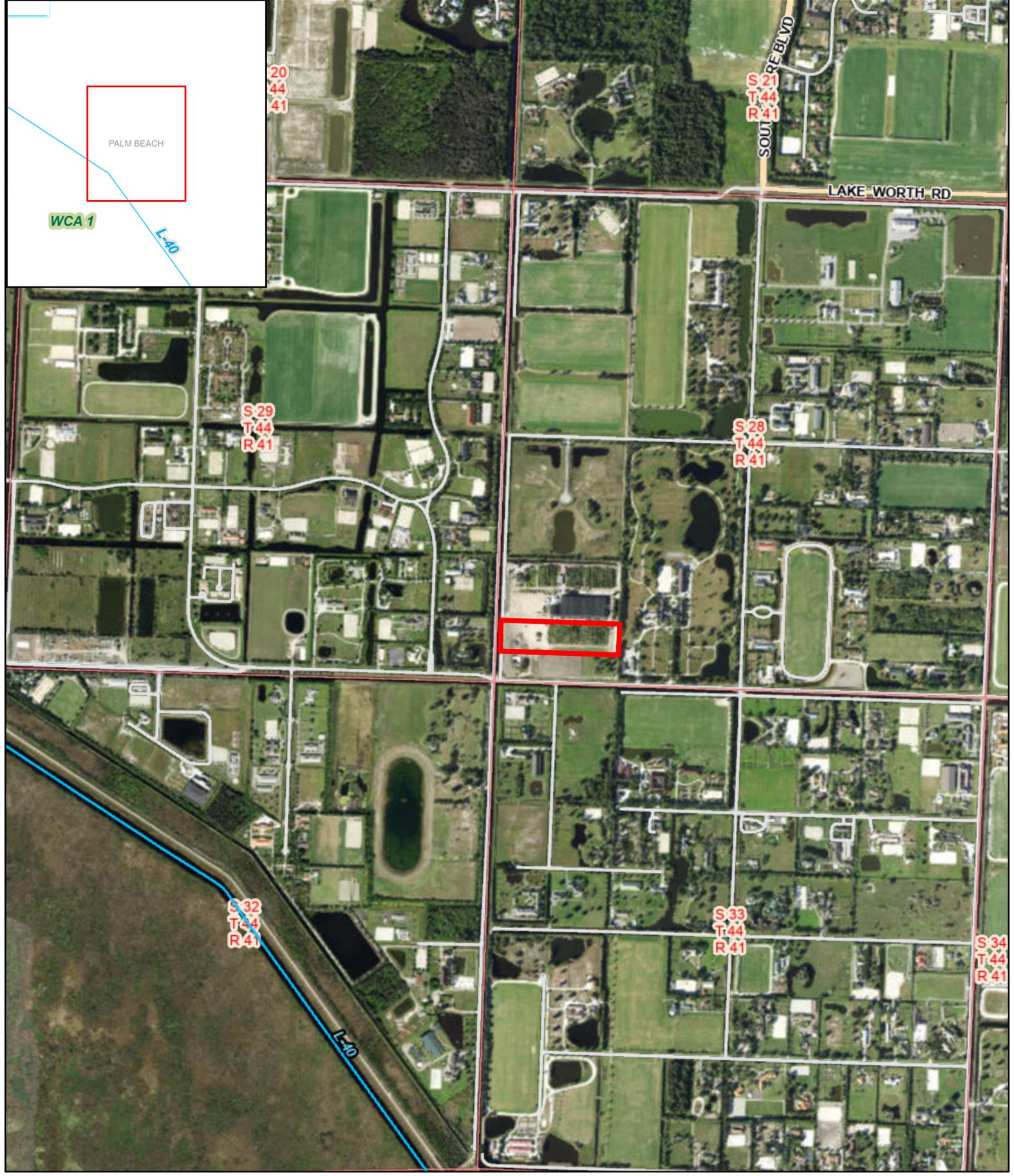
18939 (10.0 acres)



South Florida Water Management District
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 561-686-8800; www.sfwmd.gov



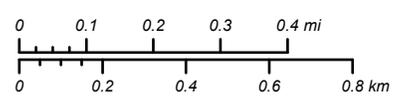
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18939 (10.0 acres)



South Florida Water Management District
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 561-686-8800; www.sfwmdd.gov



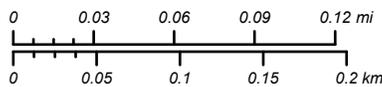
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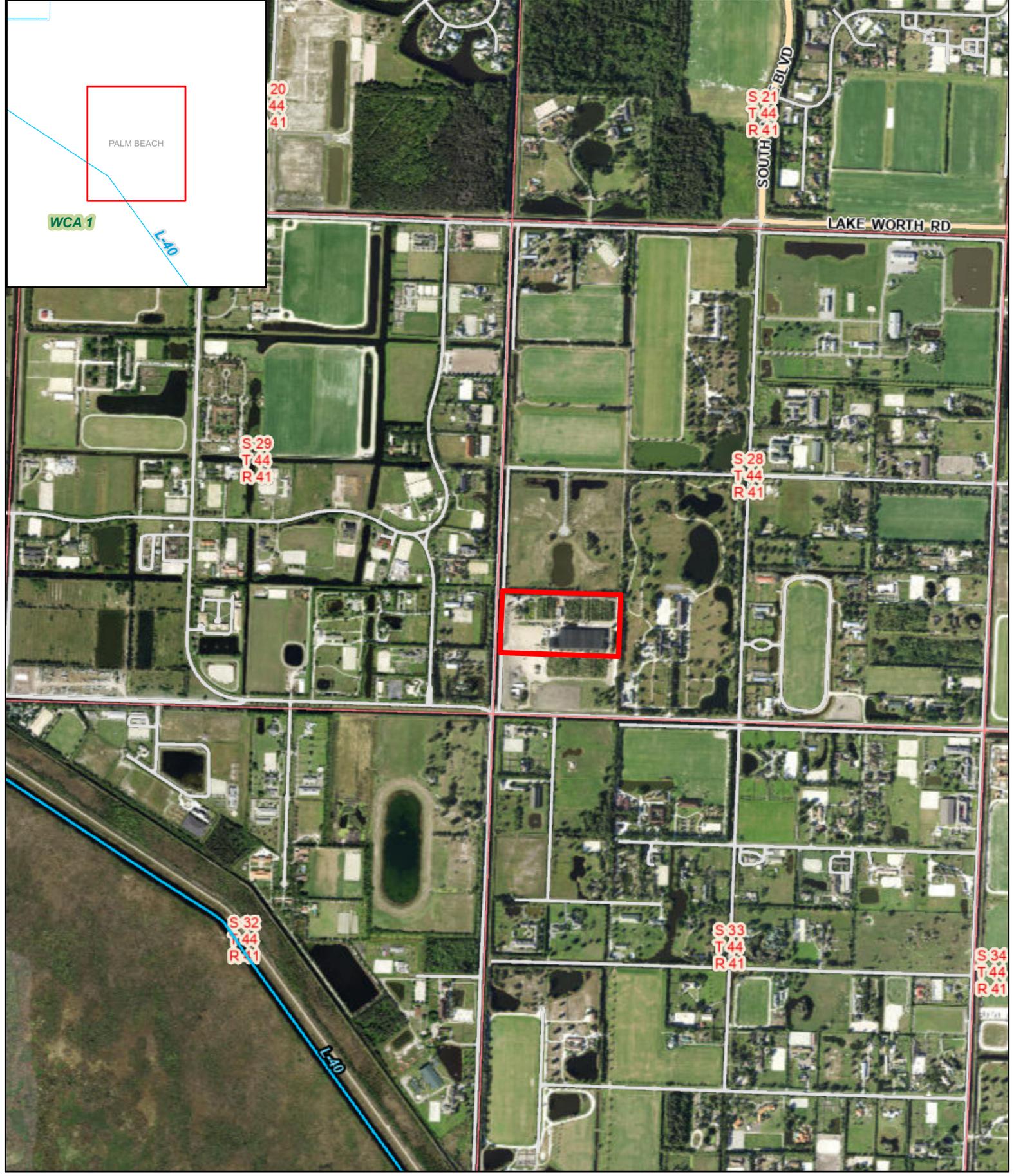
18940 (20.0 acres)



South Florida Water Management District
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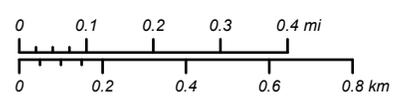
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18940 (20.0 acres)



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Release of Reservations



**Governing Board Meeting
March 14, 2024
Jennifer Reynolds, Division Director
Ecosystem Restoration & Capital Projects**





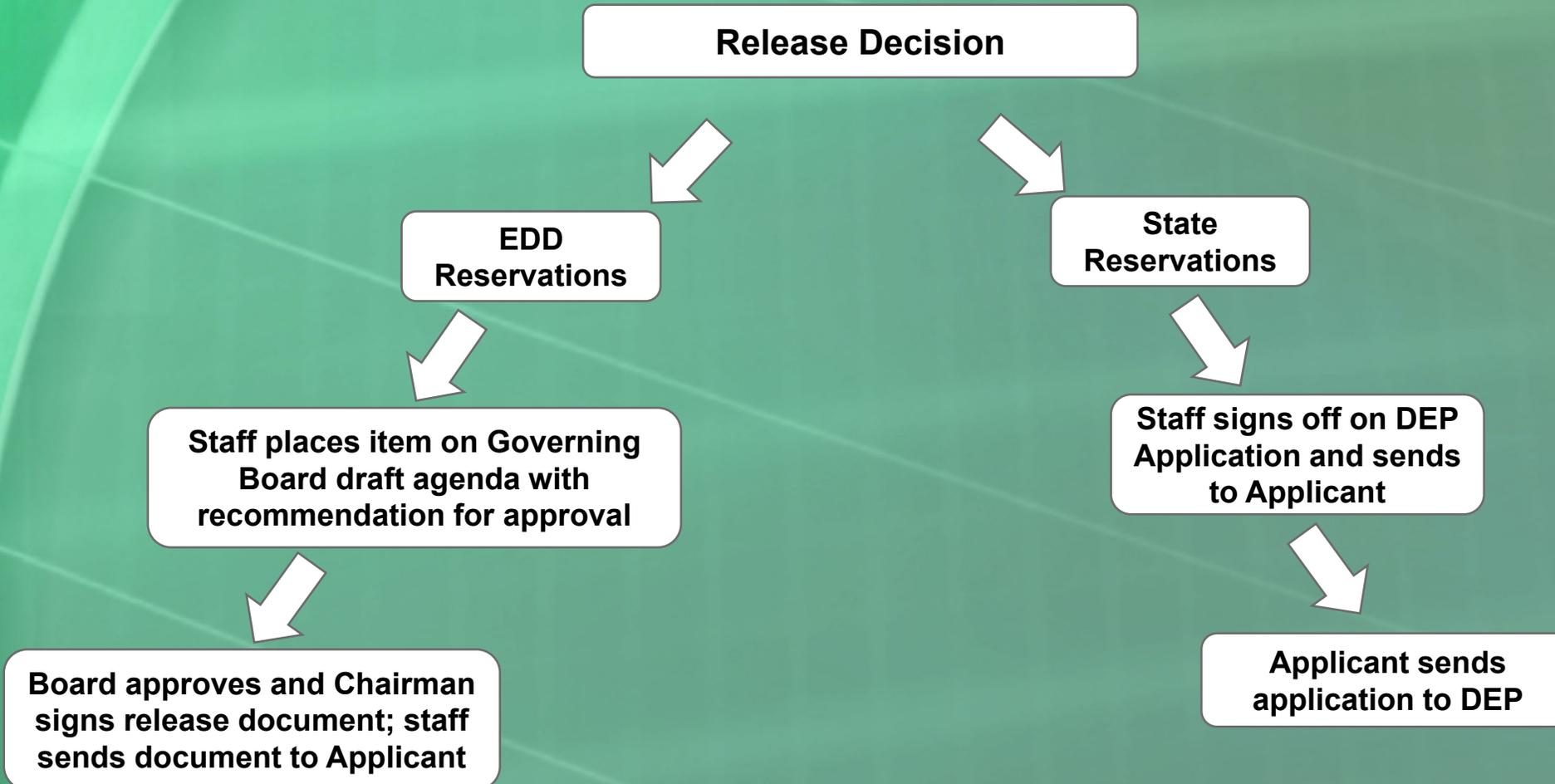
Staff Review of Releases

The District receives applications to release reservations for both EDD and State of Florida canal reservations.

Staff evaluates and provides best professional judgement regarding anticipated current and future needs on a case-by-case basis.

The application is also routed externally to local governments and drainage districts when applicable.

Staff Concludes No Apparent Need



Release of Reservations



Five Reservation Release Requests:

A. Broward County:

- File 18937: release District canal reservations for 8.30 +/- acres, release value \$54,233.00
- File 18937: recommend release of TIITF canal reservations for 44.61 +/- acres, release value not applicable for TIITF reservations

B. Palm Beach County:

- File 18938: release District canal and road reservations for 10.0 +/- acres, release value \$64,420.00
- File 18939: release District canal and road reservations for 10.0 +/- acres, release value \$75,611.00
- File 18940: release District canal and road reservations for 20.0 +/- acres, release value \$151,448.00

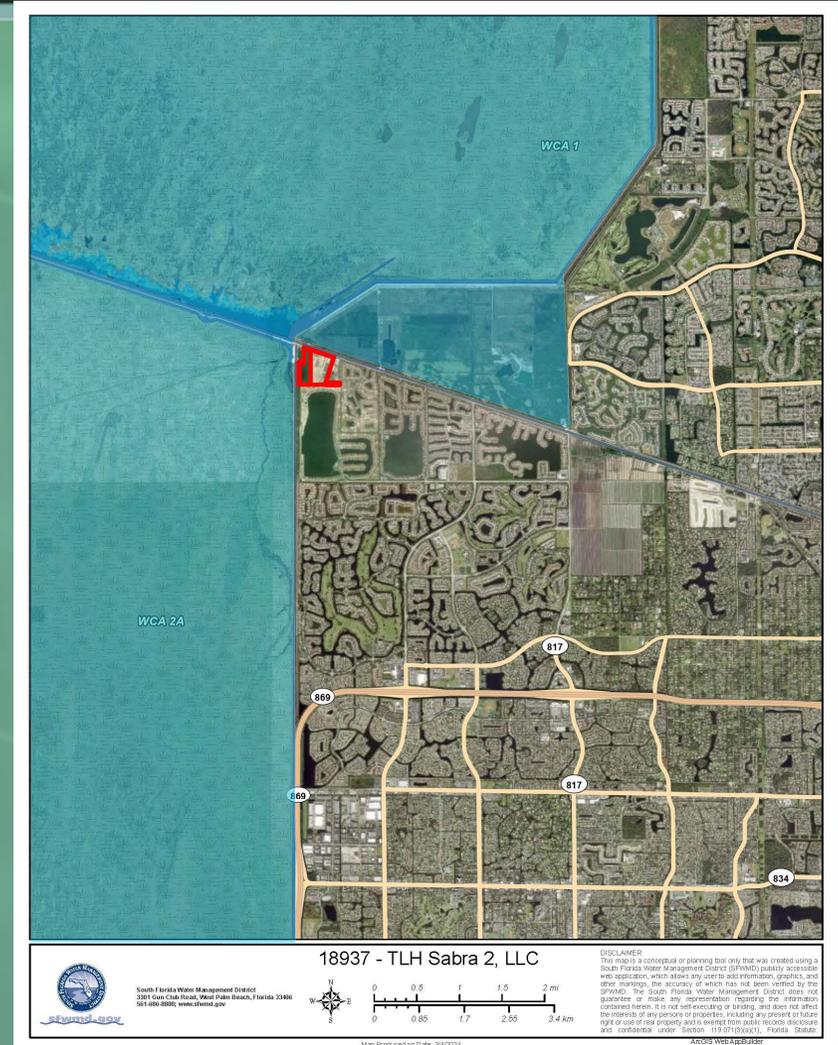
Release of Reservations – File 18937

Release District canal reservations

Location: NW Broward urban area

Owner: TLH Sabra 2, LLC

- Two separate resolutions
- 8.30 acres District reservation
- 44.61 acres TIITF reservation
- Proposed Use: Residential Subdivision
(Parkland Royale)



Staffing Considerations



- **Current and anticipated maintenance and operations**
- **Current and anticipated future projects**
- **Ongoing and anticipated studies**
- **Publicly owned lands**
- **Local drainage districts and municipalities**

Release of Reservations – File 18937-B

Recommend release of TIITF canal reservations

Owner: TLH Sabra 2, LLC

- 44.61 acres
- 1 reserving deed
- Release Value: N/A (TIITF reservations)
- Current Zoning: Vacant Residential
- Proposed Use: Residential Subdivision



Remaining Reservations – File 18937

Remaining reservations after TLD Sabra 2, LLC releases

- City of Parkland (NW corner 5.0 acres); TIITF reservation
- Unrelated parcel (Eastern 17 acres); TIITF and District reservations



18937 - TLH Sabra 2, LLC

South Florida Water Management District
3301 Gun Club Road, West Palm Beach, Florida 33406
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Map Produced on Date: 3/4/2024

ARC GIS Web App Builder

Reservation Language



"Saving and reserving unto the said Board of Commissioners of Everglades Drainage District, and its successors, the right at any time to enter upon the said lands and make or cause to be made, or constructed thereon, such canals, sluice-ways, dikes and other works as may in the judgement of said Board, or its successors, be necessary and needful for the drainage or reclamation of any of the lands in the Everglades Drainage District, and to take from the said lands hereby conveyed and to use such gravel, stone or earth as may, in the judgement of the said Board, or its successors, be necessary to use in the making and construction of said canals, cuts, sluice-ways, dikes and other works upon said lands for the purposes aforesaid."

Resolutions



**Resolution No. 2024-0308:
Release District canal reservations.**

**Resolution No. 2024-0309:
Approve recommending release of canal
reservations held by the Board of Trustees of
the Internal Improvement Trust Fund.**

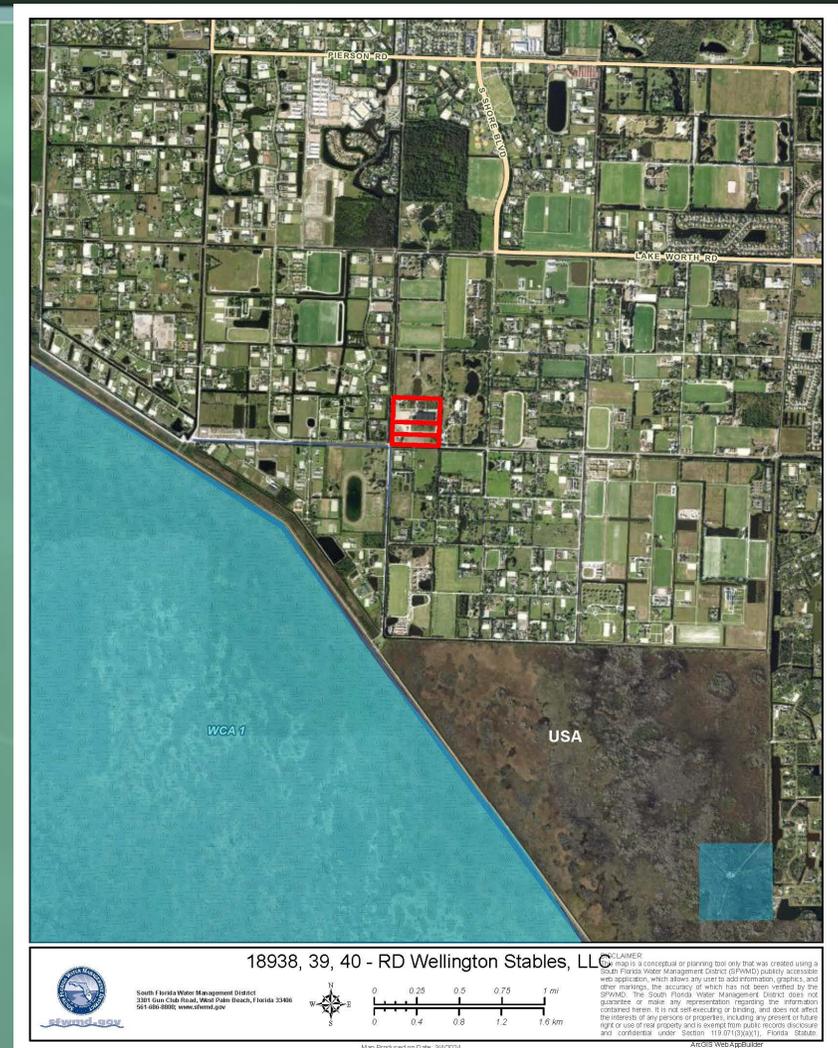
Release of Reservations – Files 18938, 39 & 40

Release of District canal and road reservations

Location: Village of Wellington urban area

Owner: RD Wellington Stables

- 40.0 acres combined – 3 adjacent parcels
- Proposed Use: Equestrian Residential



Staffing Considerations



- **Current and anticipated maintenance and operations**
- **Current and anticipated future projects**
- **Ongoing and anticipated studies**
- **Publicly owned lands**
- **Local drainage districts and municipalities**

Release of Reservations – Files 18938, 39 & 40

Release of District canal and road reservations

Owner: RD Wellington Stables (3 Lots)

- 40.0 acres total
- 1 reserving deed
- Total Release Value: \$291,479
- Current Zoning: Equestrian Residential
- Proposed Use: Equestrian Residential





Resolution

**Resolution No. 2024-0310:
Release District canal and road reservations.**

Water and Ecological Conditions Summary

South Florida Water Management District Governing Board Meeting March 14, 2024



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



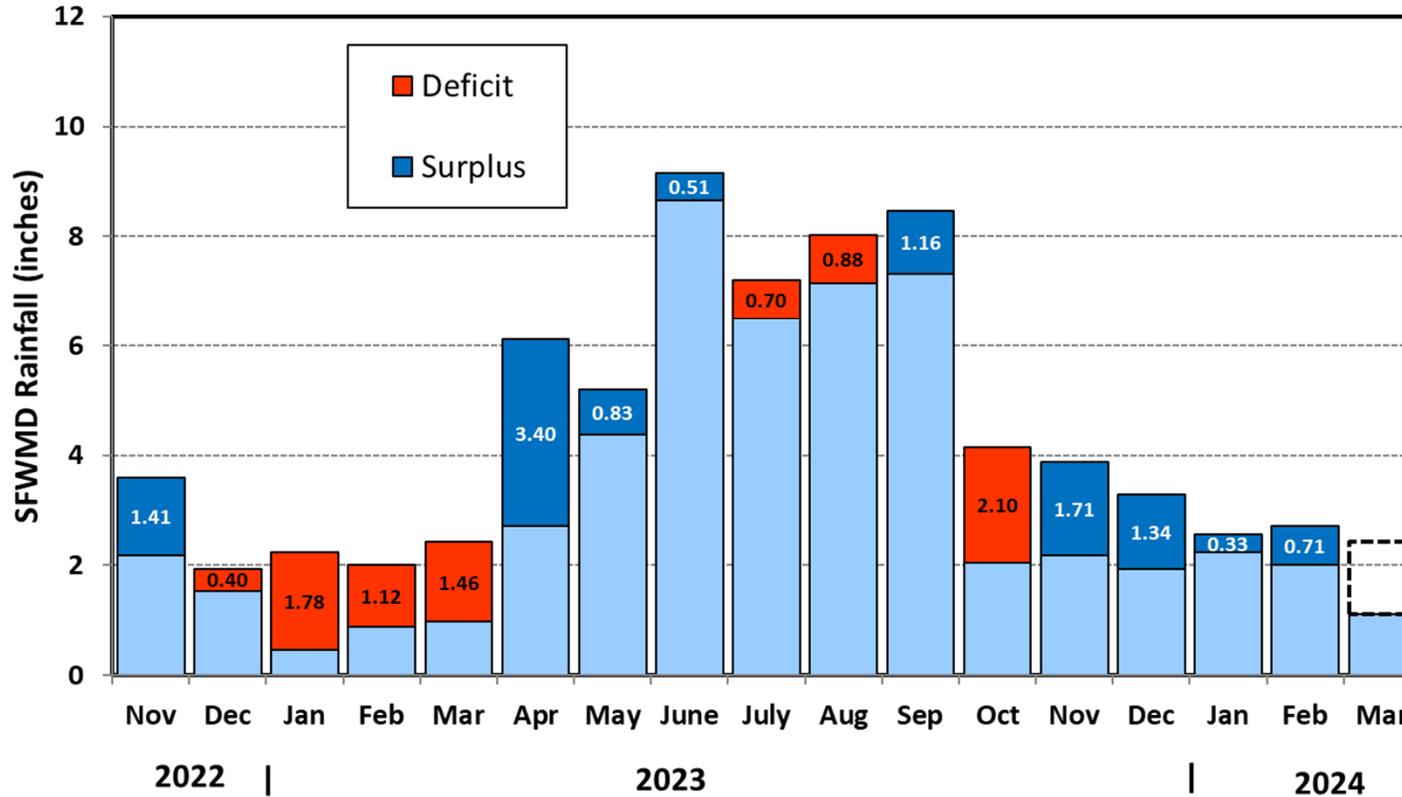
Lawrence Glenn
Division Director
Water Resources

SFWMD Rainfall Distribution Comparison (November 2022 - March 2024)

Wet-Season Rainfall

Total rainfall 108% of normal since the start of the 2023 wet season (14 May)

- May (119% normal)
- June (106% normal)
- July was dry (90% normal),
- August (89% normal)
- September (116% normal)



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

2022-2023 DRY SEASON

- Started 9/29/2022 and ended 5/13/2023
- Including Oct. 2022, 5/6 months are below Normal
- 4/6 full months are more than 50% below Normal
- April was ~ 225% Normal

2023 WET SEASON

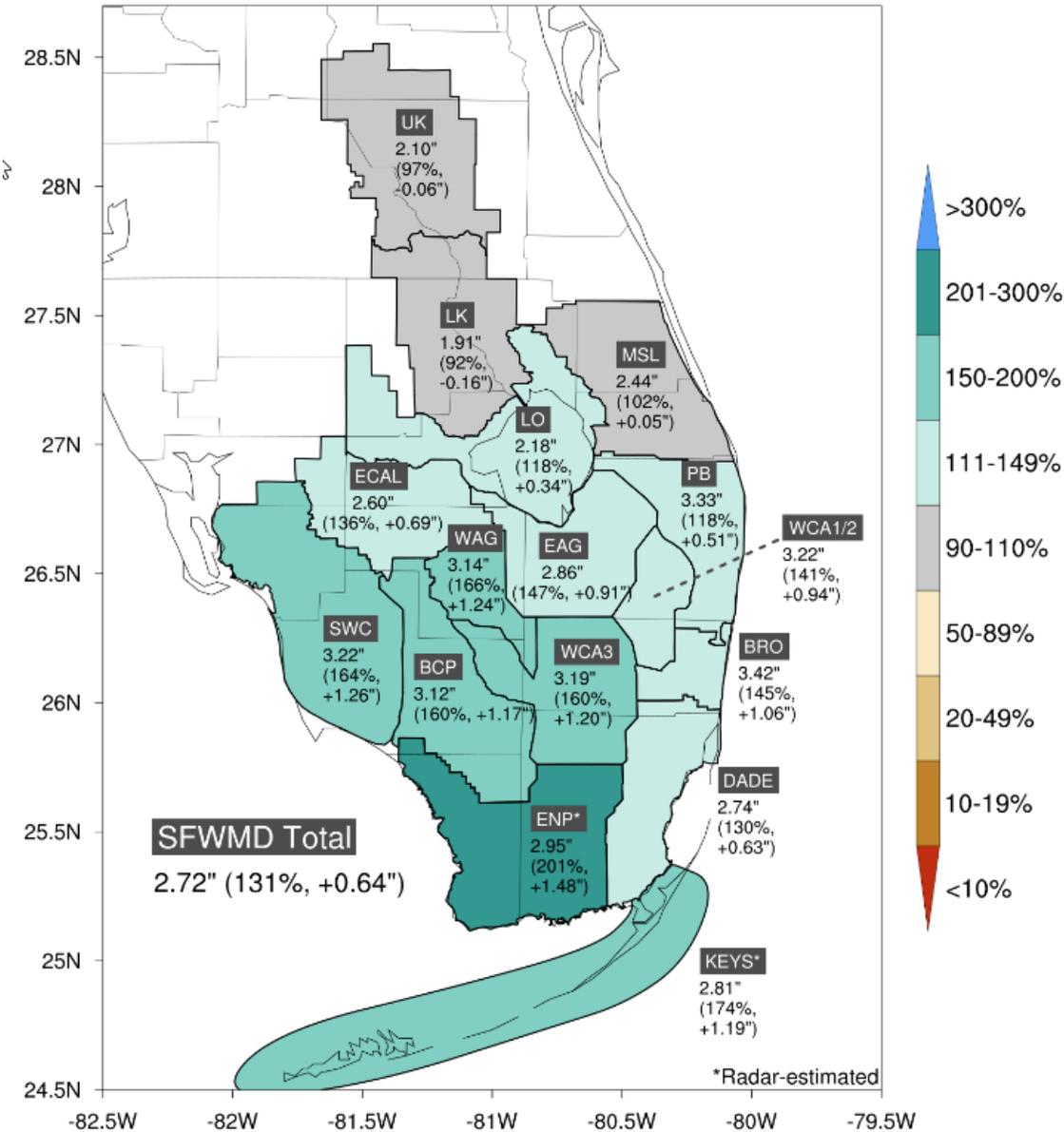
- Started 5/14/2023 ended 9/30/2023
- May, June and September were above Normal
- July and August were below Normal
- 8% above Normal overall

2023-2024 DRY SEASON

- Started 10/01/2023
- October was extremely dry (49% normal)
- November 2023 through February 2024 above normal
- Large isolated rainfall events November/December

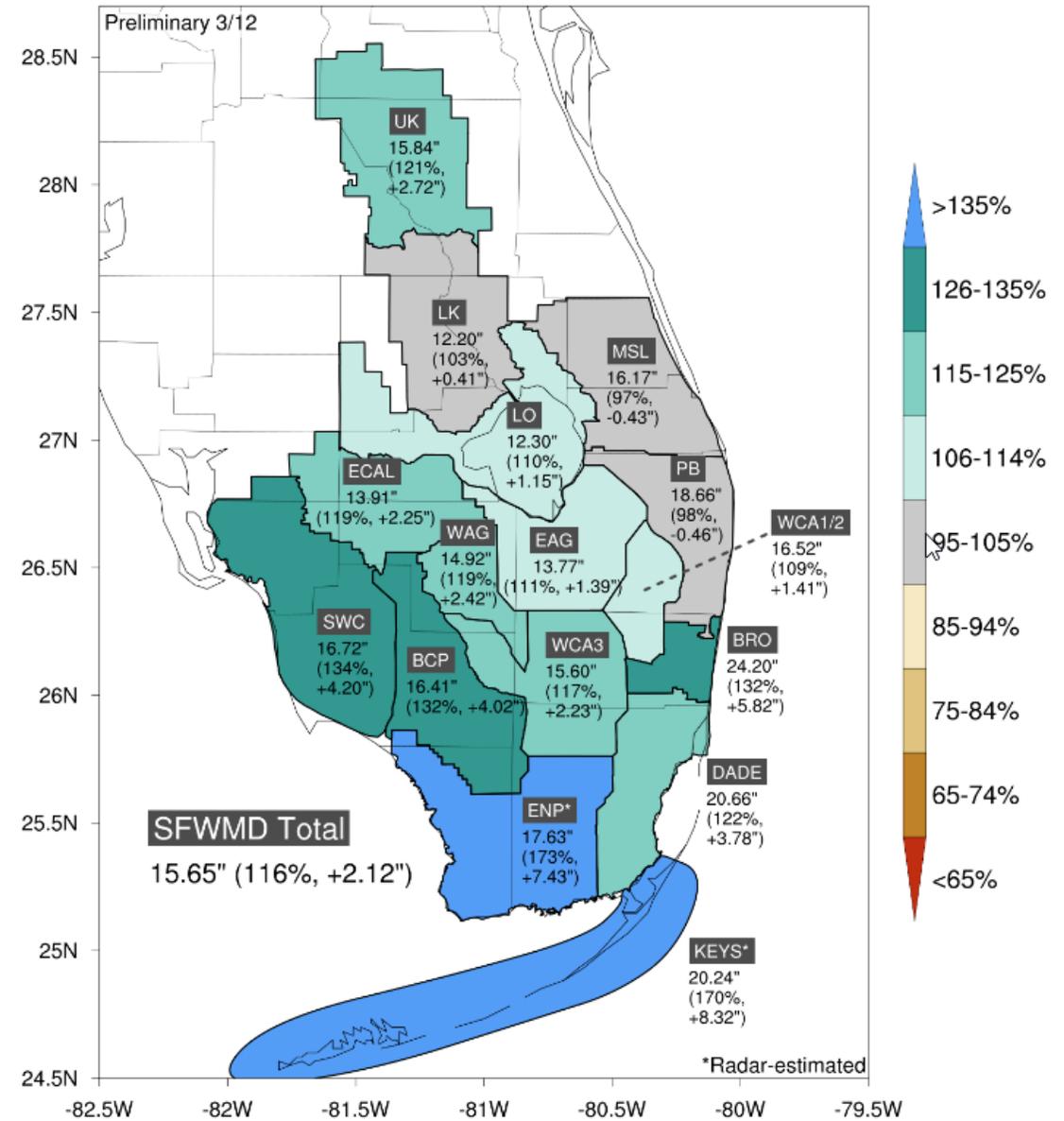
February 2024

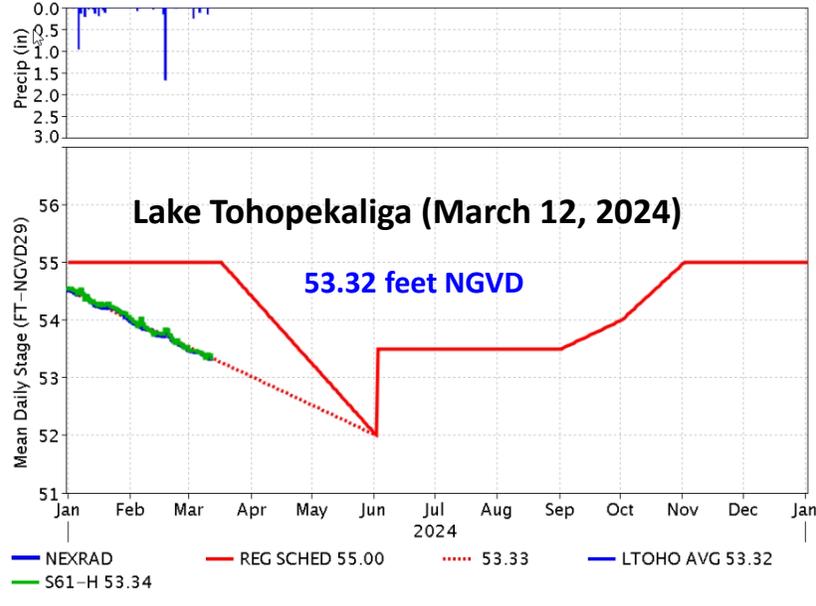
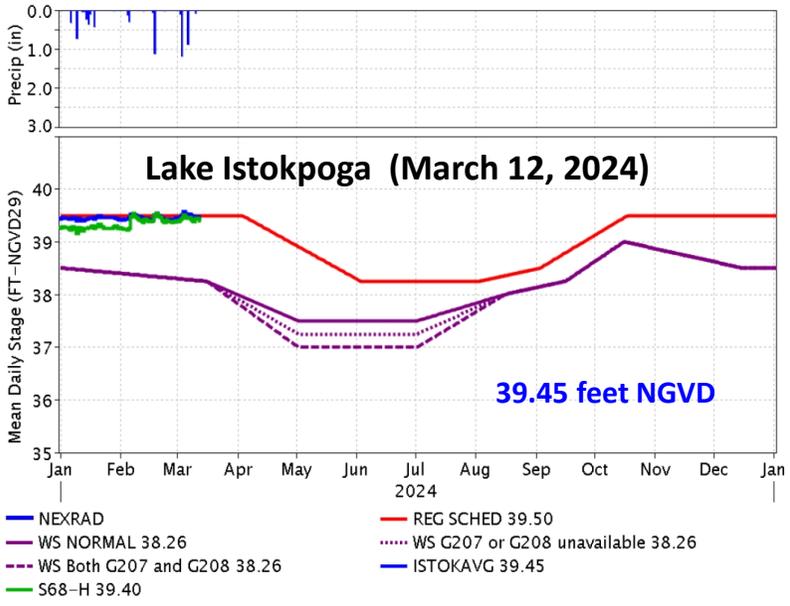
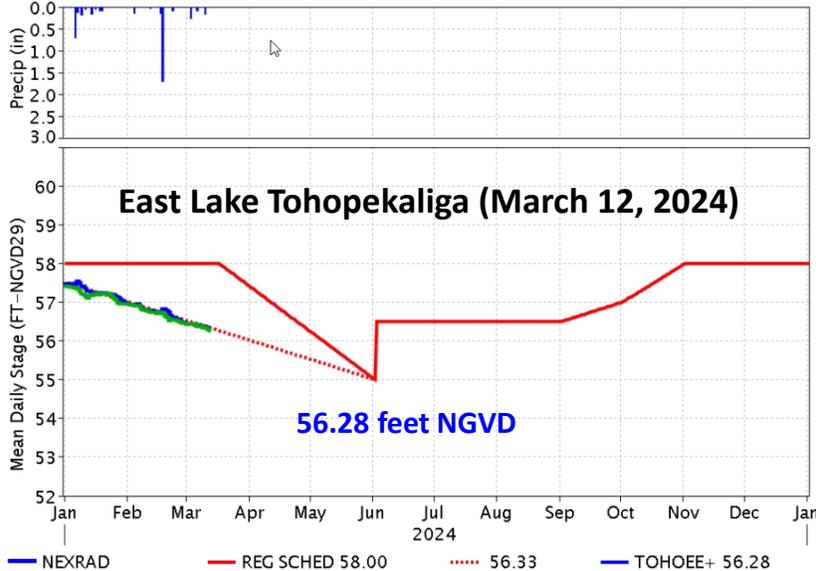
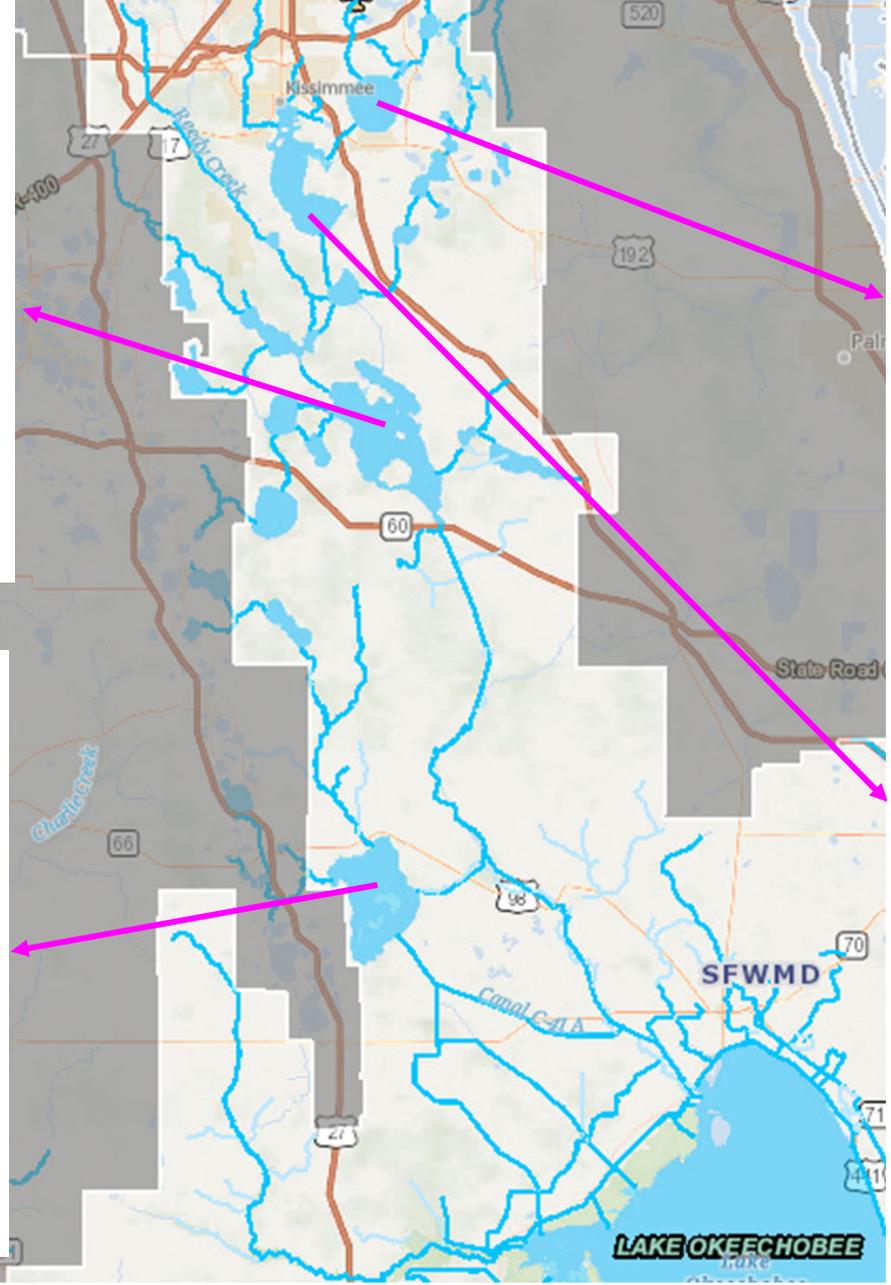
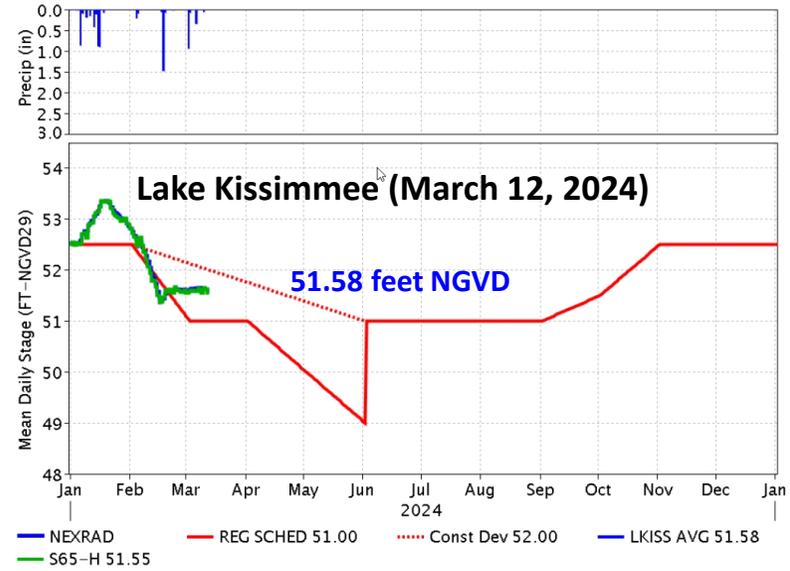
Rainfall, Percent of Normal, and Departures



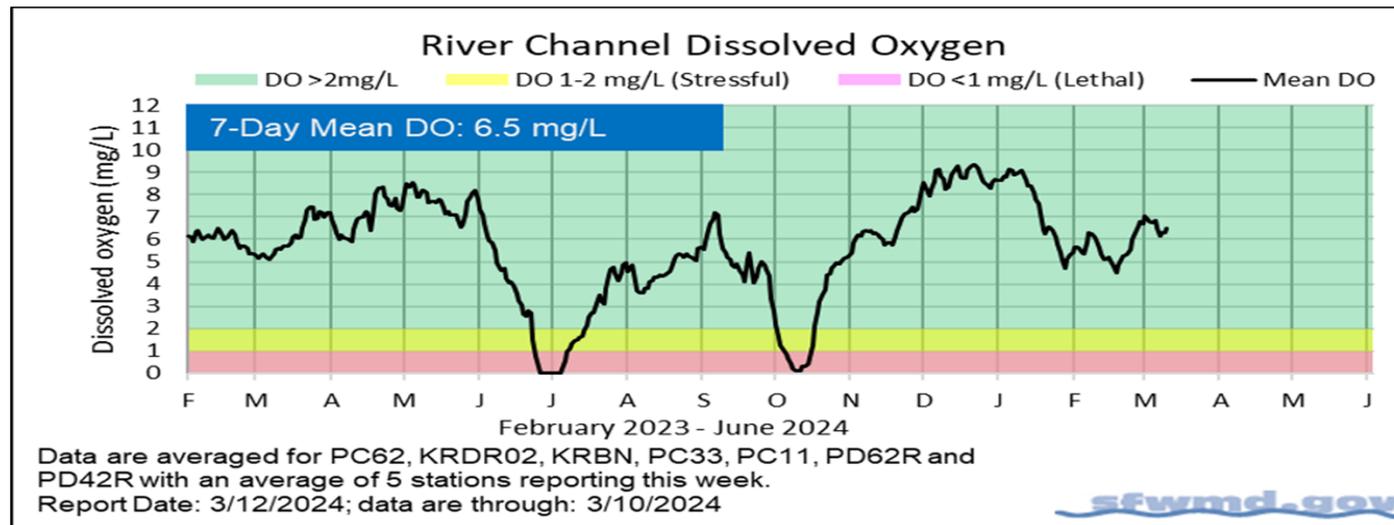
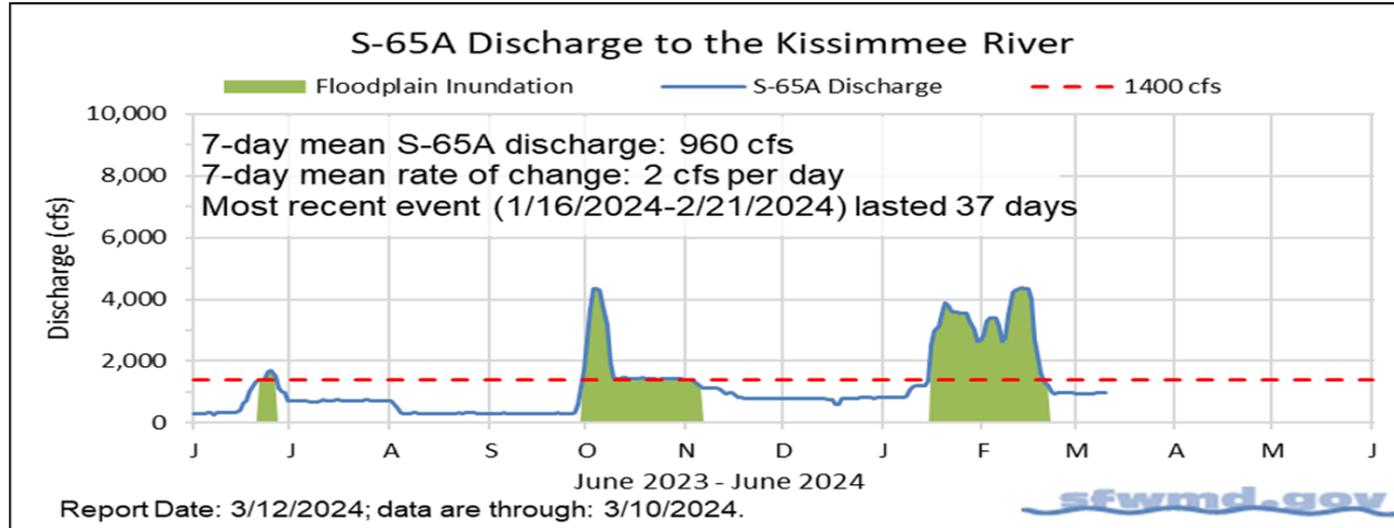
2023-2024 Dynamic Dry Season (10/1/23 to 3/12/24)

Rainfall, Percent of Normal, and Departures





Kissimmee River Discharge and Dissolved Oxygen

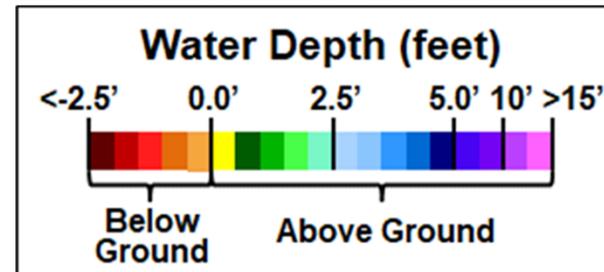
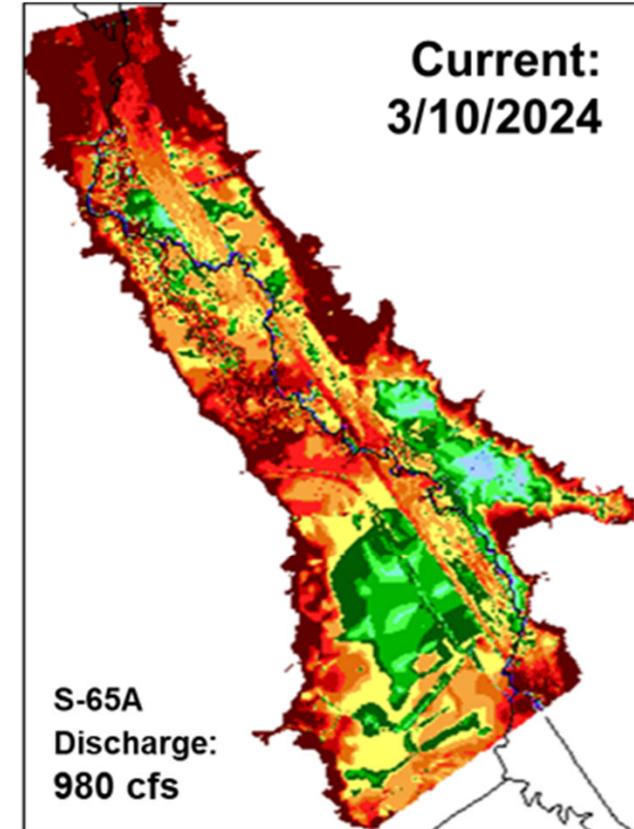
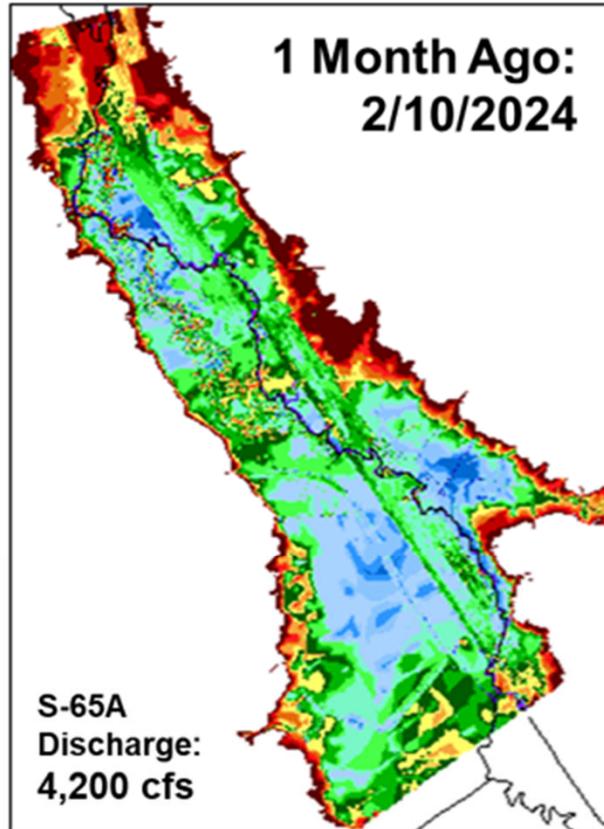
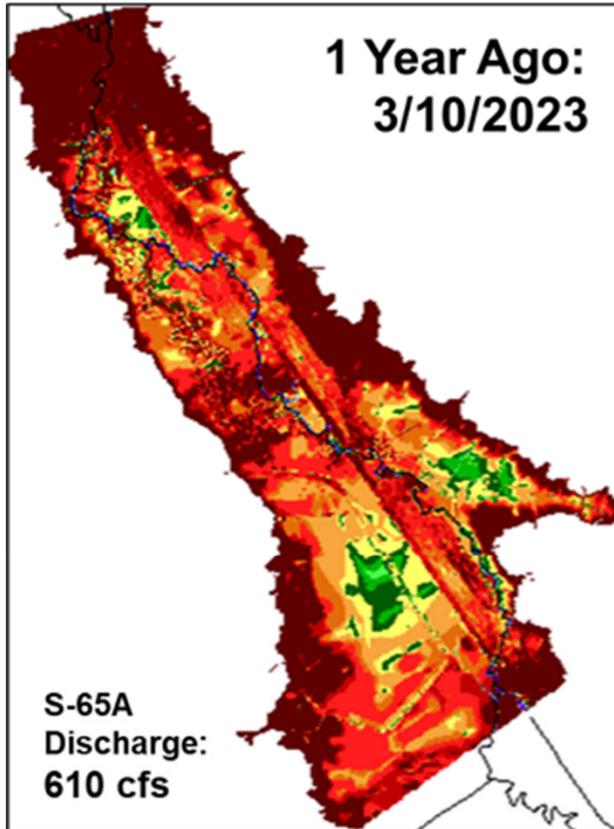


sfwmd.gov

sfwmd.gov

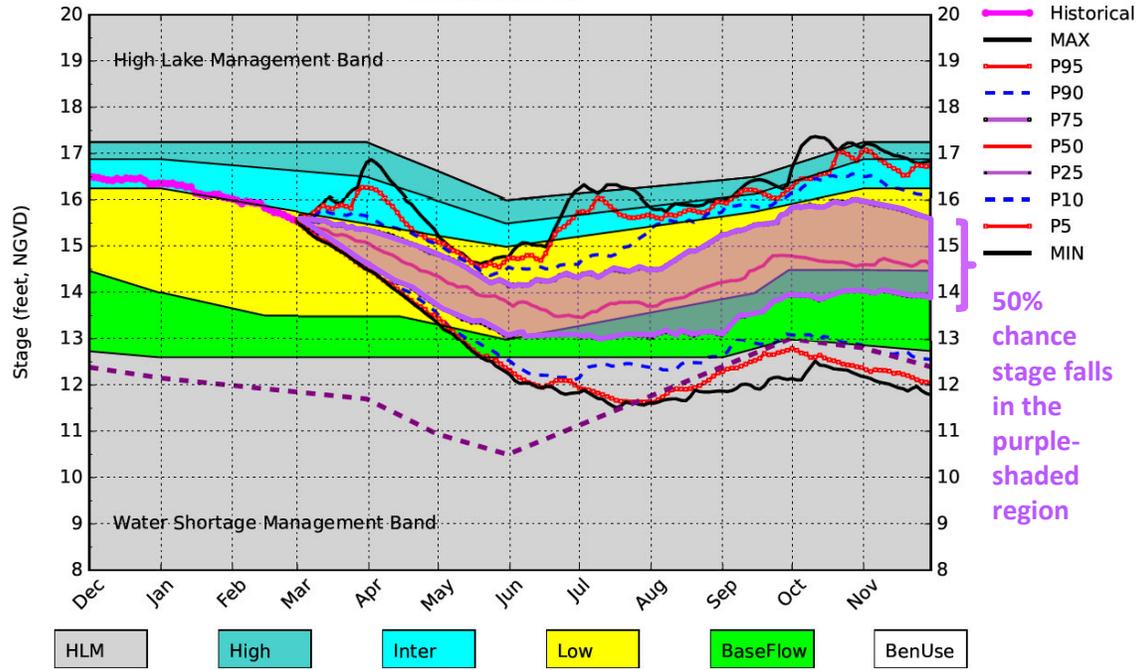
sfwmd.gov

Kissimmee River Floodplain Inundation



Lake Okeechobee SFWMM March 2023 Position Analysis

Percentiles PA



HLM High Inter Low BaseFlow BenUse

(See assumptions on the Position Analysis Results website)

03/06/23 11:16:42

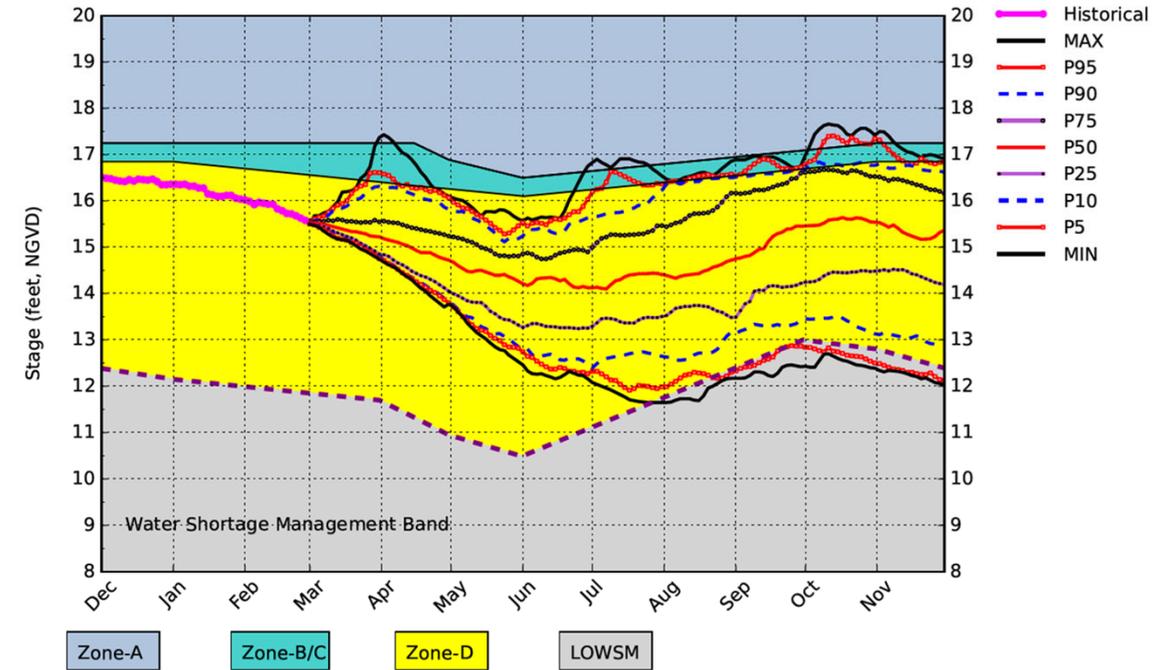
Current Lake Okeechobee Regulation Schedule (LORS2008)

Provisional Tool Under Development for the Proposed July 2023 Water Control Plan (LOSOM PA25)



Lake Okeechobee SFWMM March 2023 Position Analysis

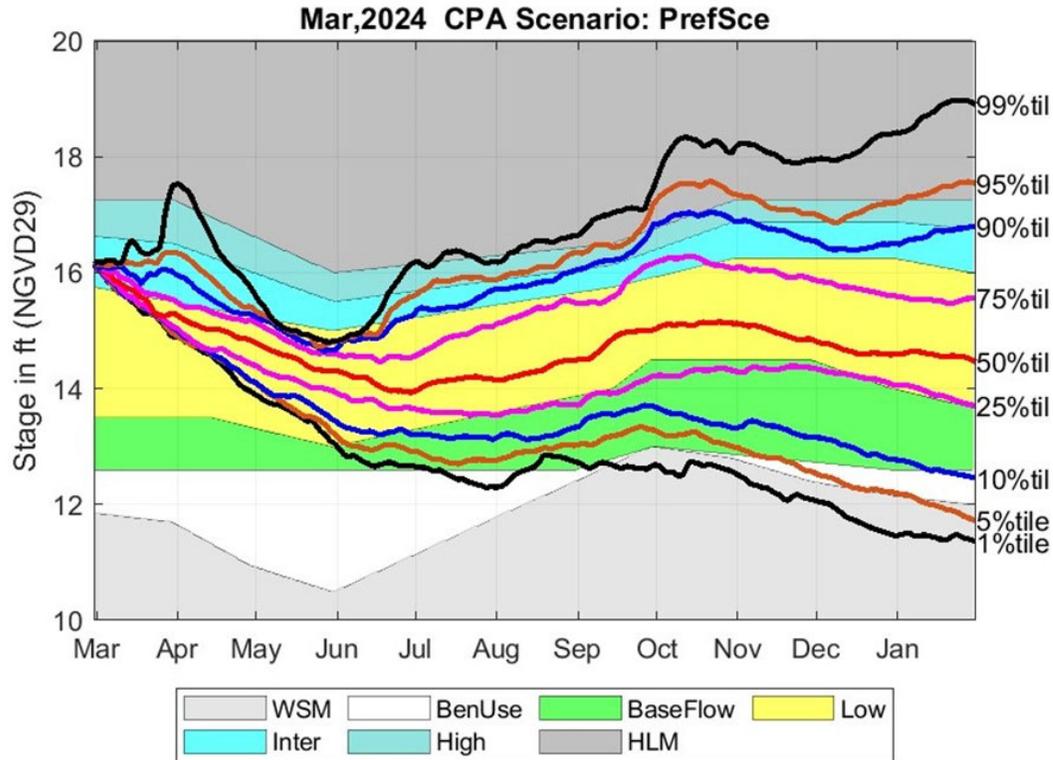
Percentiles PA



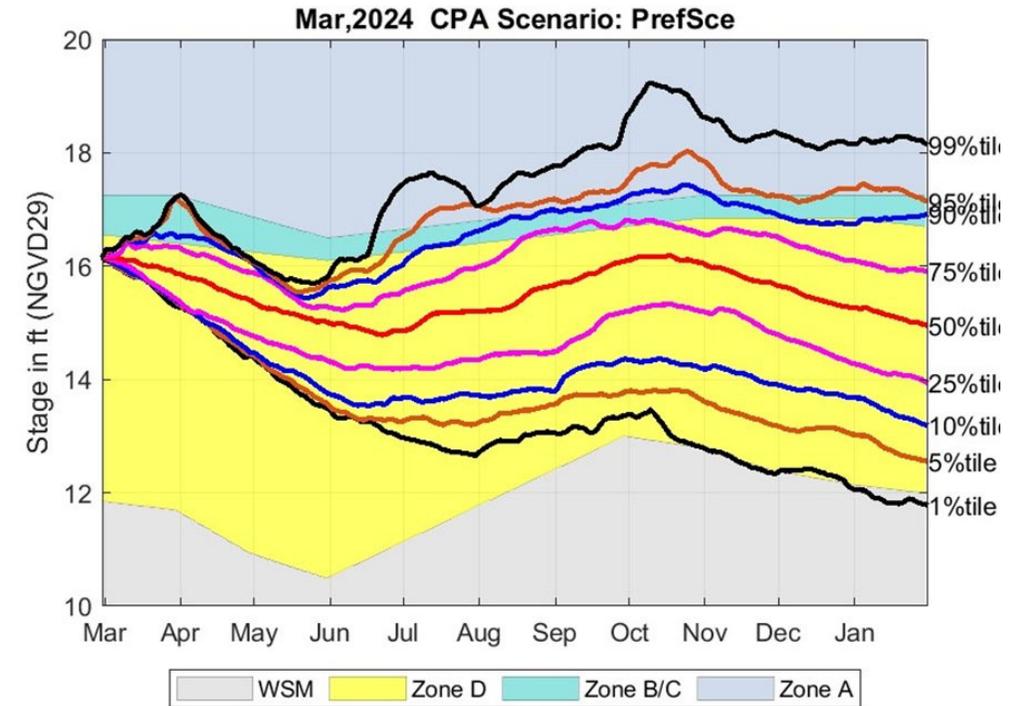
Zone-A Zone-B/C Zone-D LOWSM

(See assumptions on the Position Analysis Results website)

Conditional Position Analysis (CPA)

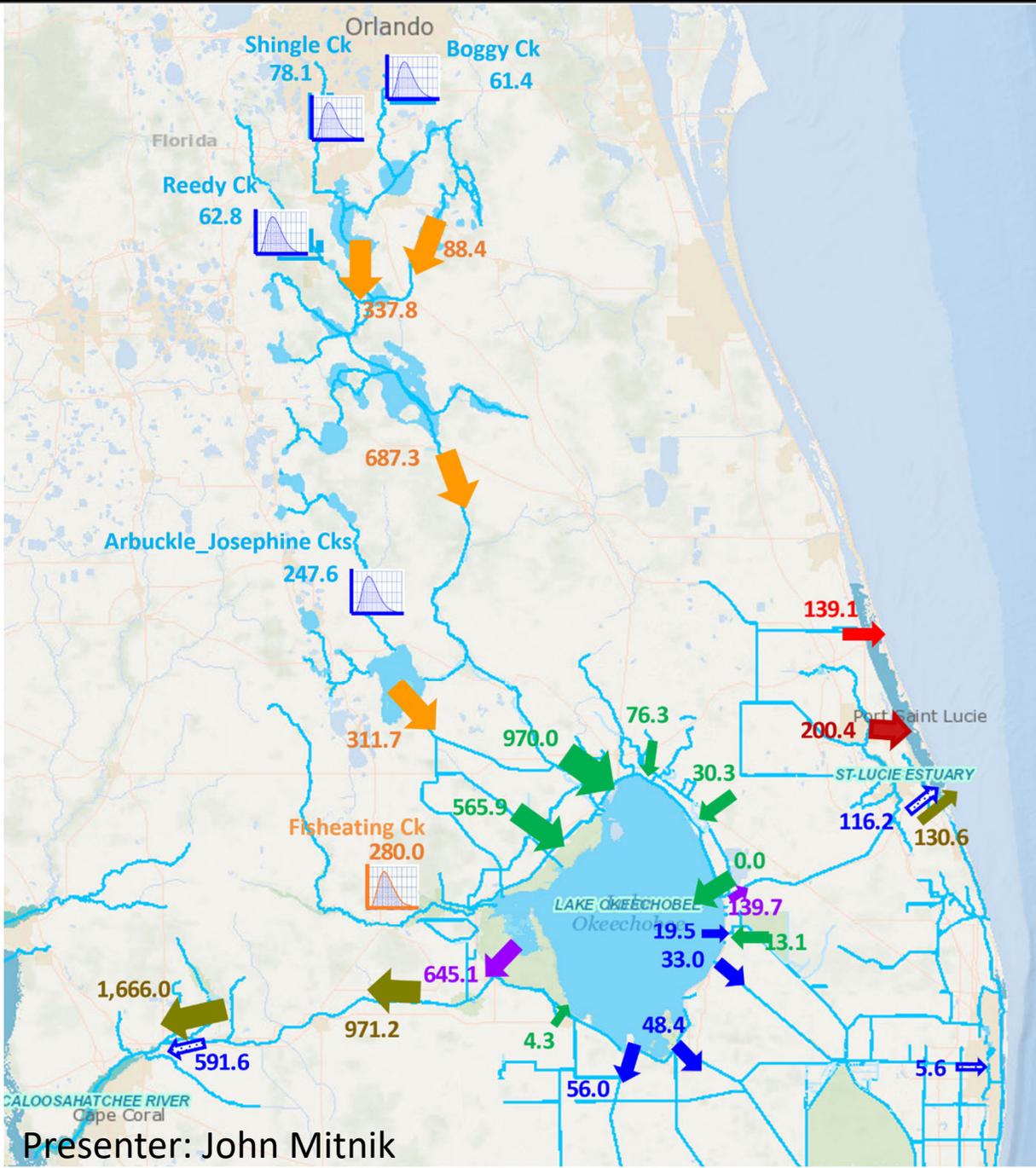


**Current Lake Okeechobee
Regulation Schedule (LORS2008)**



**Provisional Tool Under Development for
the Proposed July 2023 Water Control
Plan (LOSOM PA25)**

- Dynamic Position Analysis (DPA) forecasts stages in the system based on current operational protocols and historical rainfall.
- Conditional Position Analysis (CPA) improves DPA predicted stages by taking into account the anticipated rainfall conditions.
- Conditional Position Analysis (CPA) is a stochastic technique that utilizes robust and well-established approaches, such as Monte Carlo simulation and NonLinear Programming, to correctly apply the rainfall to stage Transition Probability Matrix and recognize non-unique solutions.



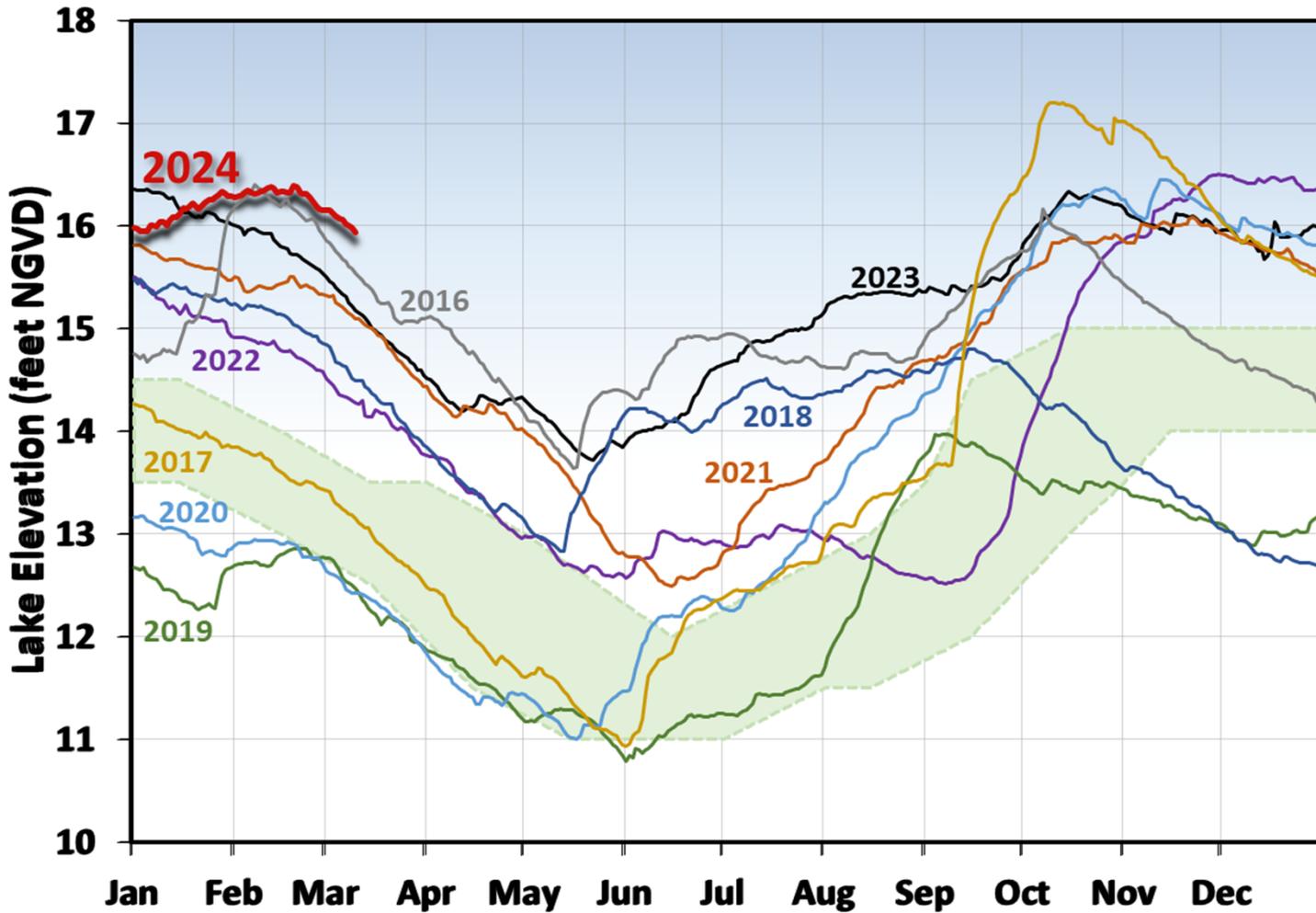
SFWMD – Selected Release Volumes for the Period May 1, 2023 to March 12, 2024
(volumes in 1,000 acre-feet)

Symbol	Description	Volume (1,000 acre- feet)	
		WYR2024	Last Month
	Upper Kissimmee to Lower Kissimmee	687.3	98.8
	Inflows to Lake Okeechobee (including Fisheating Creek)	1,939.9	190.2
	Lake Releases and Basin Runoff	1,796.6	426.0
	Lake Releases East and West	784.8	349.5
	Lake Flood Control to Estuaries	707.8	338.0
	Total Lake Releases South	156.9	46.0
	Releases to Indian River Lagoon	139.1	4.4
	Upper East Coast discharges to St. Lucie Estuary	200.4	10.1
	Uncontrolled flows - Creeks (does not include Fisheating Creek)	449.9	30.0

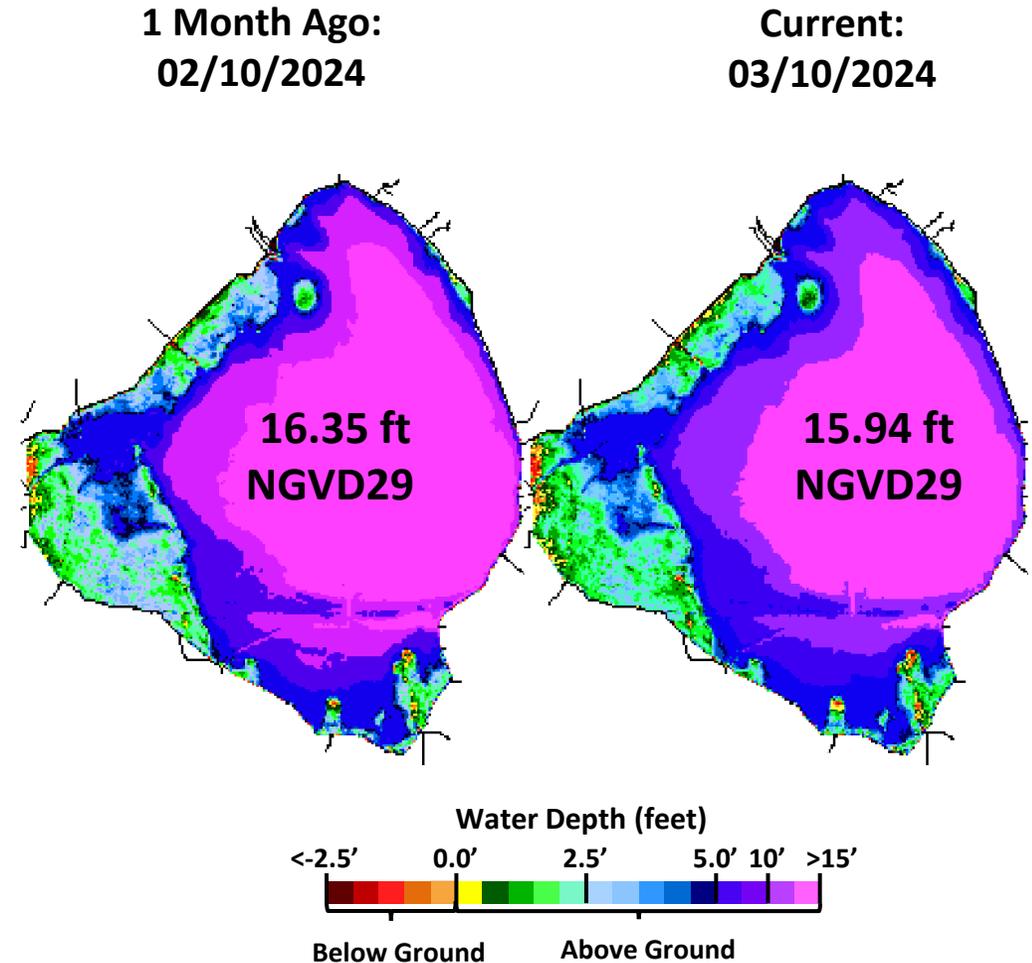
1,000 acre-feet = 325.9 Million Gallons

Ecological Envelope and Water Depths

Lake Okeechobee Stage vs Ecological Envelope



Changes in Water Depth

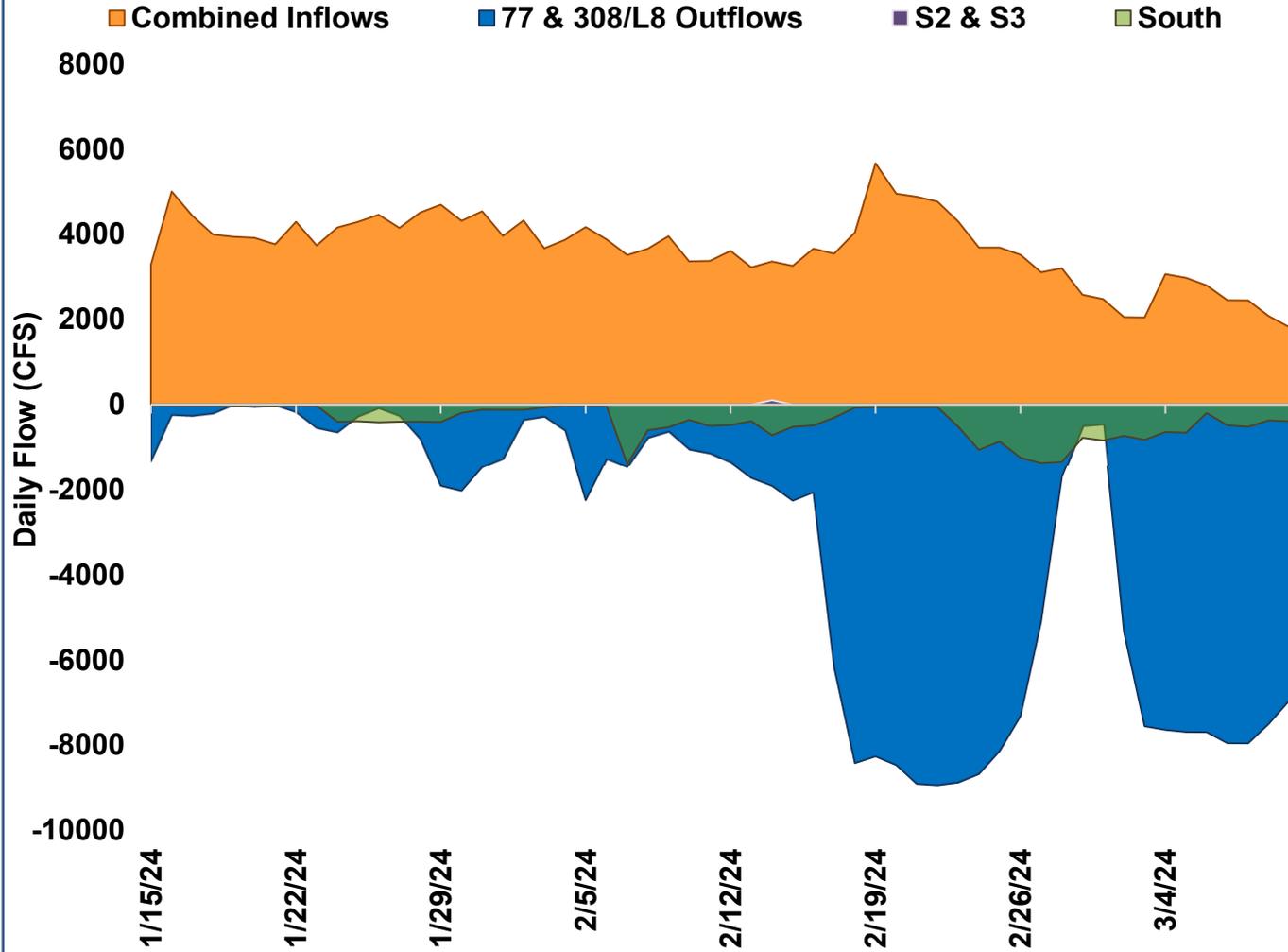
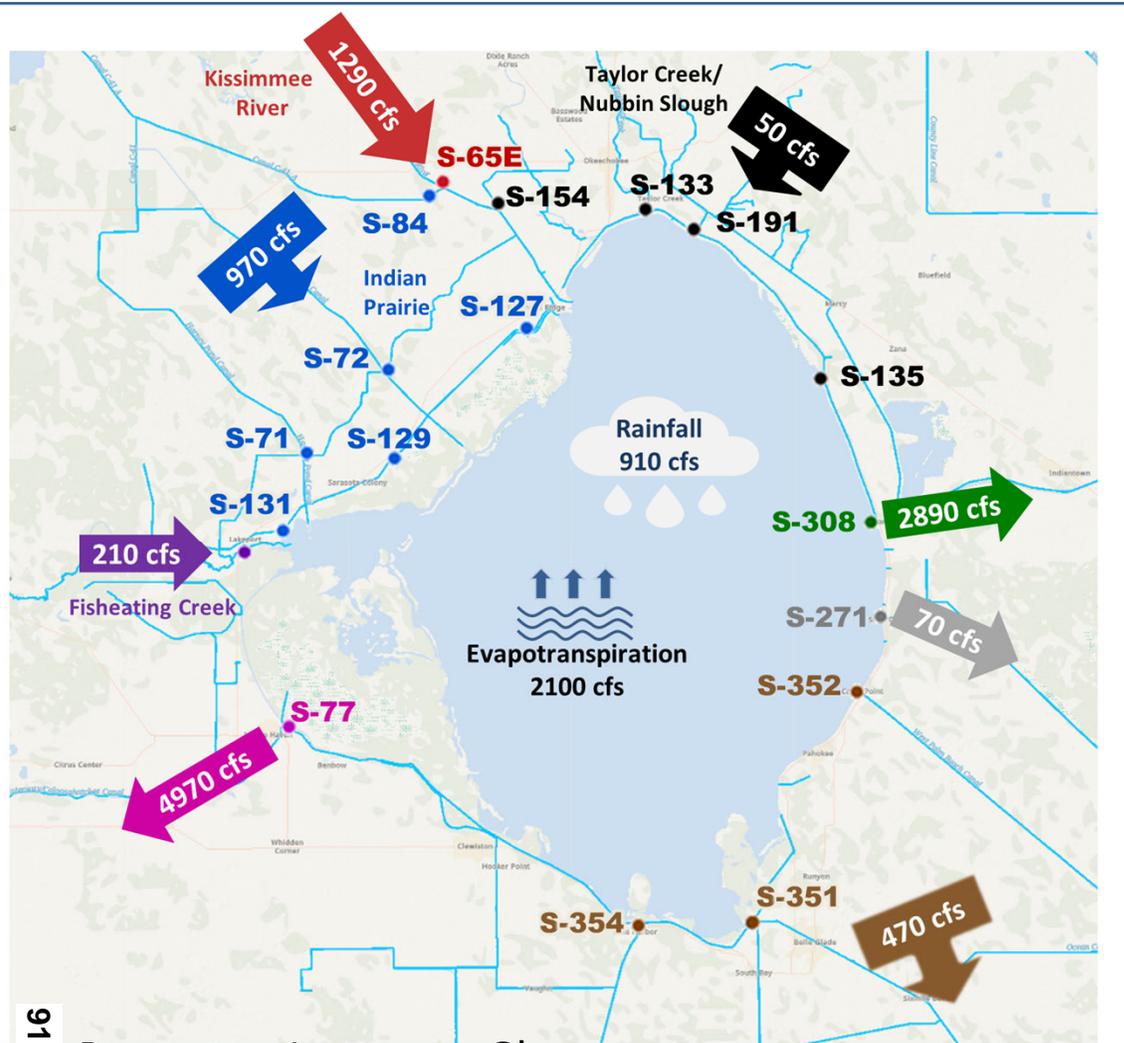


Lake Okeechobee Hydrology

(*Provisional Data)

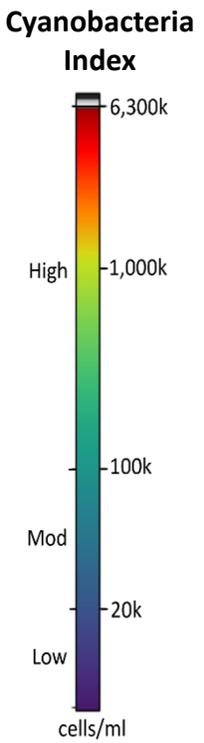
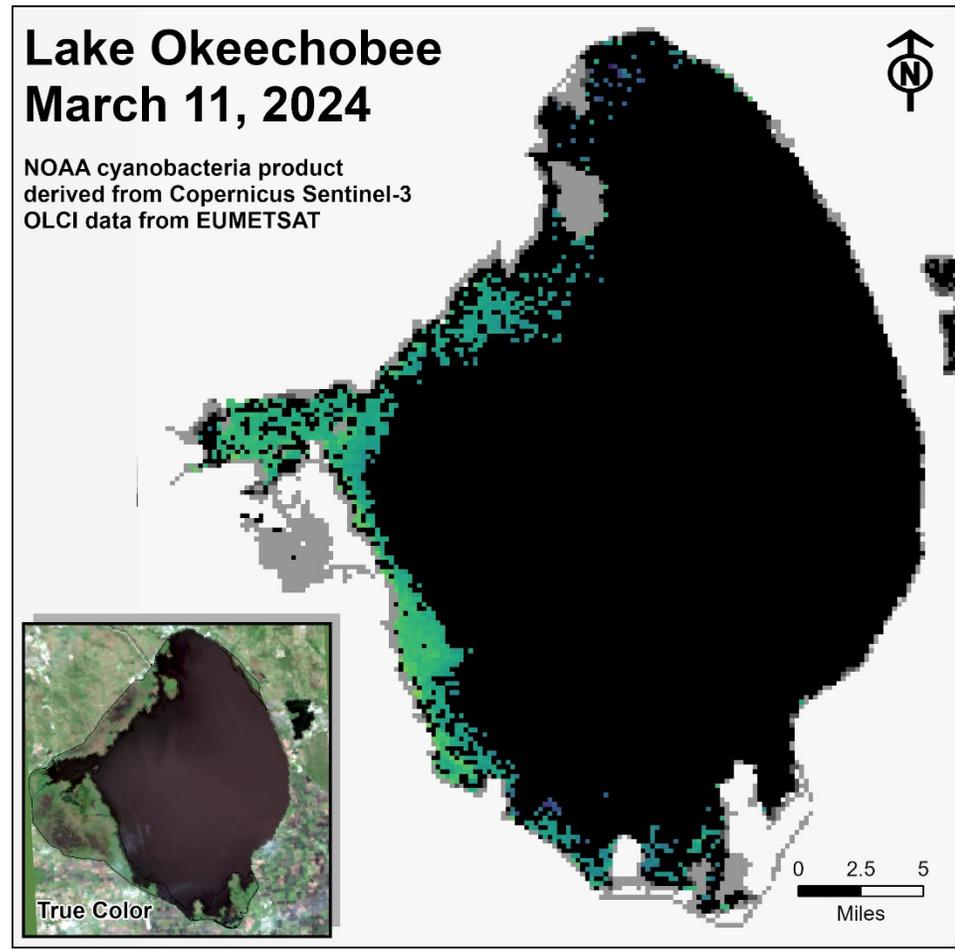
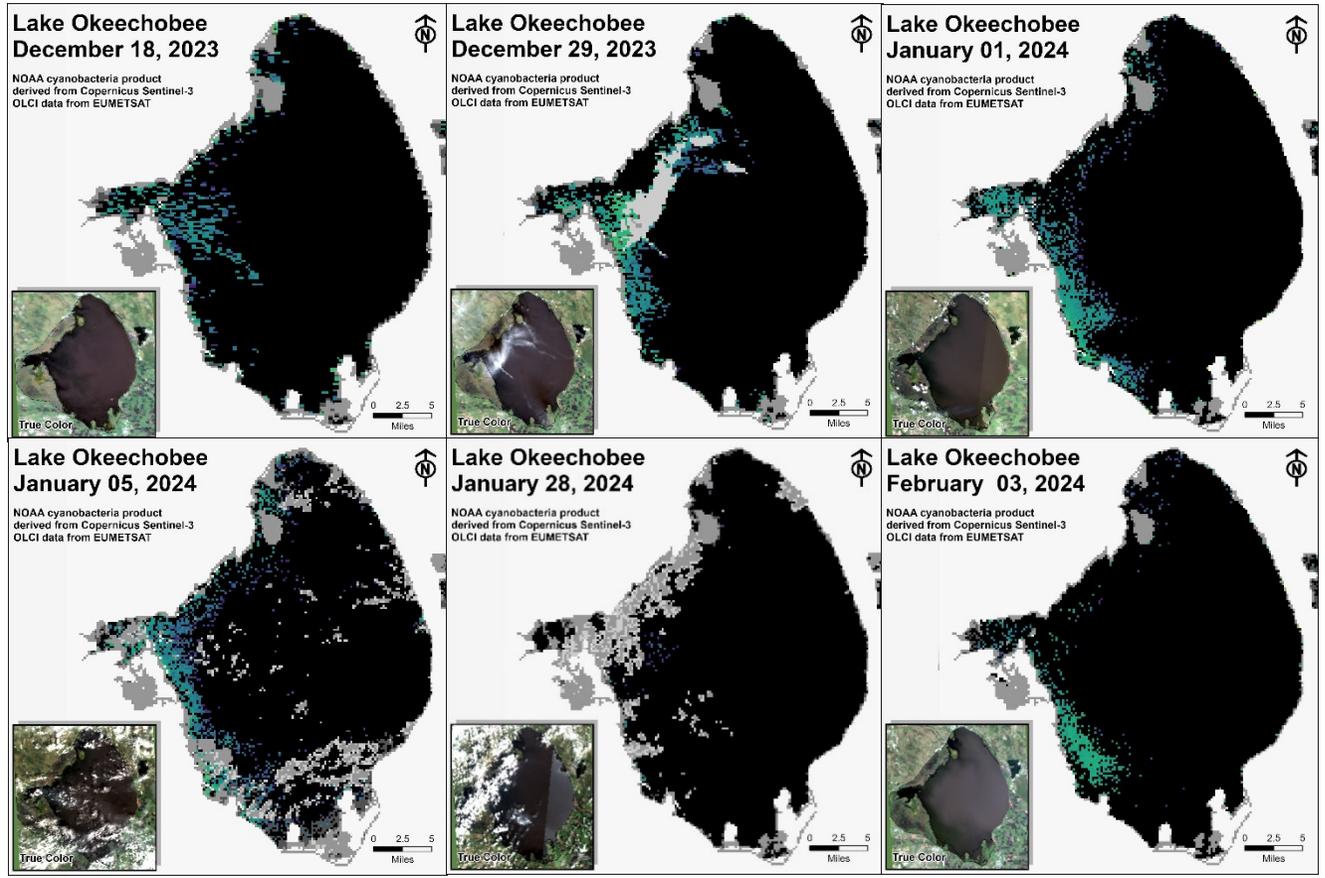
Mar 04- 10, 2024 Inflows and Outflows

Prior 8 Weeks Inflows and Outflows



Lake Okeechobee

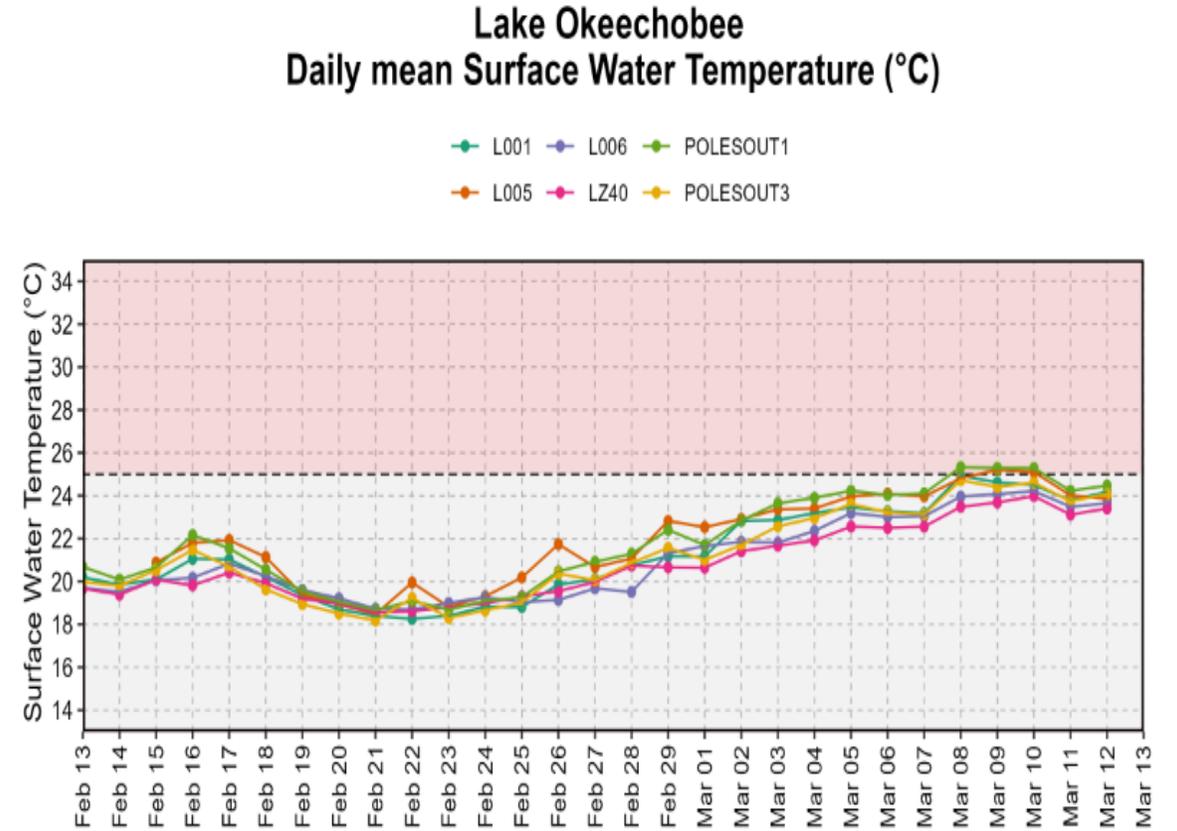
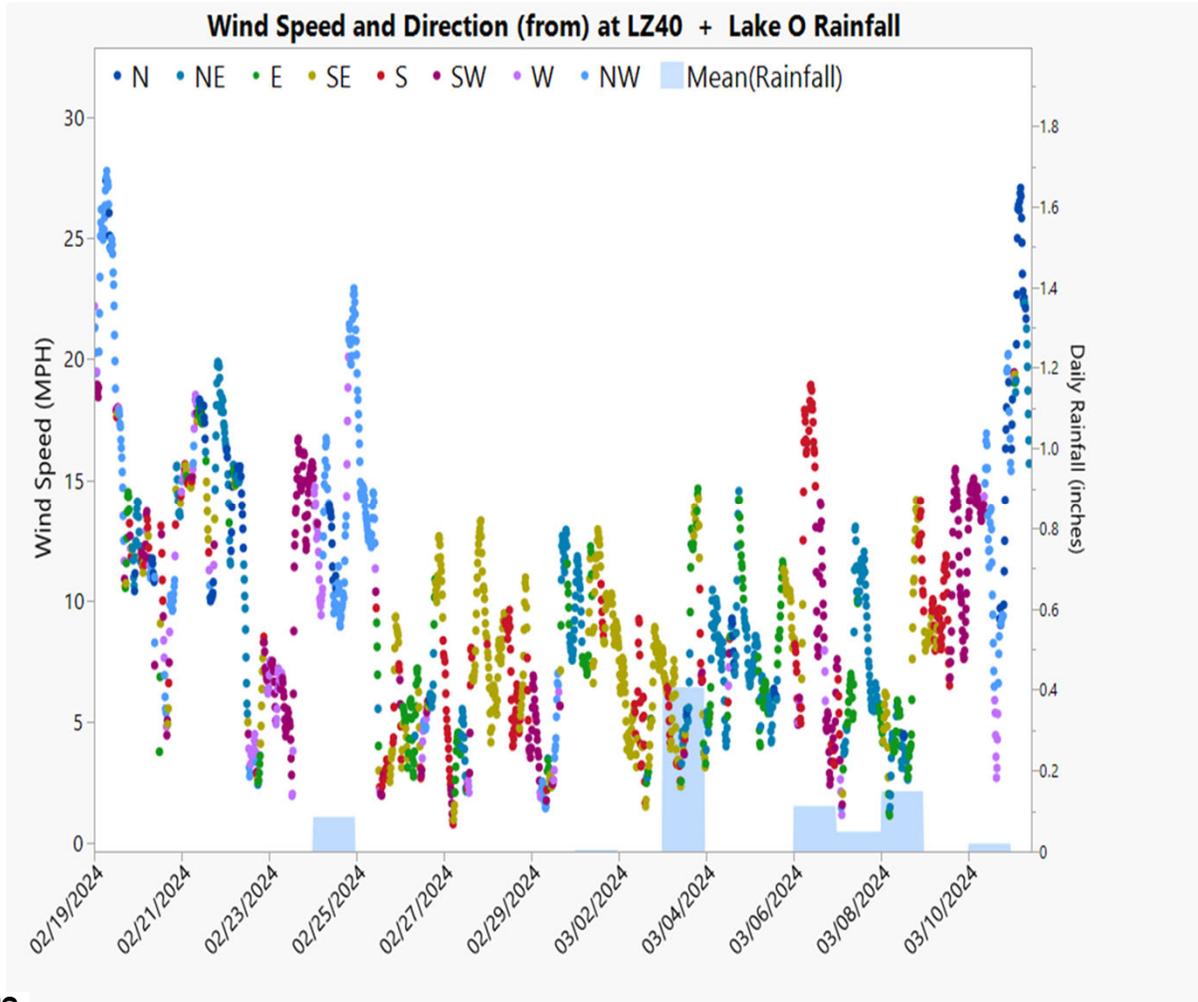
Cyanobacteria Bloom Distribution and Intensity

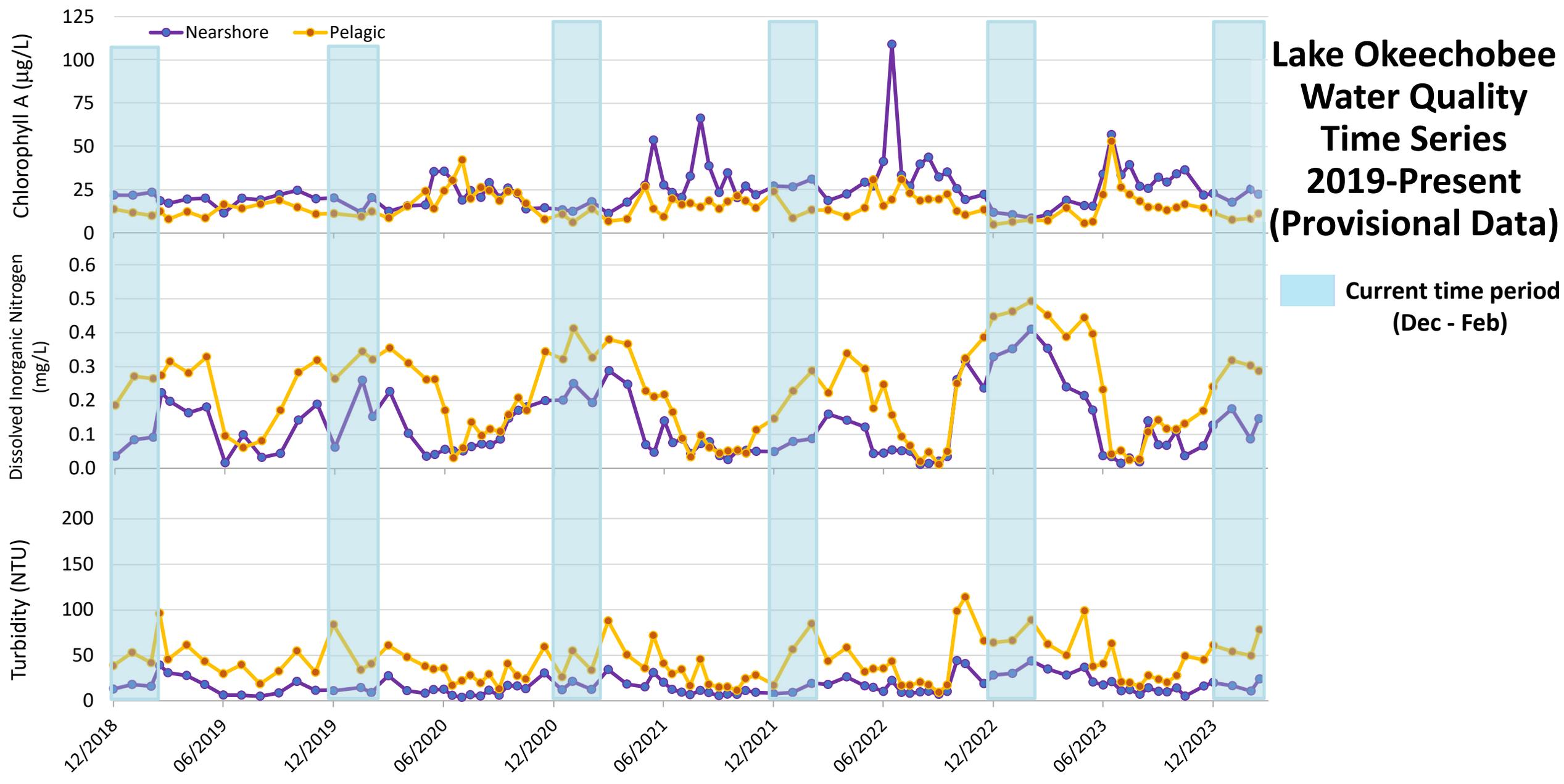


NOAA cyanobacteria product derived from Copernicus Sentinel-3 OLCI data from EUMETSAT

Lake Okeechobee

Wind Speed, Direction and Surface Water Temperature

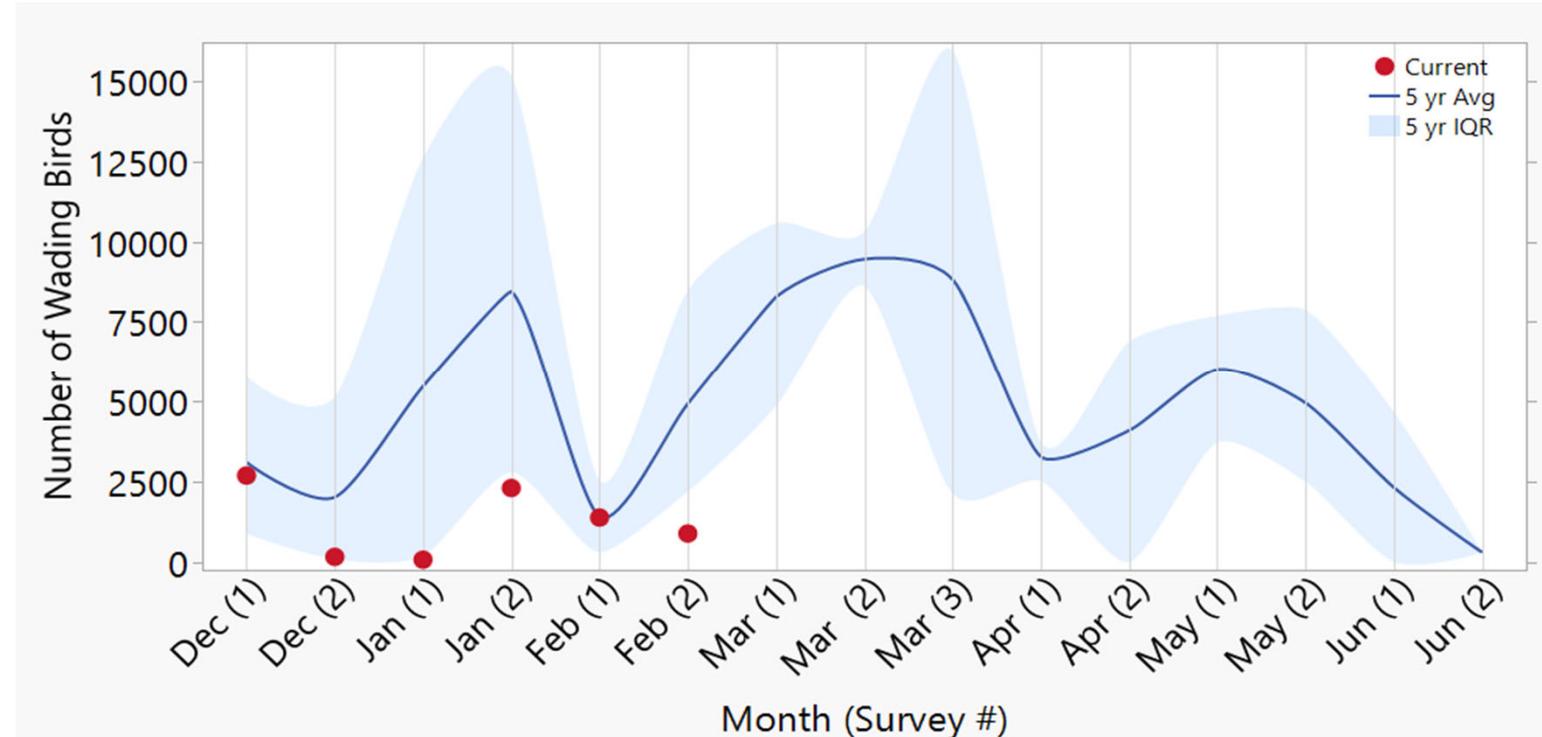
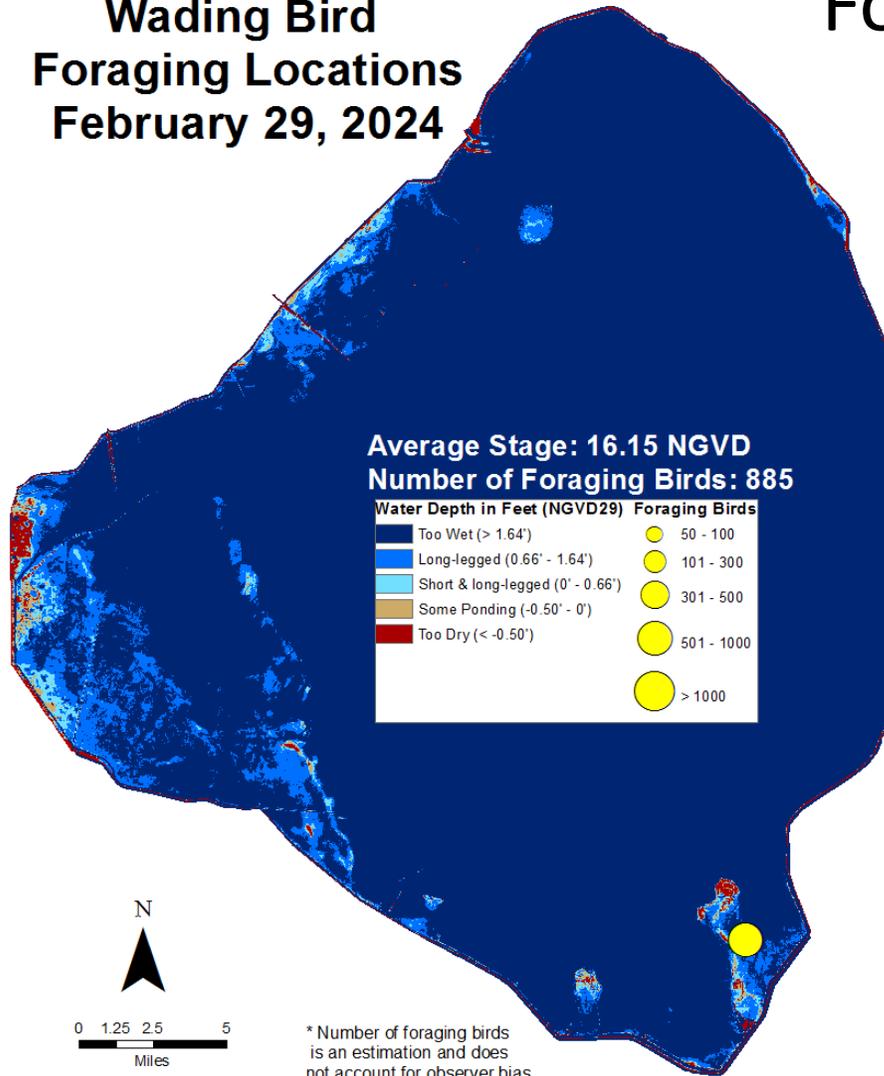




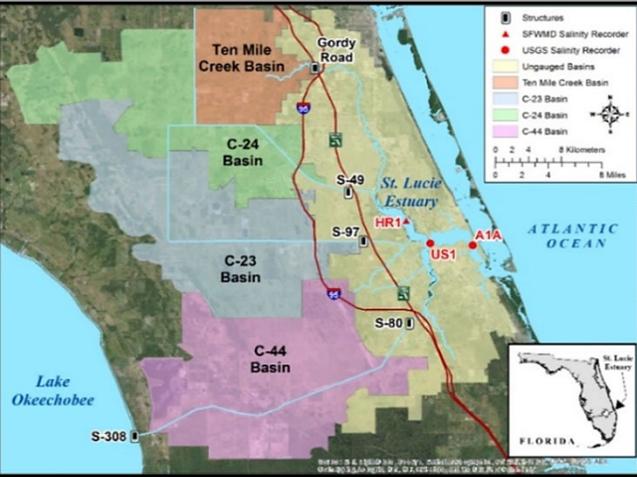
Lake Okeechobee

Foraging Wading Birds

Wading Bird
Foraging Locations
February 29, 2024



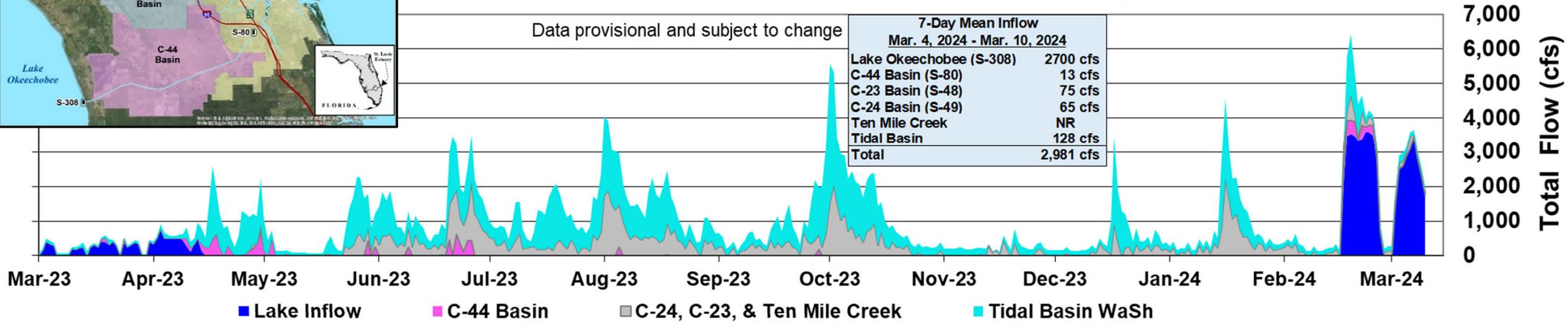
St. Lucie Inflows and Salinity Conditions



Total Daily Inflow into the St. Lucie Estuary

Data provisional and subject to change

7-Day Mean Inflow Mar. 4, 2024 - Mar. 10, 2024	
Lake Okeechobee (S-308)	2700 cfs
C-44 Basin (S-80)	13 cfs
C-23 Basin (S-48)	75 cfs
C-24 Basin (S-49)	65 cfs
Ten Mile Creek	NR
Tidal Basin	128 cfs
Total	2,981 cfs

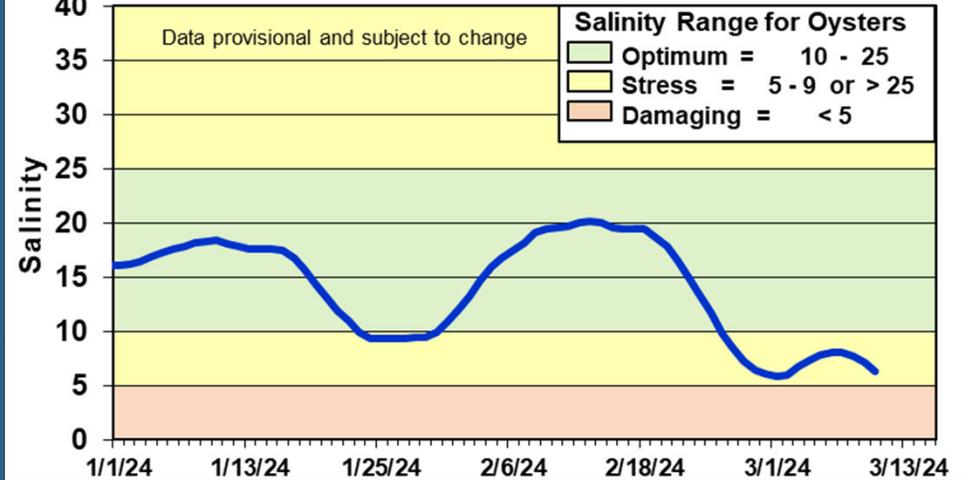


1 Month Ago:
Feb. 4, 2024

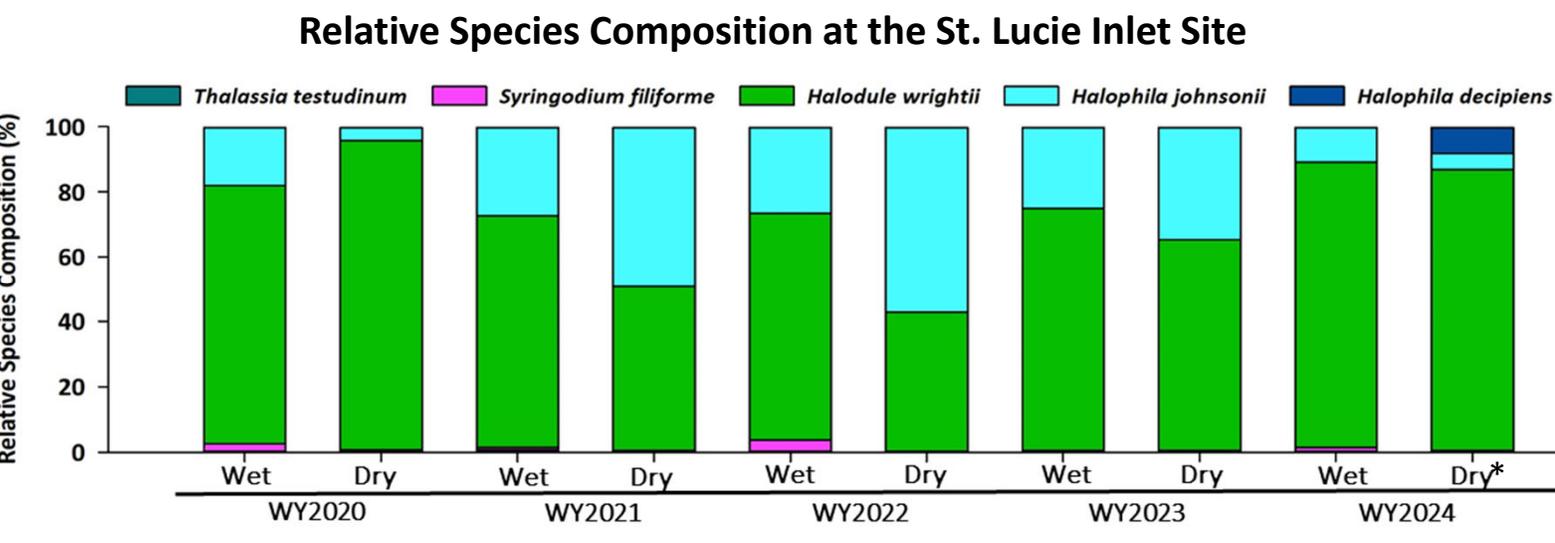
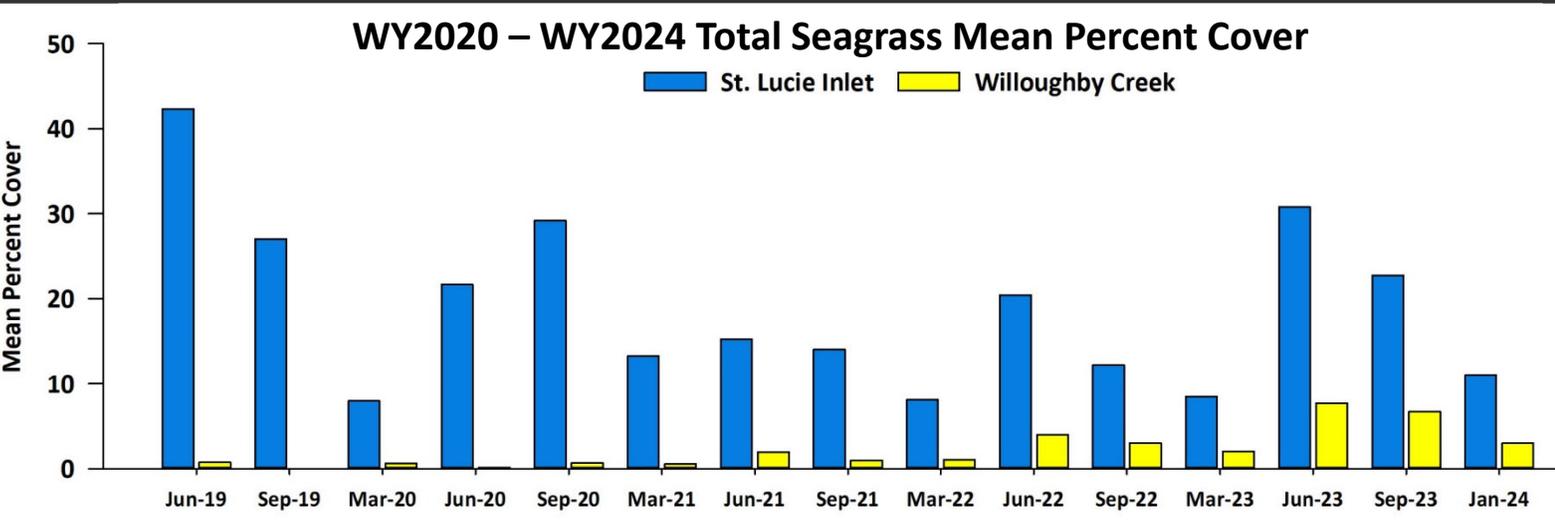
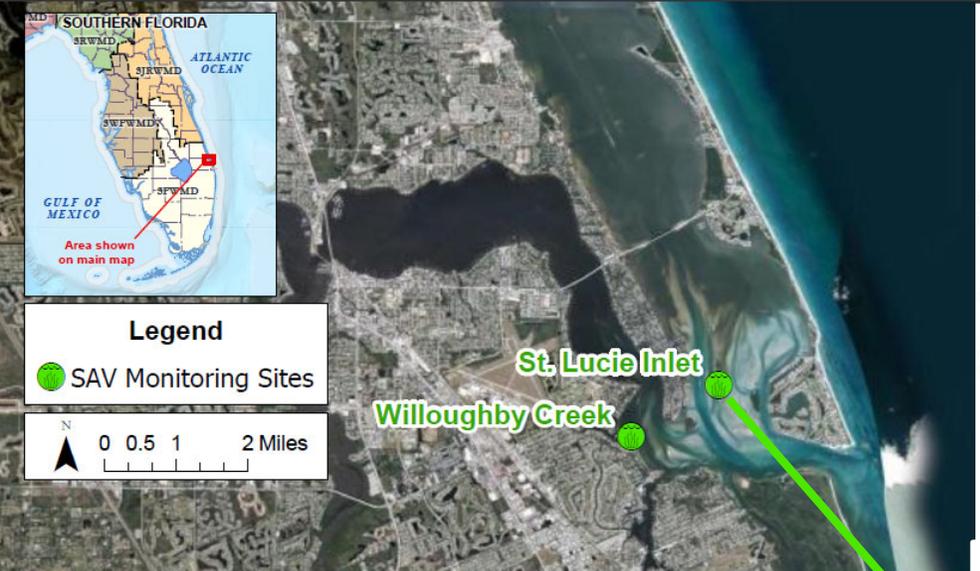
Current:
Mar. 10, 2024



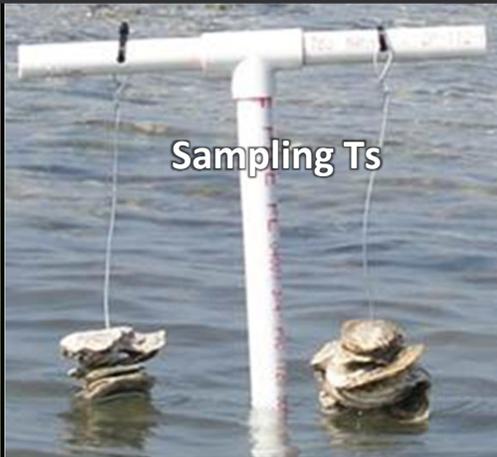
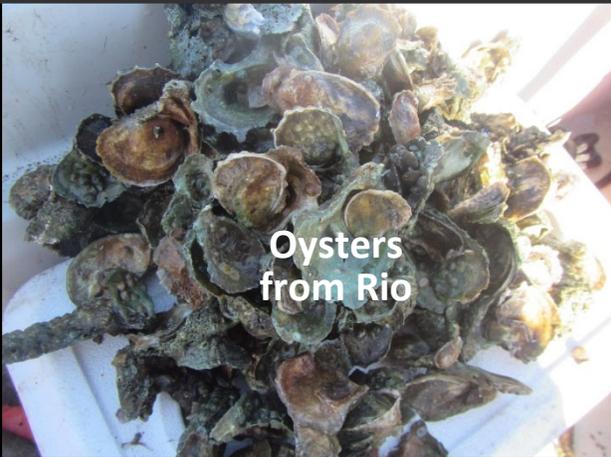
Seven-day mean salinity of the water column at US1 Bridge in the St. Lucie Estuary



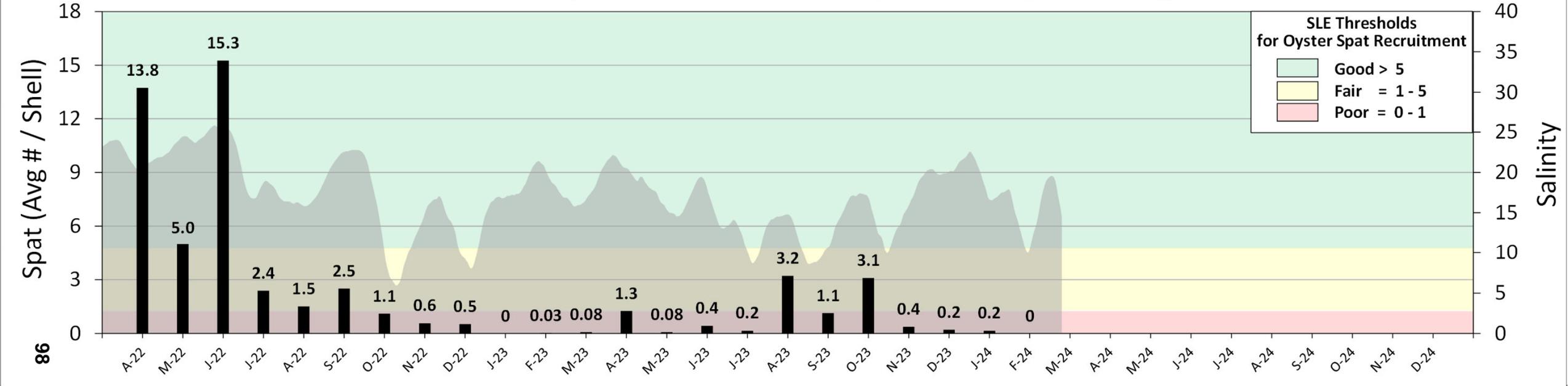
St. Lucie Estuary – Submerged Aquatic Vegetation



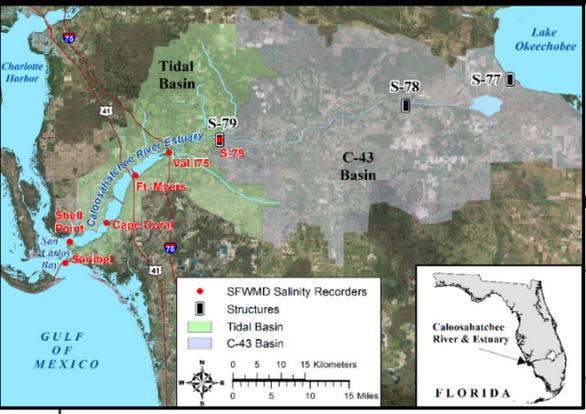
St. Lucie Estuary – Oyster Recruitment



2022 - 2024 Rio Oyster Recruitment and 14-Day Mean Salinity at US1 Bridge



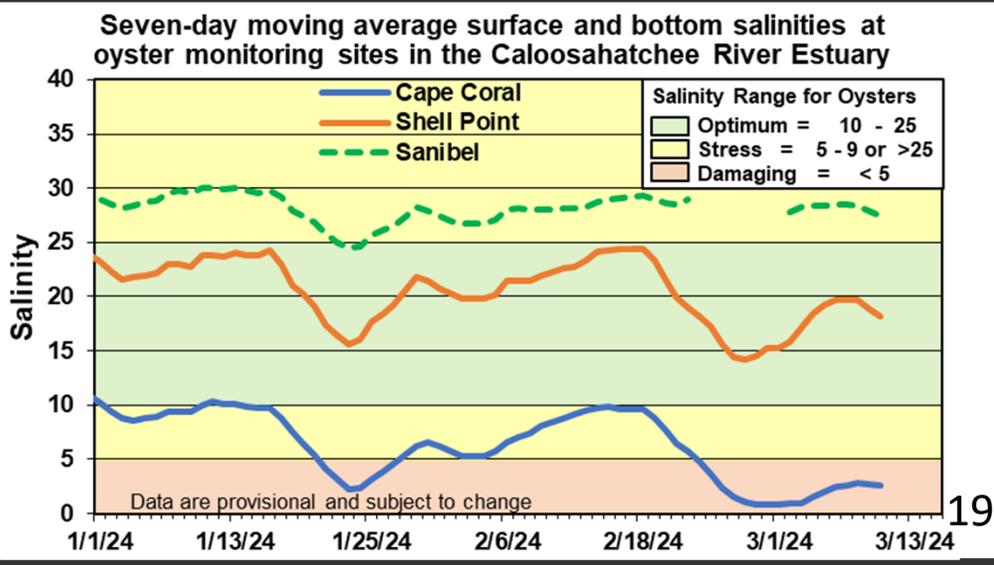
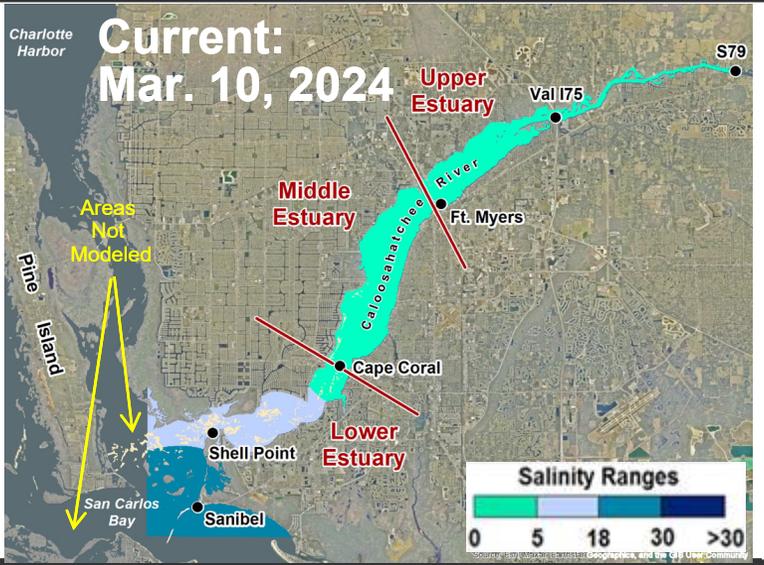
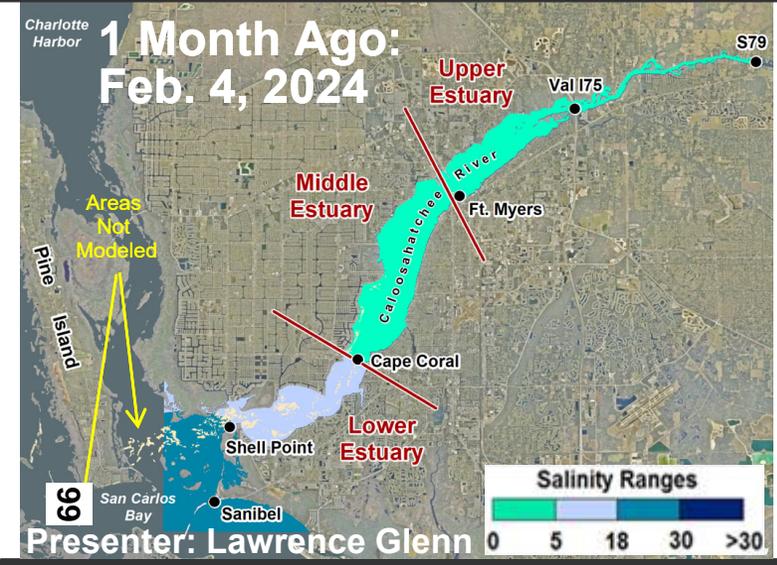
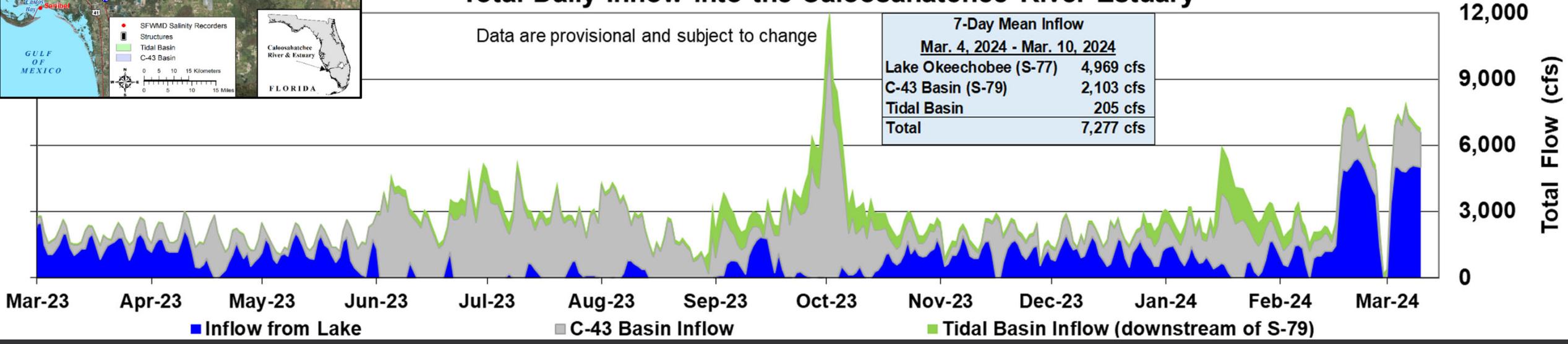
Caloosahatchee Inflows and Salinity Conditions



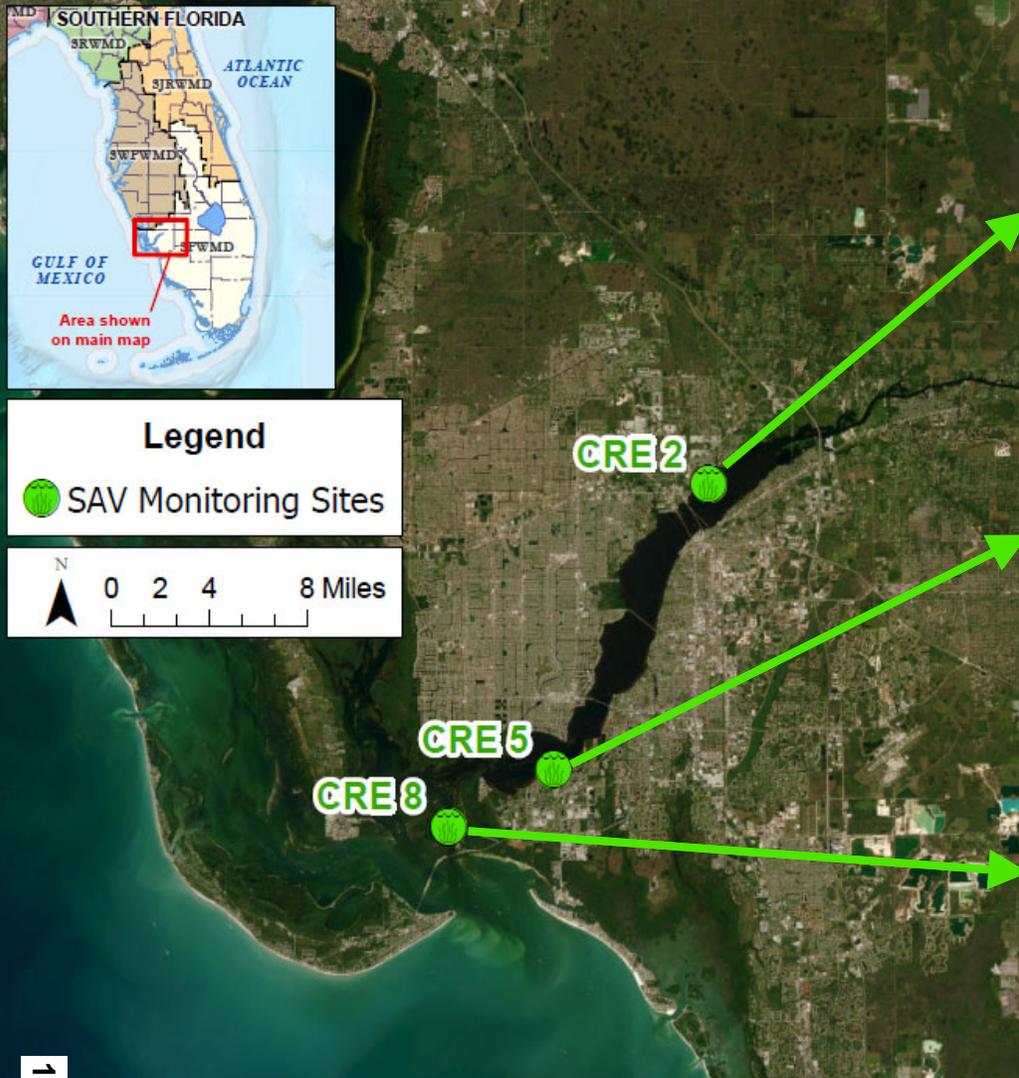
Total Daily Inflow into the Caloosahatchee River Estuary

Data are provisional and subject to change

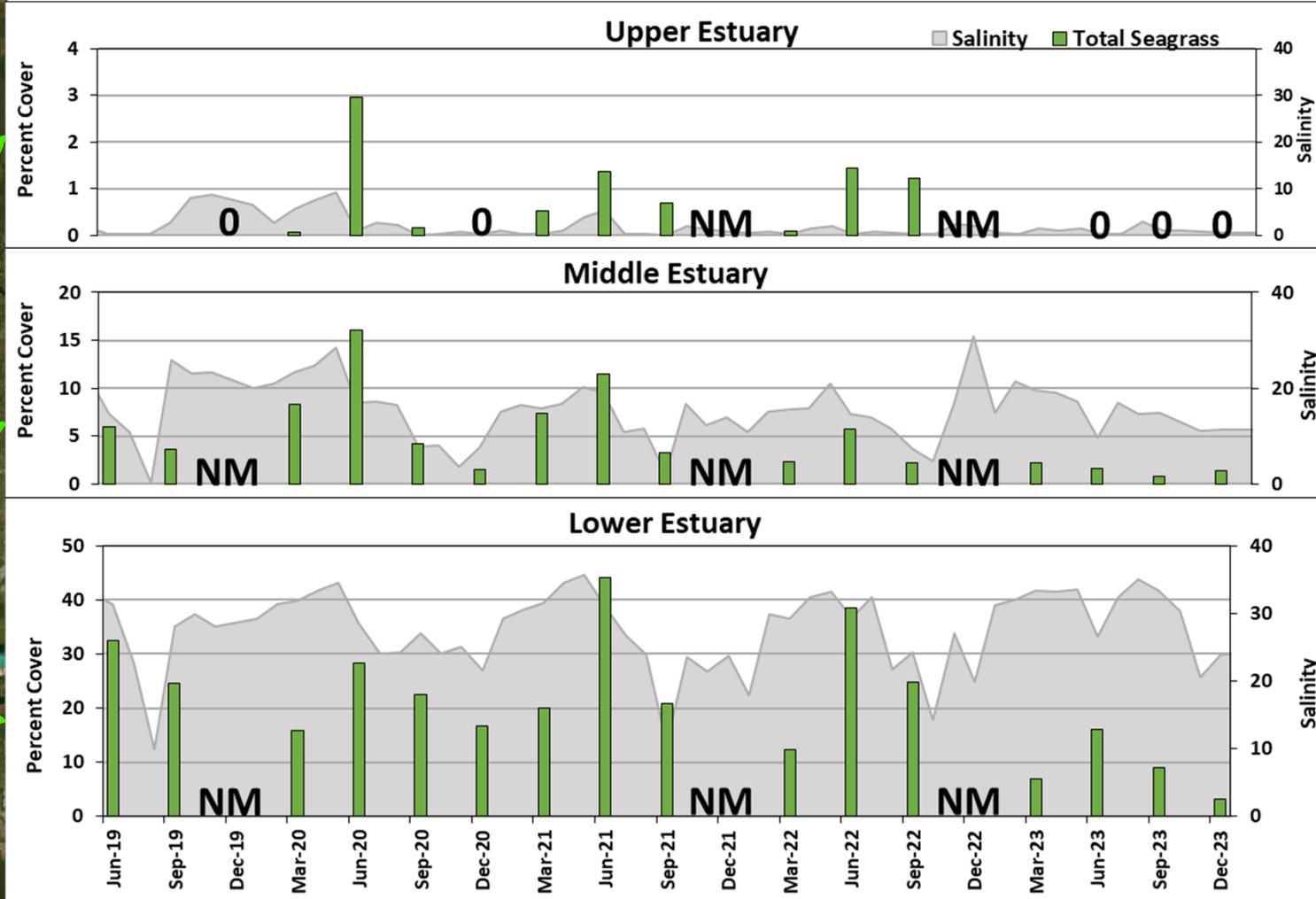
7-Day Mean Inflow	
Mar. 4, 2024 - Mar. 10, 2024	
Lake Okeechobee (S-77)	4,969 cfs
C-43 Basin (S-79)	2,103 cfs
Tidal Basin	205 cfs
Total	7,277 cfs



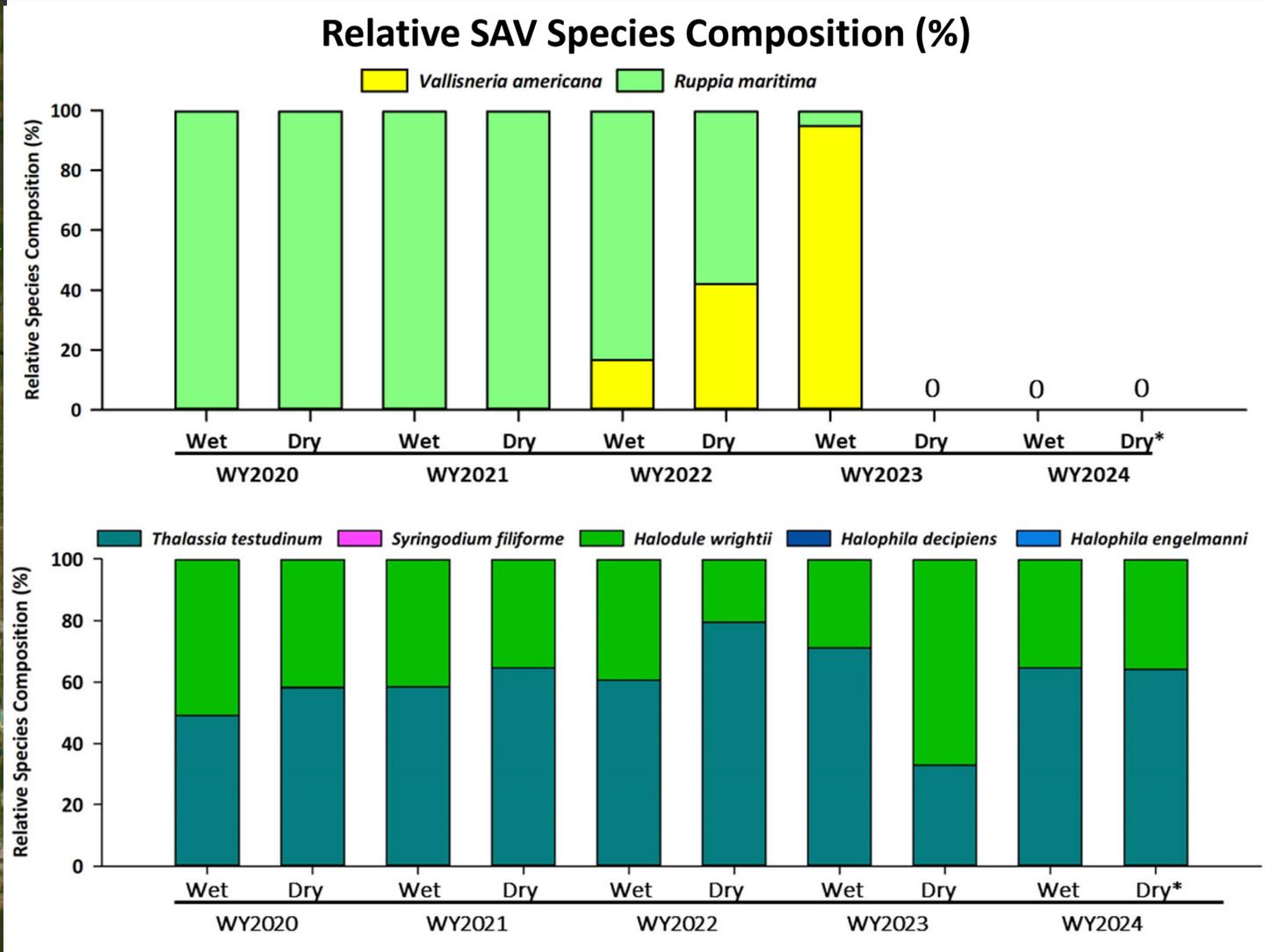
Caloosahatchee River Estuary – Submerged Aquatic Vegetation



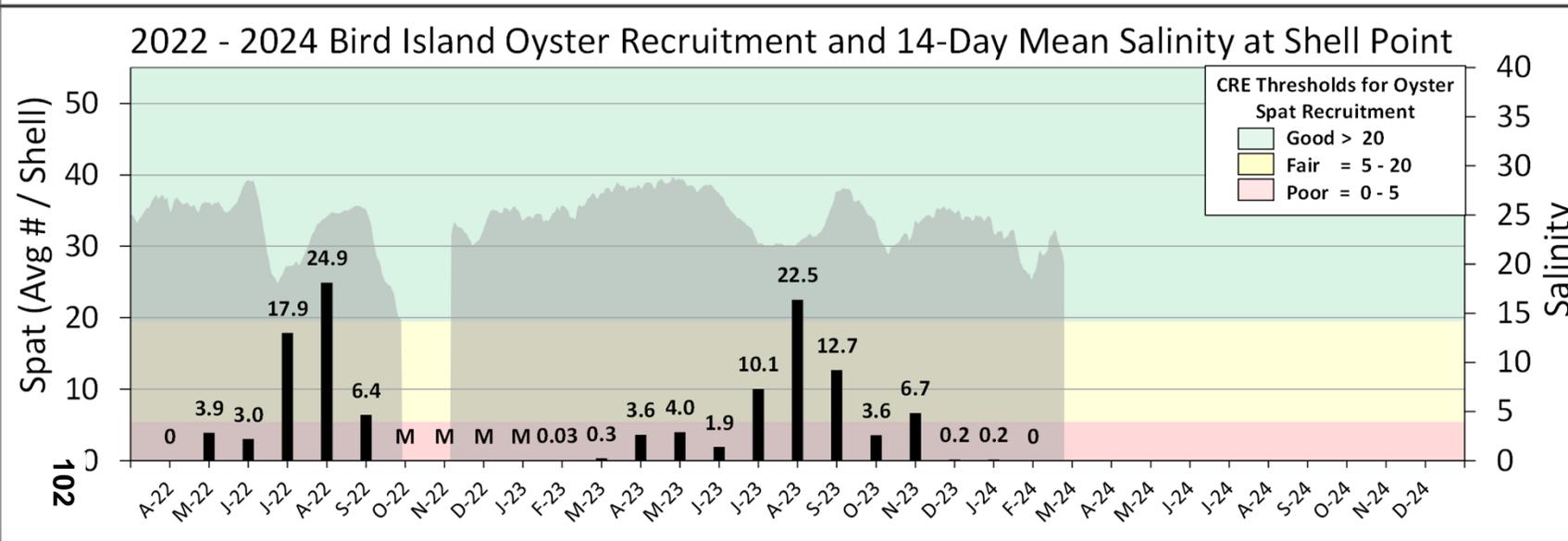
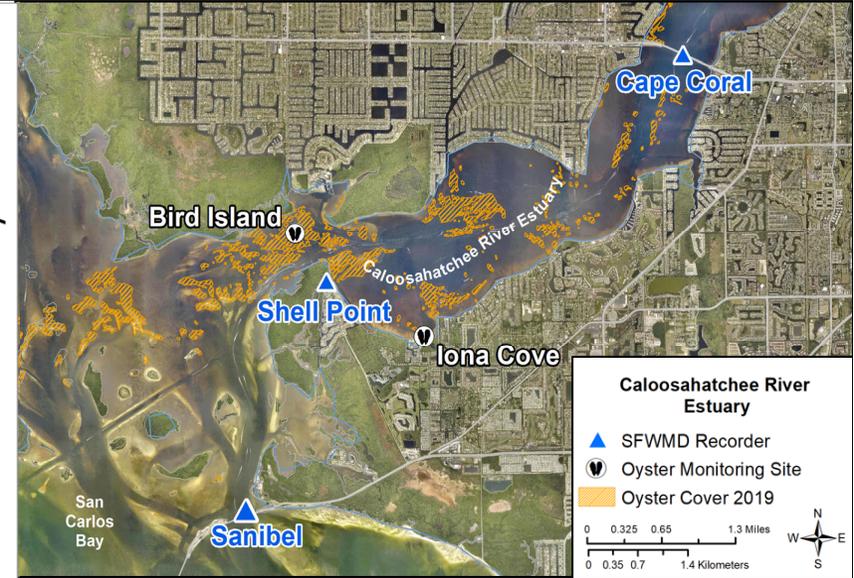
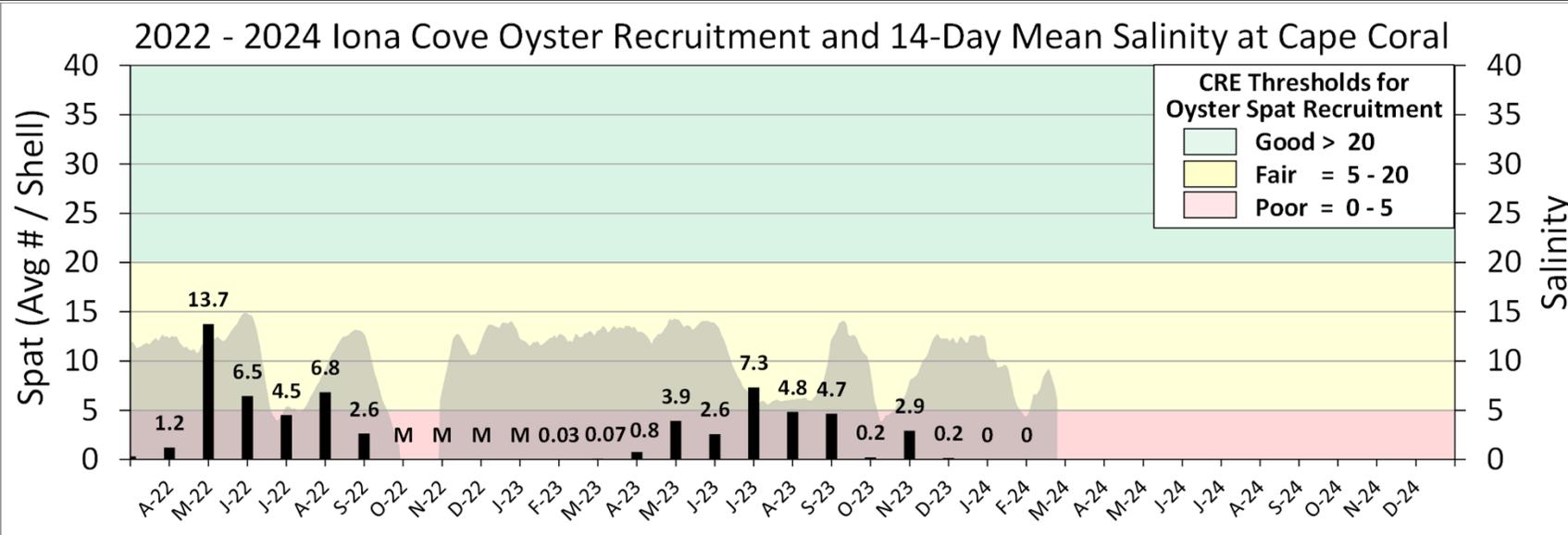
WY2020 to WY2024 Total Seagrass Mean Percent Cover



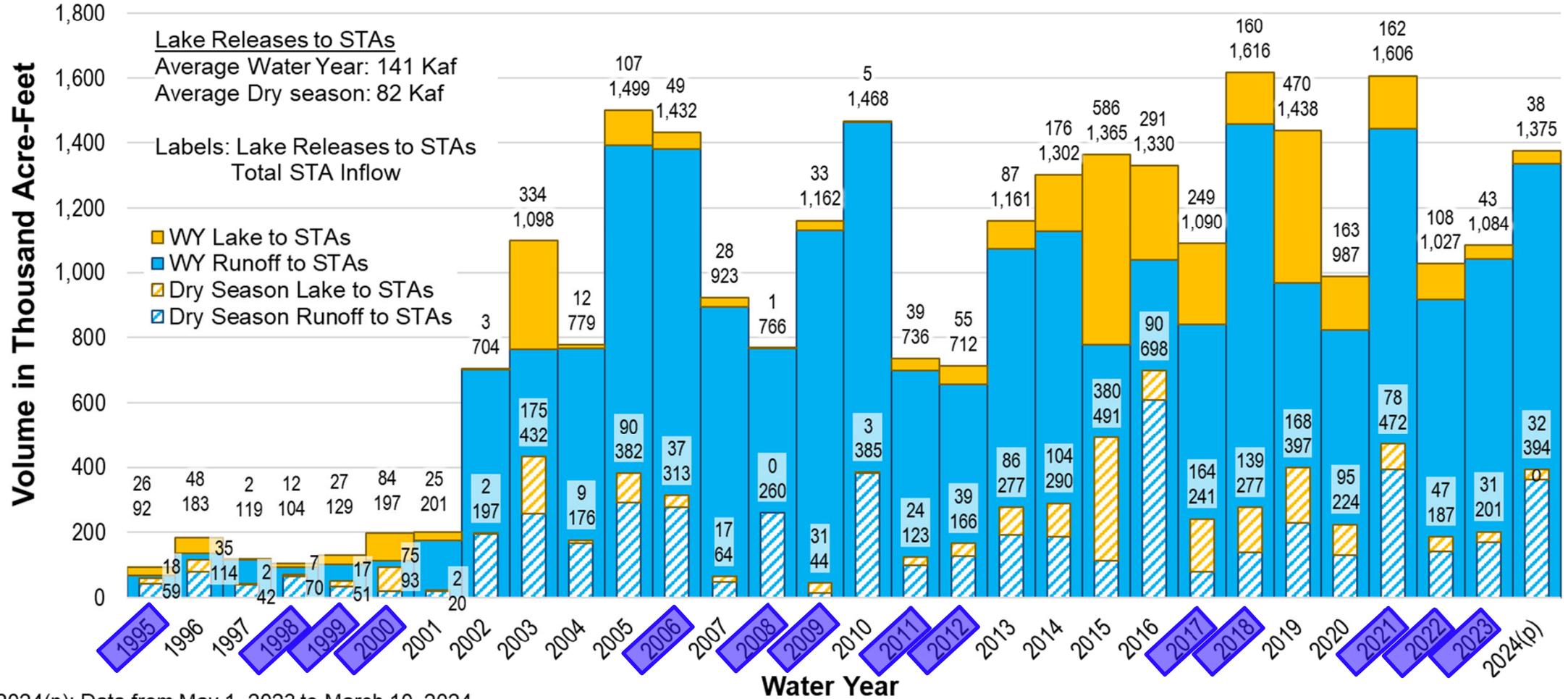
Caloosahatchee River Estuary – Submerged Aquatic Vegetation



Caloosahatchee River Estuary – Oyster Recruitment



Total STA Inflow and Lake Releases to STAs

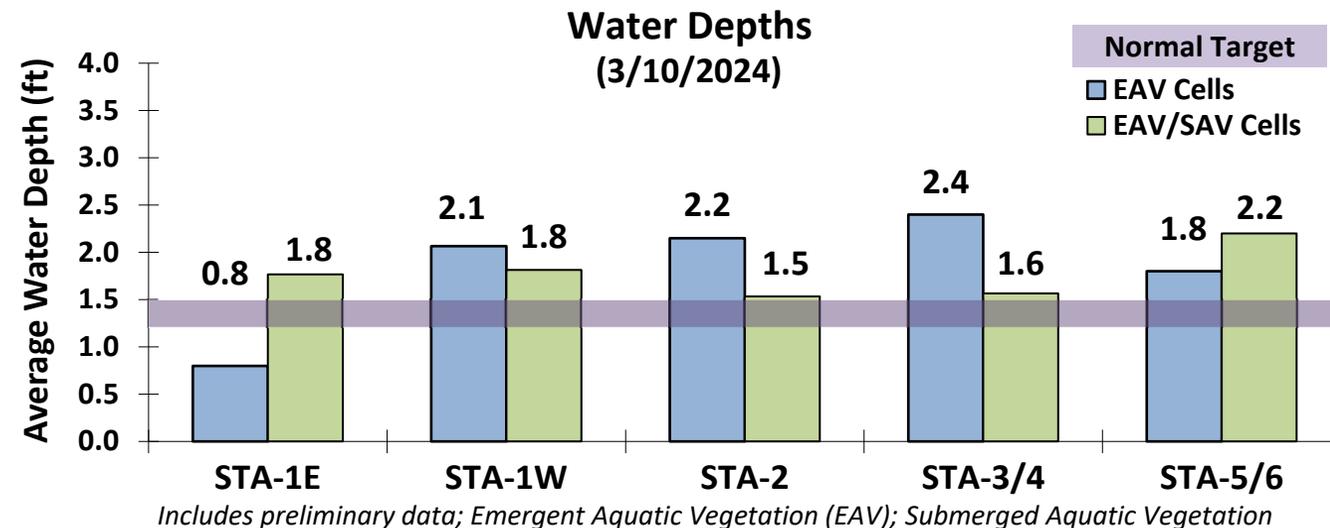
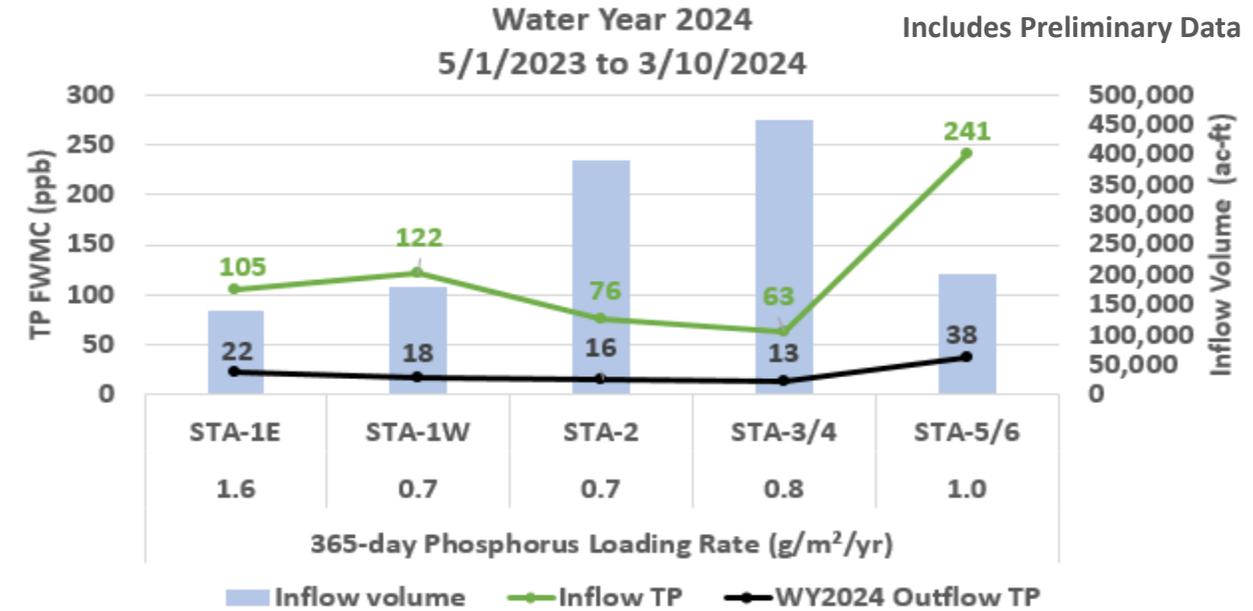


2024(p): Data from May 1, 2023 to March 10, 2024.

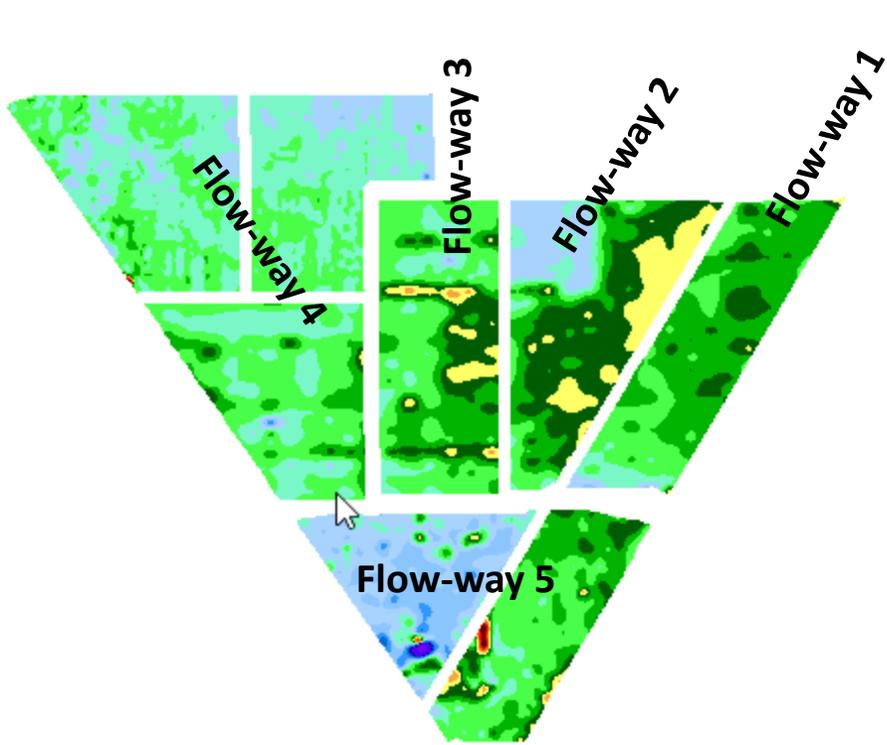
La Niña Water Years

Everglades Stormwater Treatment Areas - STAs

- STAs treated basin runoff and Lake Okeechobee releases in February
 - Total WY2024 inflows to STAs (5/1/2023 to 3/10/2024): ~1,360,000 ac-ft
 - Lake Okeechobee releases to FEBs/STAs in WY2024: ~38,000 ac-ft
- Extensive vegetation management activities underway to address stressed and highly stressed vegetation in EAV cells
- Most treatment cells are at or above target water depth

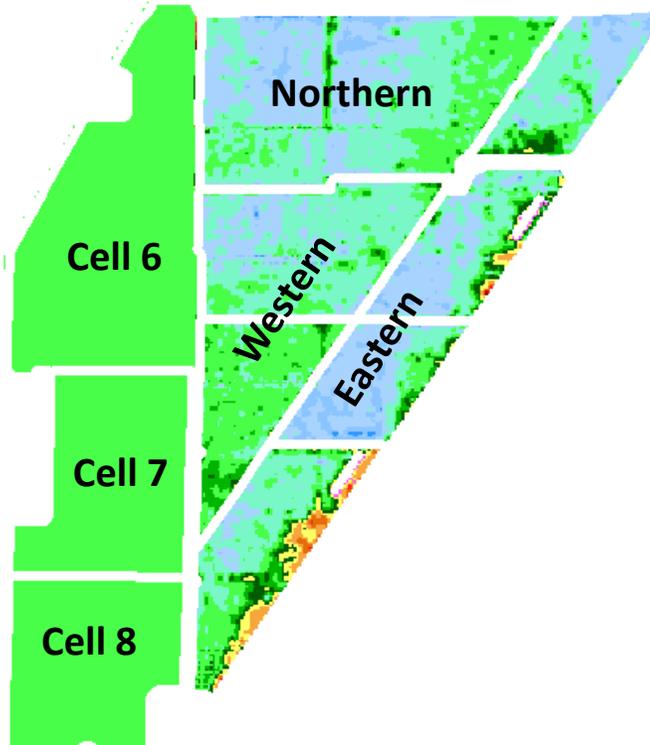


Stormwater Treatment Areas Water Depths



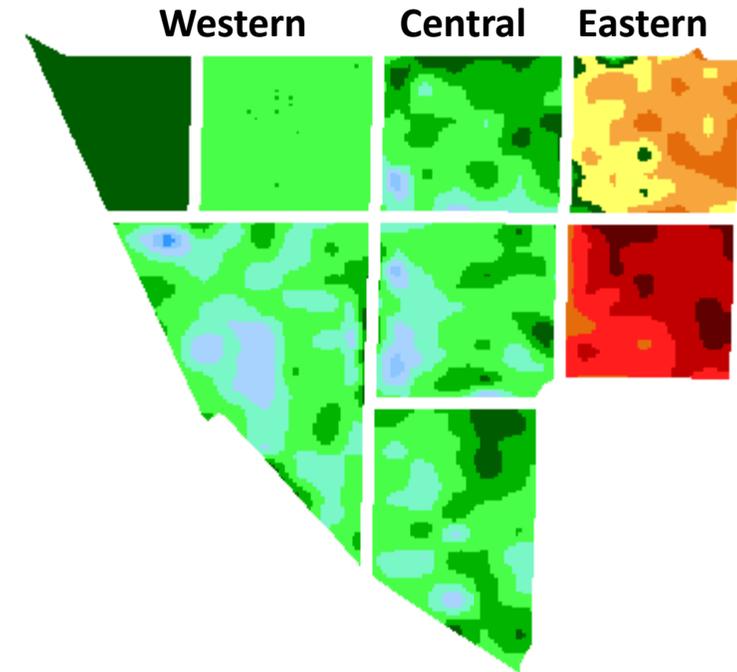
Flow-Way	Restrictions
1	On-line; upstream nuisance vegetation control
2	On-line; vegetation management; upstream nuisance vegetation control
3	On-line; upstream nuisance vegetation control
4	On-line; vegetation management; upstream nuisance vegetation control
5	On-line; upstream nuisance vegetation control

STA-2



Flow-way	Restrictions
Northern	On-line; vegetation management
Eastern	On-line
Western	On-line
Cell 7	On-line
Cell 8	On-line

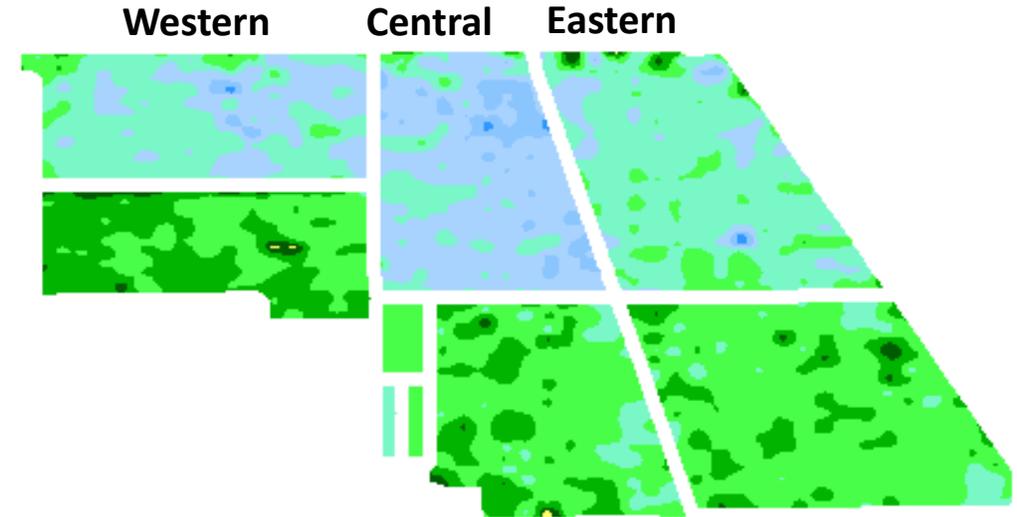
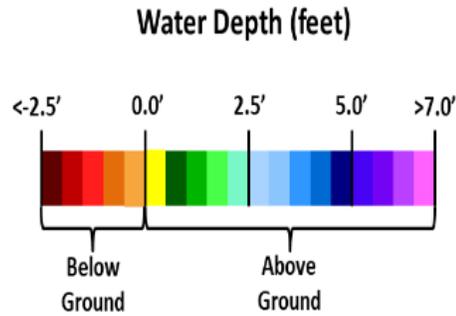
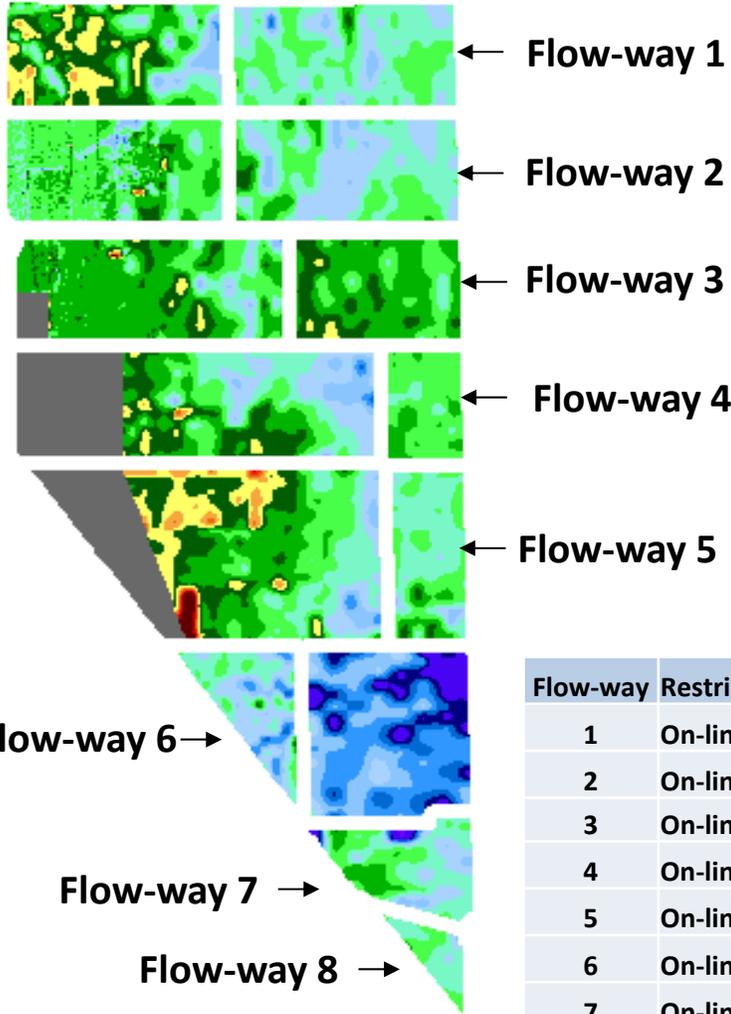
STA-1W



Flow-way	Restrictions	Back on-line
Western	On-line; post-construction grow in	
Central	On-line	
Eastern	Off-line; Cell 2 erosion repair	Fall 2024

STA-1E

Stormwater Treatment Areas Water Depths



Flow-way	Restrictions
1	On-line
2	On-line
3	On-line
4	On-line; vegetation management
5	On-line
6	On-line
7	On-line
8	On-line

Flow-way	Restrictions
Western	On-line; upstream nuisance vegetation control
Central	On-line; upstream nuisance vegetation control
Eastern	On-line; post-drawdown vegetation grow-in; upstream nuisance vegetation control

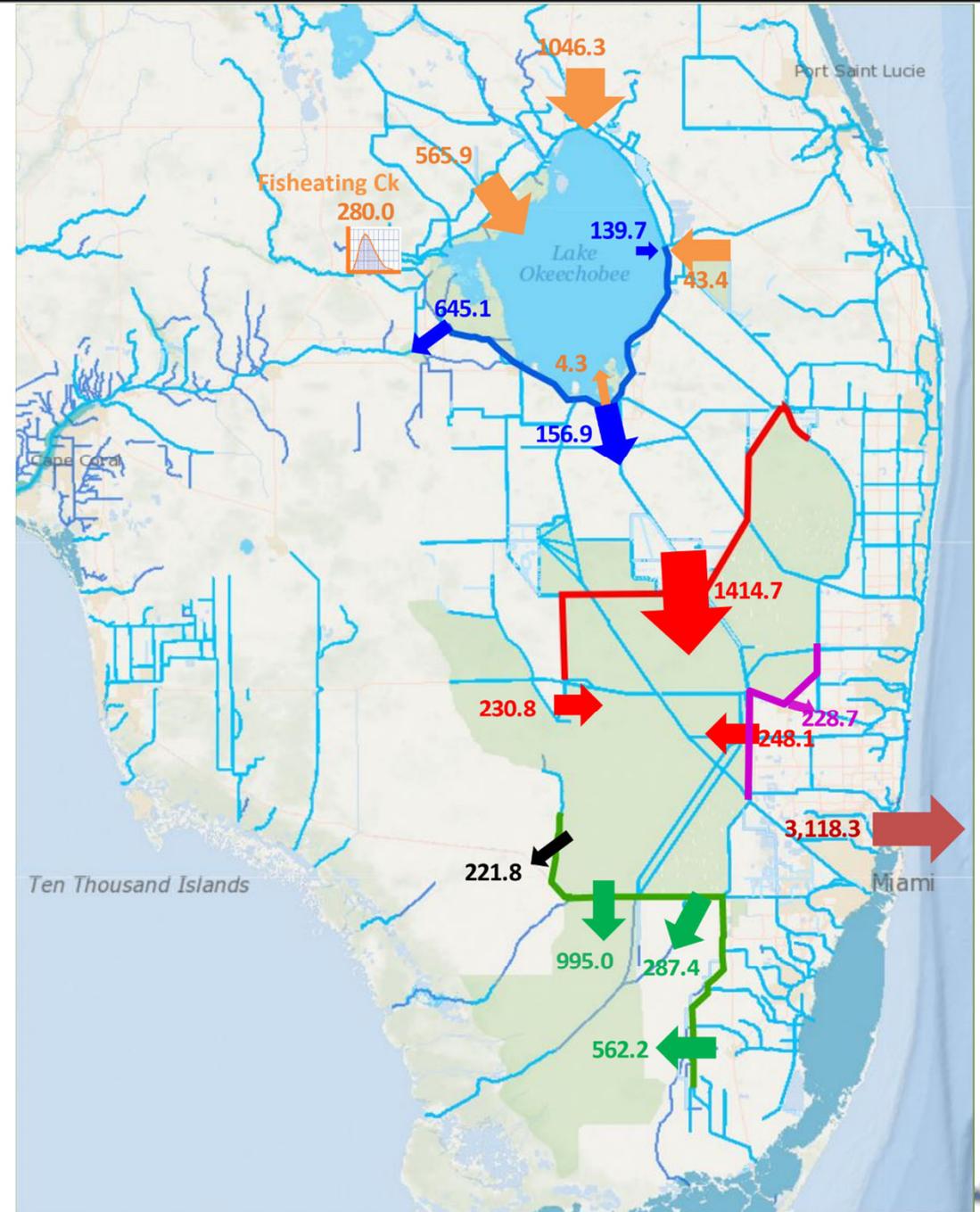
STA-3/4

STA-5/6

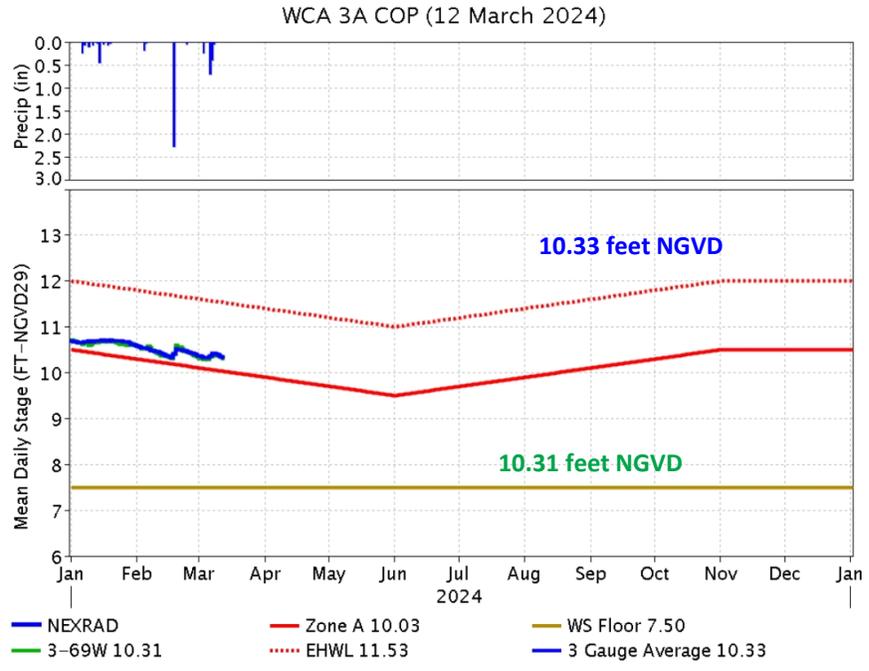
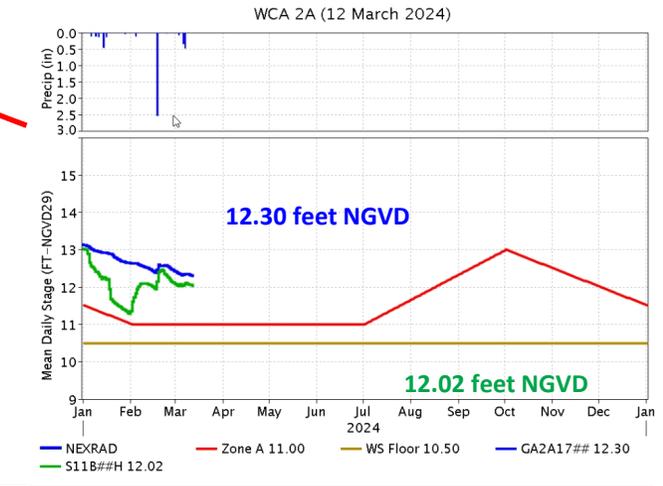
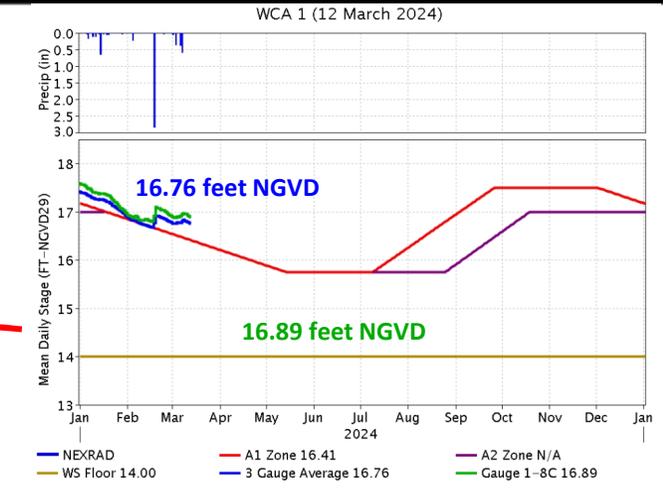
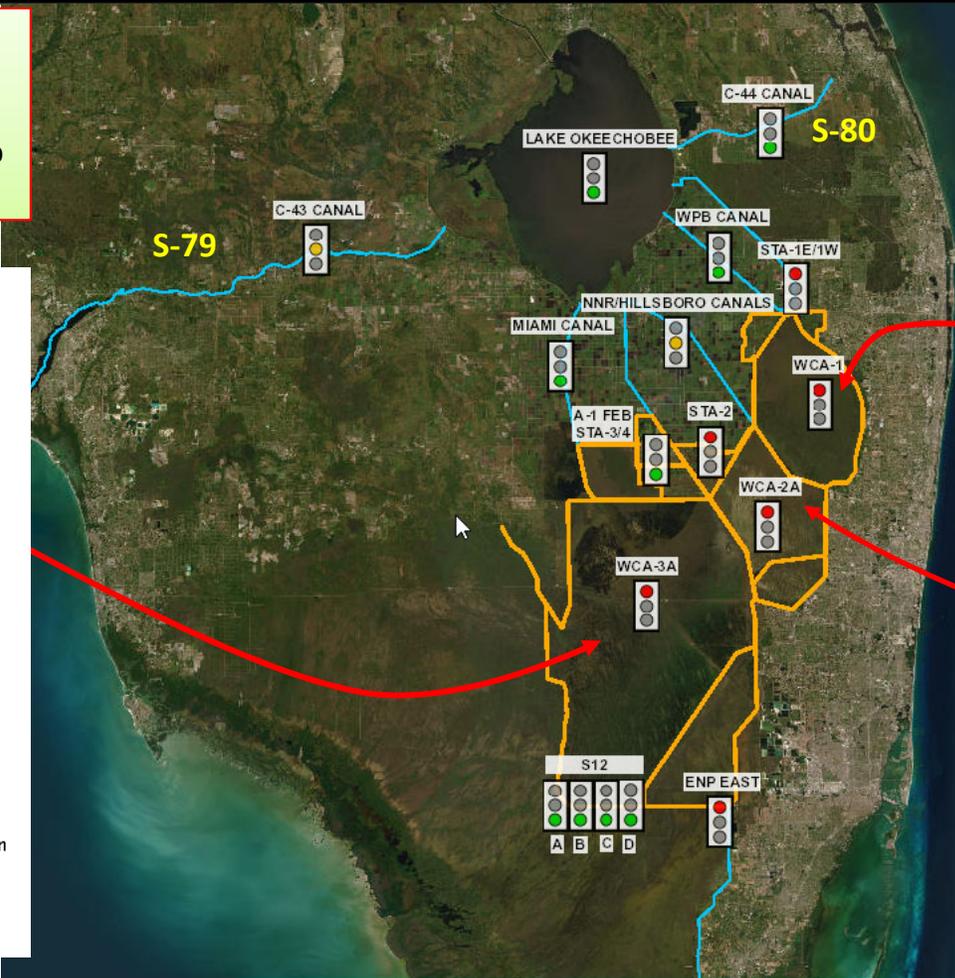
**SFWMD –Volumes Flowing
Down the System for the
Period May 1, 2023 to March 12, 2024**
(volumes in 1,000 acre-feet)

Symbol	Description	Volume (1,000 acre- feet)	
		WYR 2023	Last Month
	Lake Okeechobee Inflows	1939.9	190.2
	Lake Okeechobee Outflows	941.7	395.5
	WCAs Inflows	1893.6	102.8
	ENP / Detention Cell Inflows	1844.6	136.7
	WCAs to East	228.7	62.2
	Flows to Intracoastal	3118.3	225.2

1,000 acre-feet = 325.9 Million Gallons



Lake Okeechobee stage is in the Intermediate Sub-band of the LORS-2008 Regulation schedule. LORS release guidance suggests up to Maximum Practicable to the WCAs if all downstream WCAs below max of schedule + 0.25 ft. S-77 up to 4,000 cfs and S-80 up to 1,800 cfs.

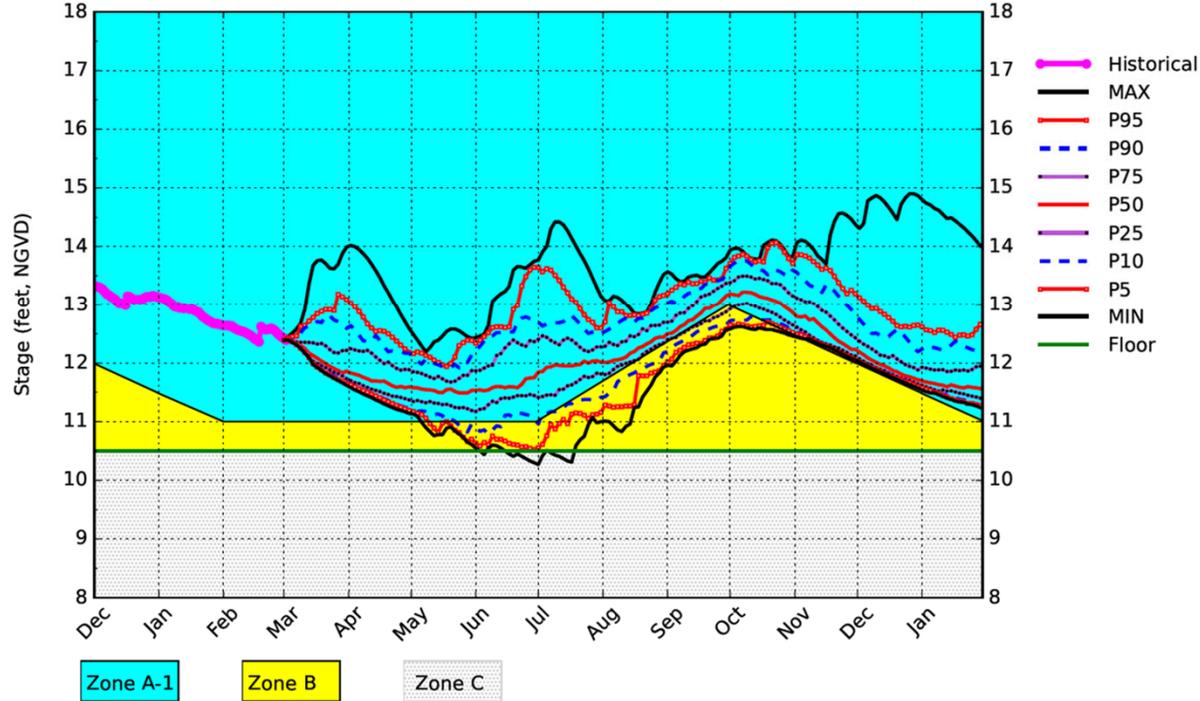


For this week, the Tamiami Trail Flow Formula calls maximum releases from WCA-3A to NESRS. Current L-29 stage constraint is at 8.3 feet NGVD. South Dade Conveyance System is stable. S-335 and S-338 are open. S-356 is pumping. G-211 is open. S-332B/C/D are pumping as needed. S-176 and S-177 are closed. S-18C is currently open and S-197 is closed. LPG-2 stage at 8.5 SMA is below ground. S-357 is pumping as needed to maintain stages 4.5 to 5.0 ft NGVD in the C-357 canal. S-19 and S-200 are pumping (no CSSS restrictions until 03-15).

WCA-1 stage is above regulation schedule; WCA-2A stage is above regulation schedule; WCA-3A stage is above regulation schedule in Zone A and being operated under a temporary planned deviation. S-10s are closed. S11s are open ~1,500 cfs. S12S (A-D) are fully open ~ 1,400 cfs. S-333 and S-333N are limited due to L-29 stage constraint ~ 600 cfs. S-343 A and B open. S-344 is open passing ~ 100 cfs. Interior structures to WCA-3A S-339 and S-340 are open. WCA-1 releases to tide S-39 through Hillsboro Canal ~500 cfs. S10-A ~ 500 cfs. WCA-2A reg releases through C-14 (S-38 ~ 400 cfs) and NNR (S-34E ~ 250 cfs). S-11s ~ 1,500 cfs. WCA-3A to tide via S-151, S-31 into the C-6 canal and then S-26 (~130 cfs). South Miami-Dade ag drawdown continues (Since October 15th, Operate S21A, S20F and S179 on the low stage range).

WCA2A SFWMM March 2024 Position Analysis

Percentiles PA

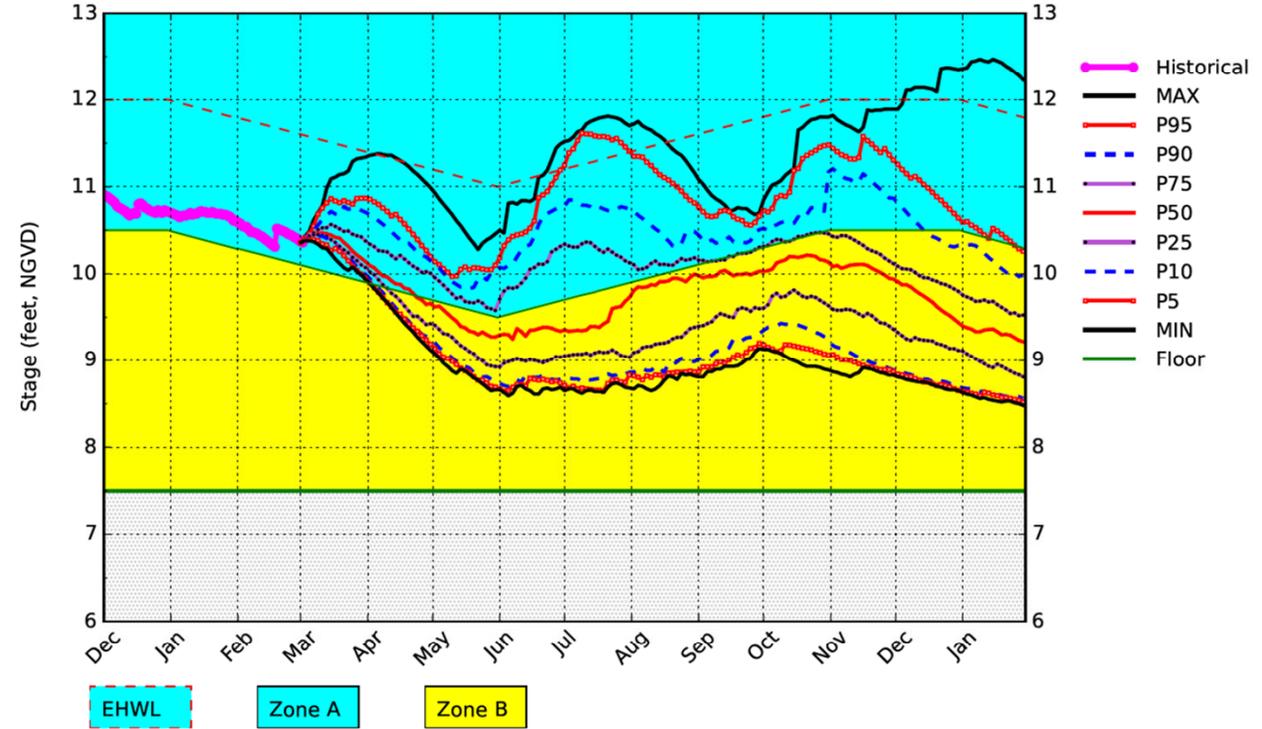


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(See assumptions on the Position Analysis Results website)

WCA3A SFWMM March 2024 Position Analysis

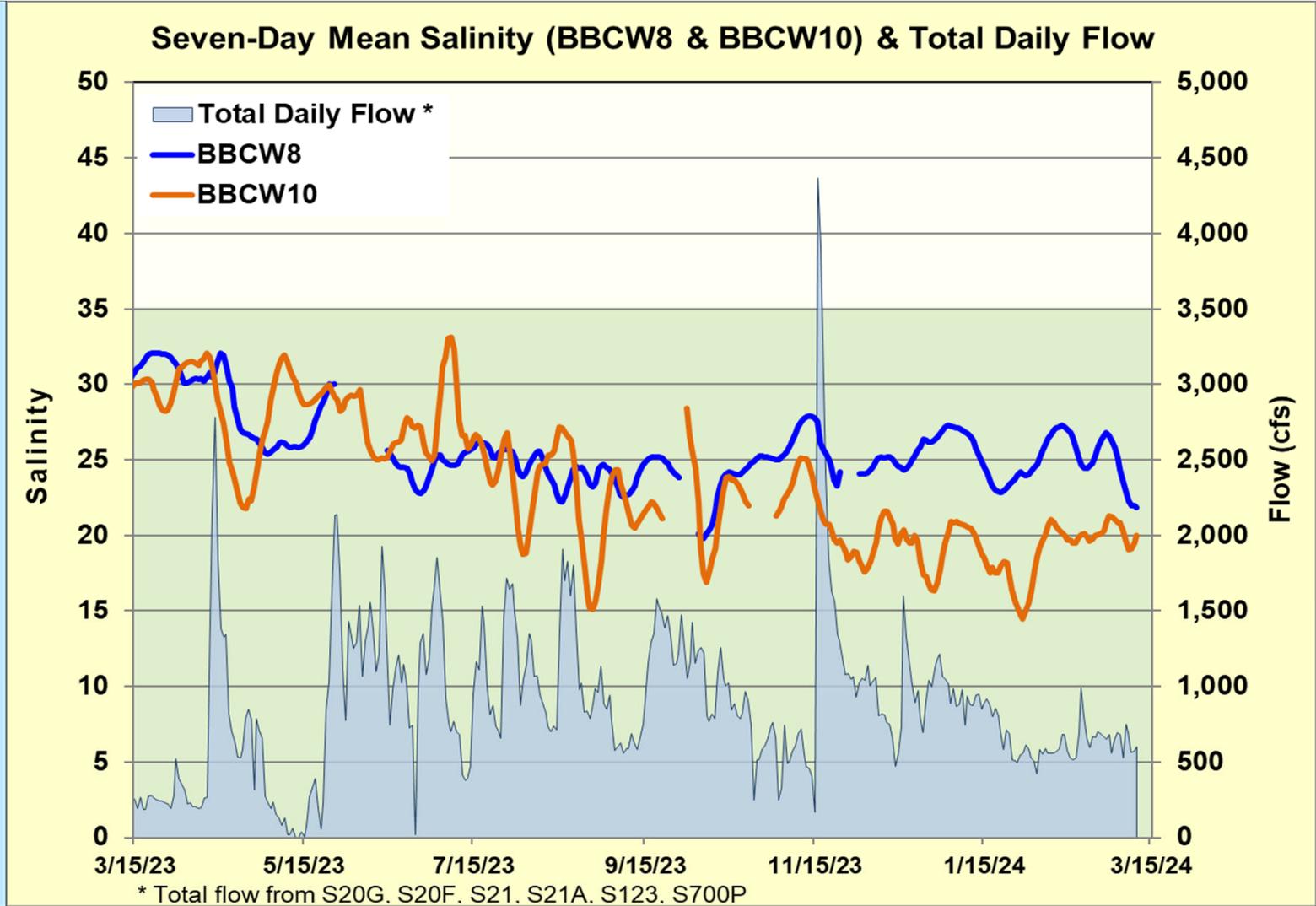
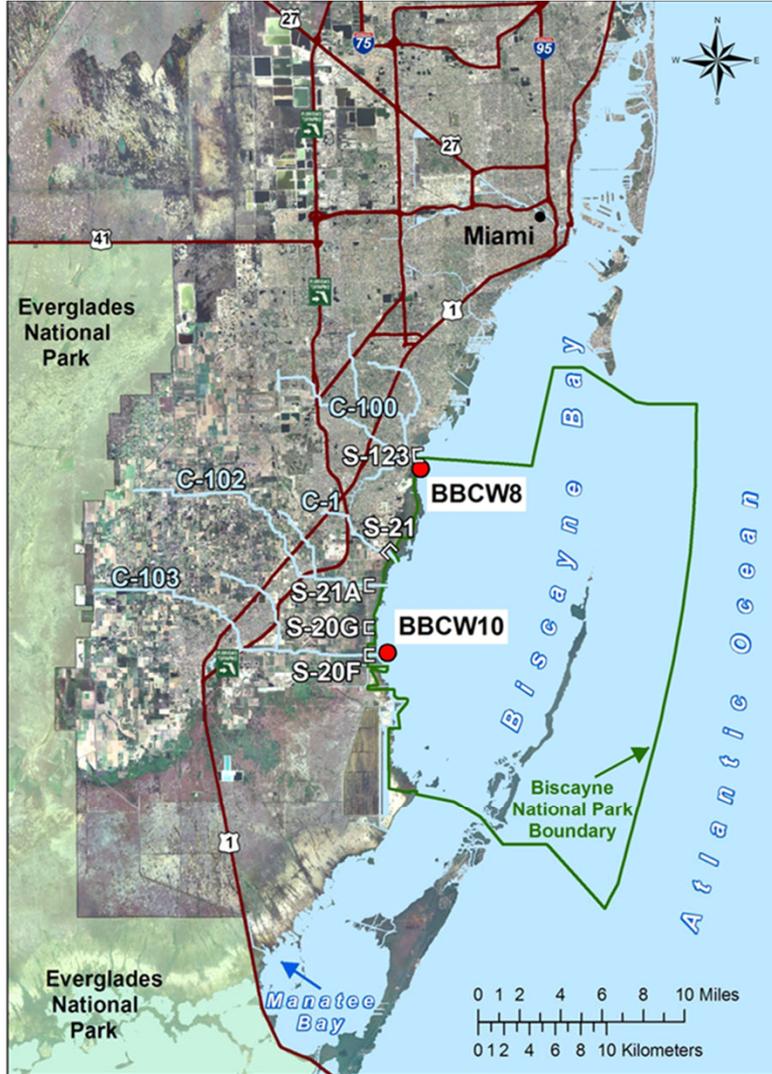
Percentiles PA



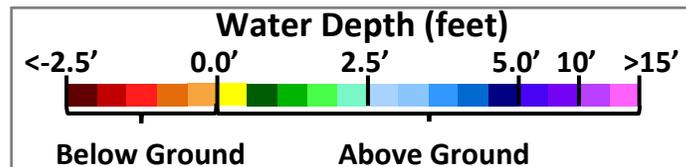
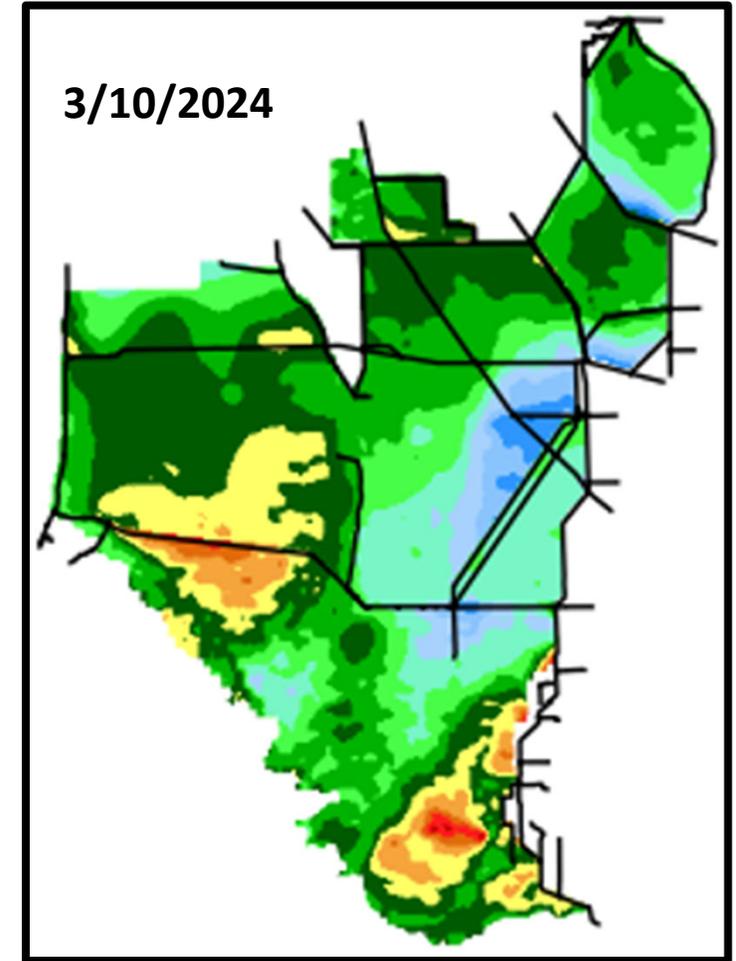
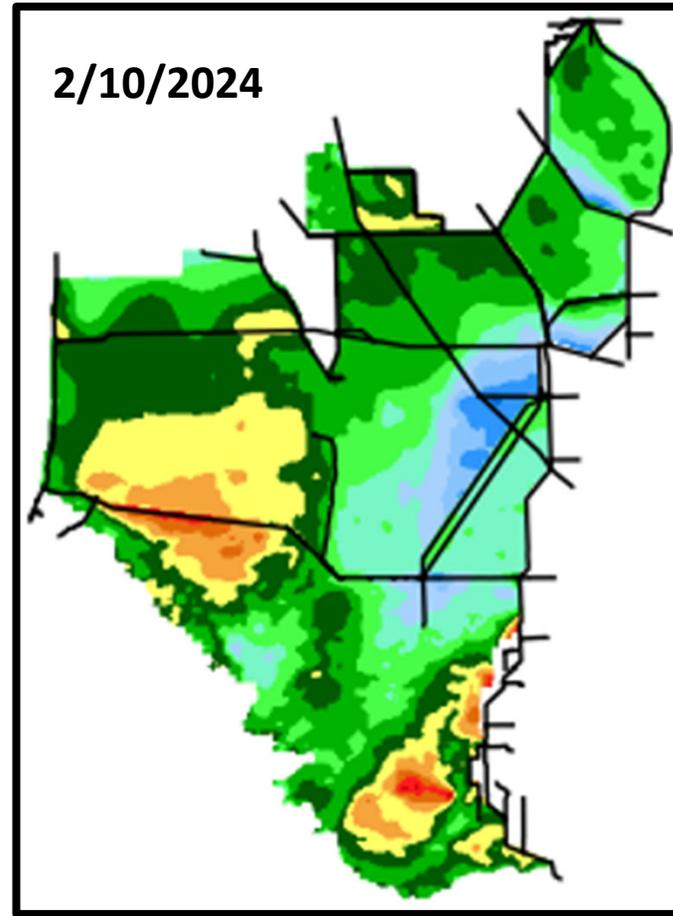
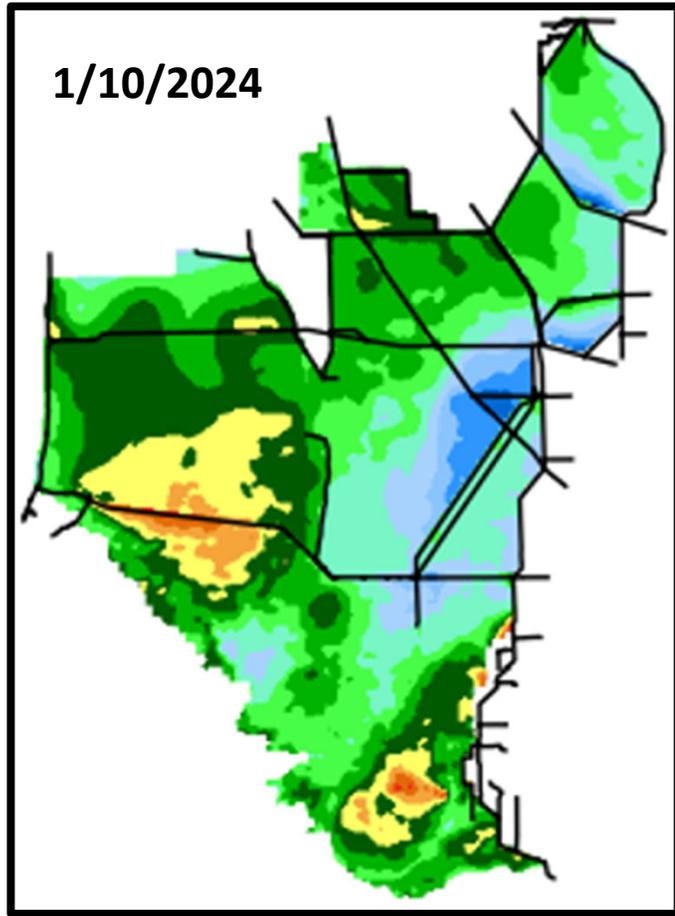
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(See assumptions on the Position Analysis Results website)

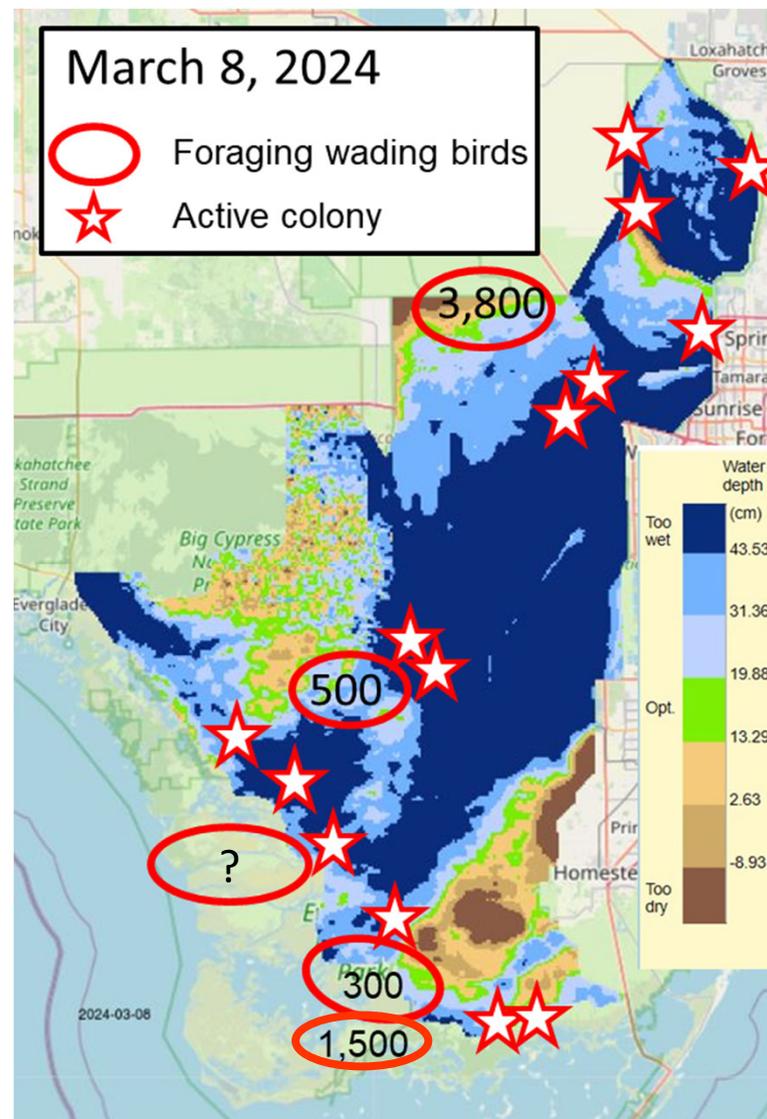
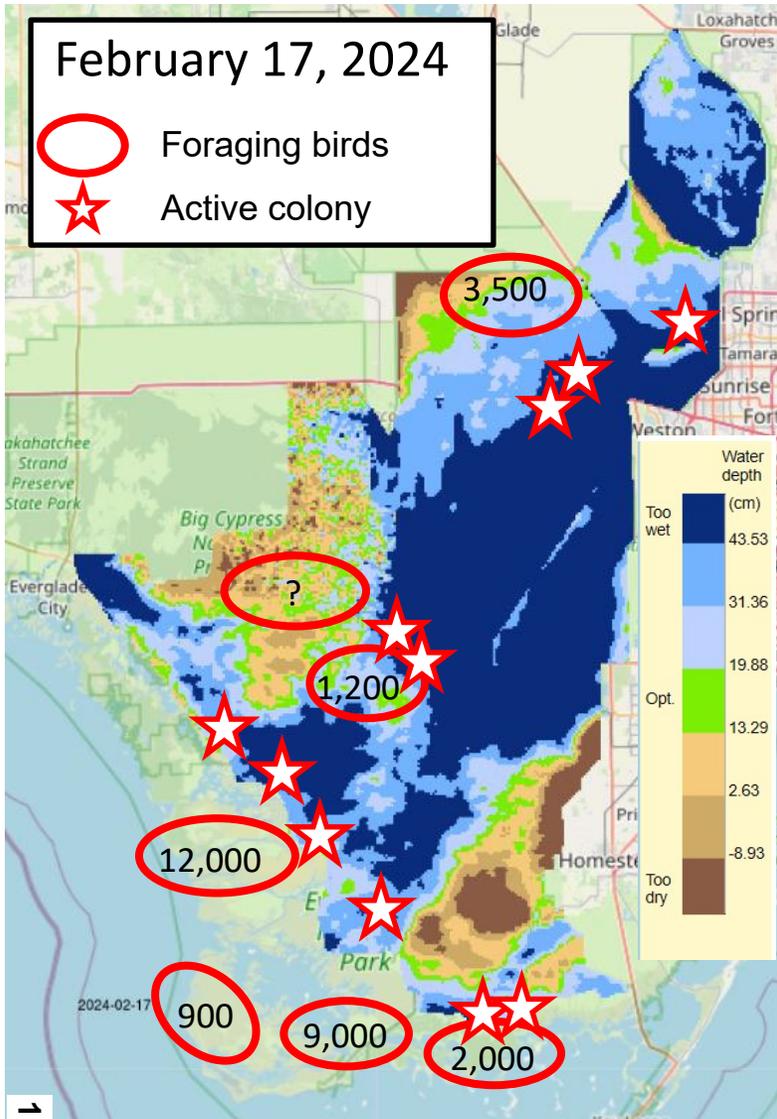
Biscayne Bay Salinity Conditions



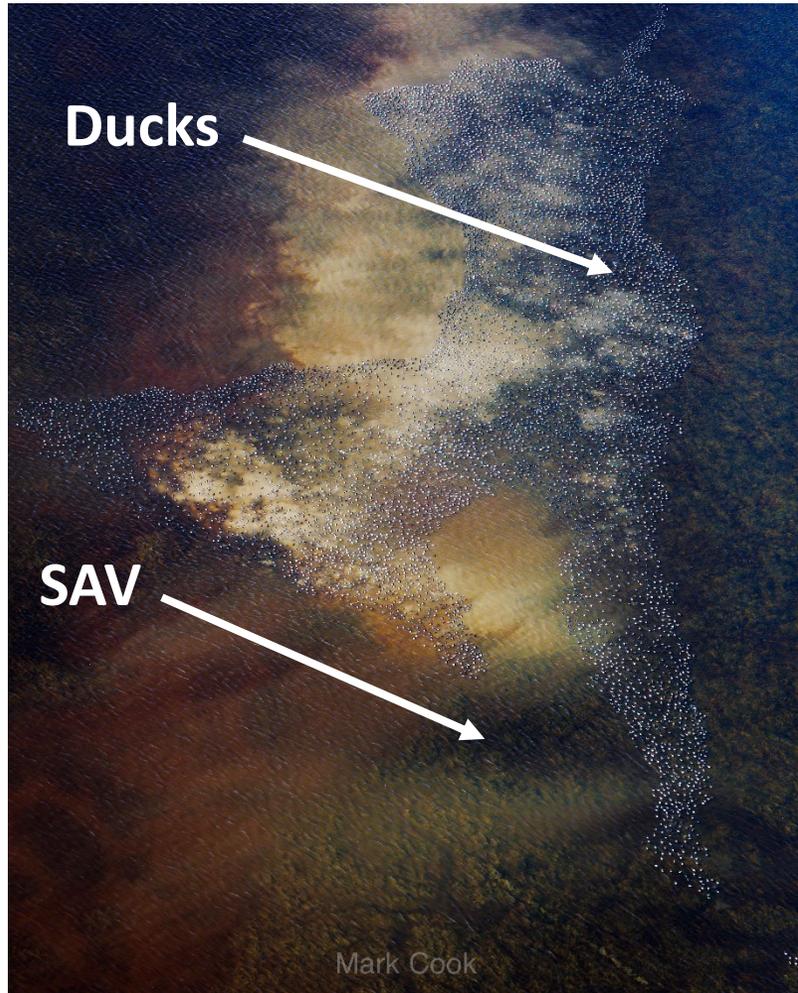
Everglades Water Depths



Wading Bird Foraging & Nesting

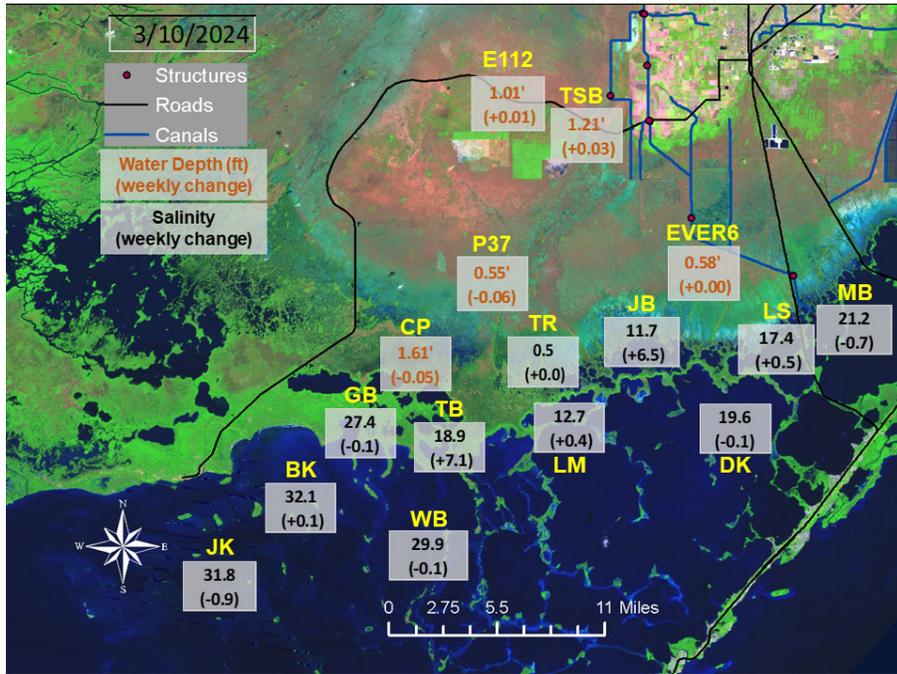


Freshwater Flows Promote the Return of Waterfowl to the Coastal Lakes in Historical Numbers



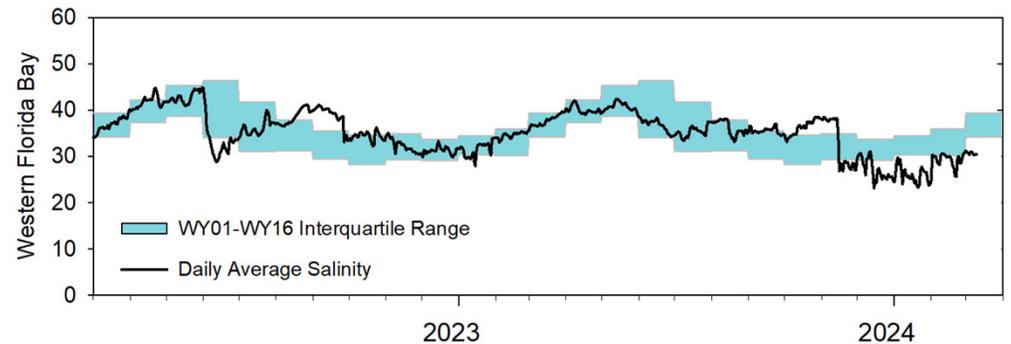
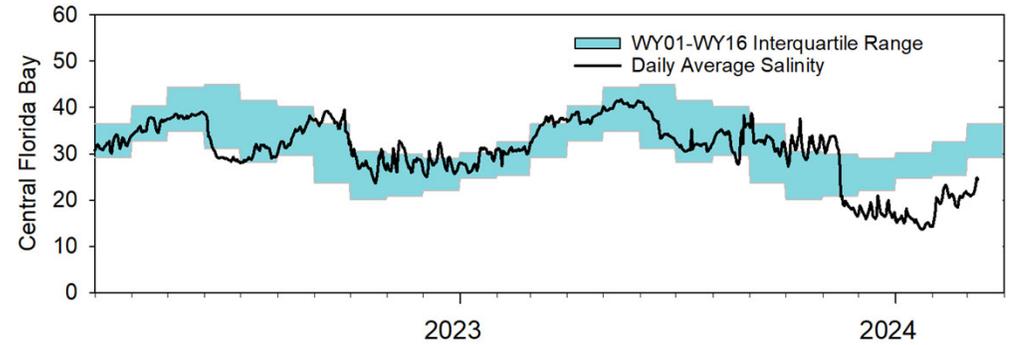
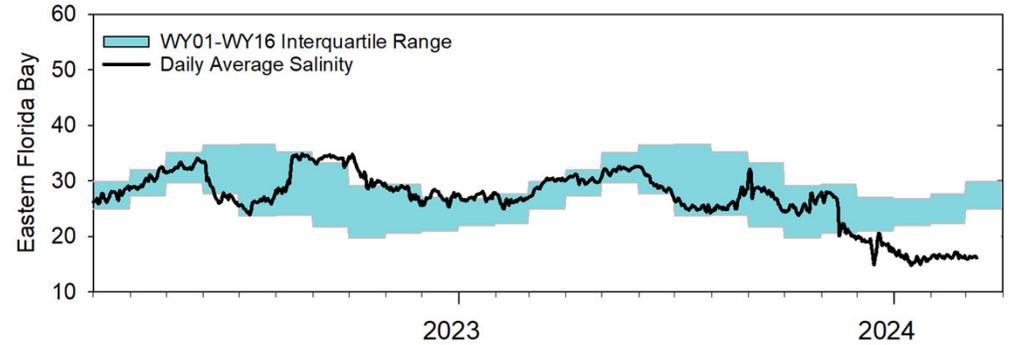
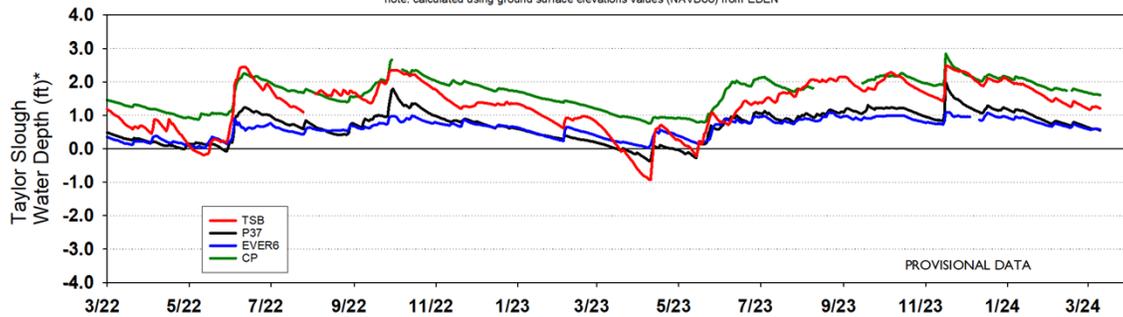
About 48,000 Lesser Scaup are currently foraging in Bear and Mud Lakes, Cape Sable.

Florida Bay Salinity

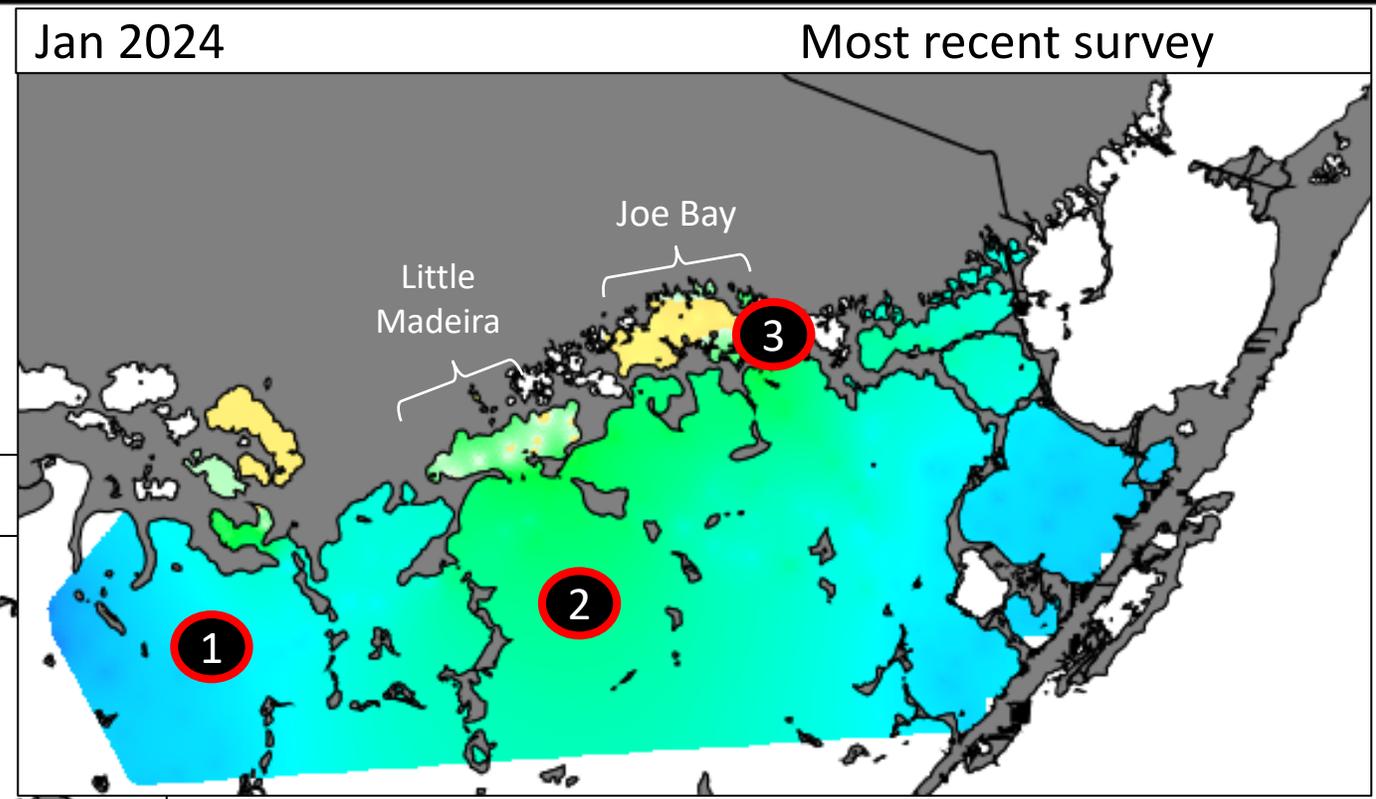
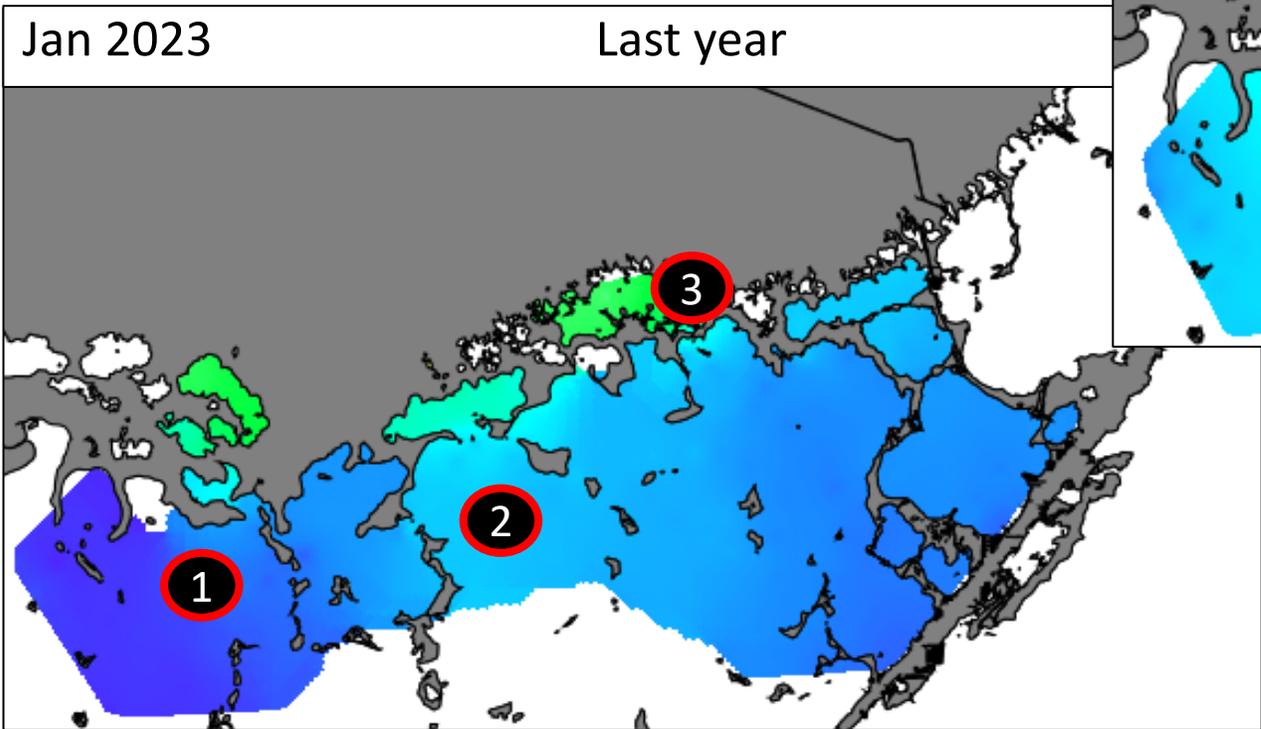


Taylor Slough Water Depths

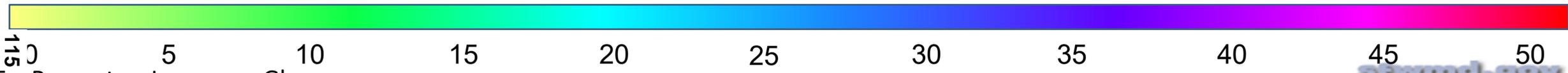
*note: calculated using ground surface elevations values (NAVD88) from EDEN



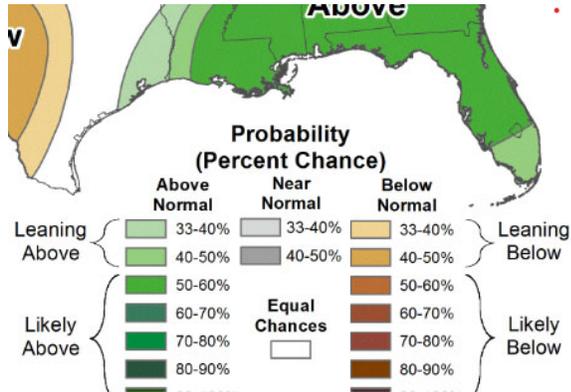
Large-scale Improved Florida Bay Salinities



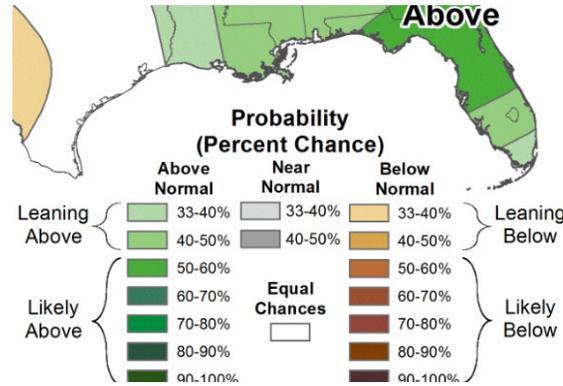
- 1 Salinity in 2023=31; 2024=19
- 2 Salinity in 2023=25; 2024=10
- 3 Salinity in 2023=12; 2024=2



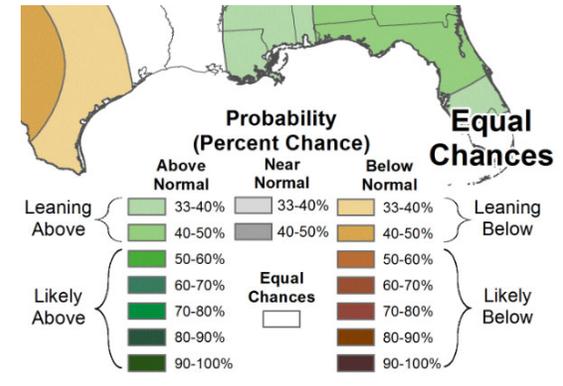
CPC Precipitation Outlook for South Florida



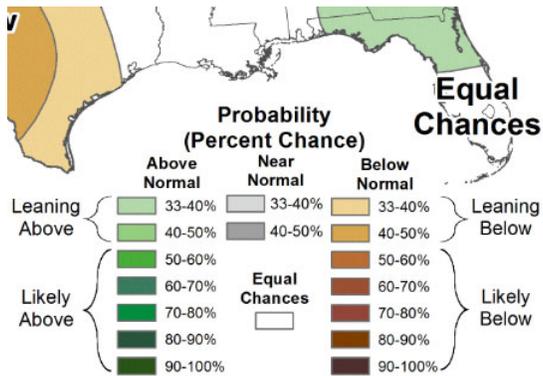
Mar 2024



Mar 2024 – May 2024



Apr 2024 – Jun 2024

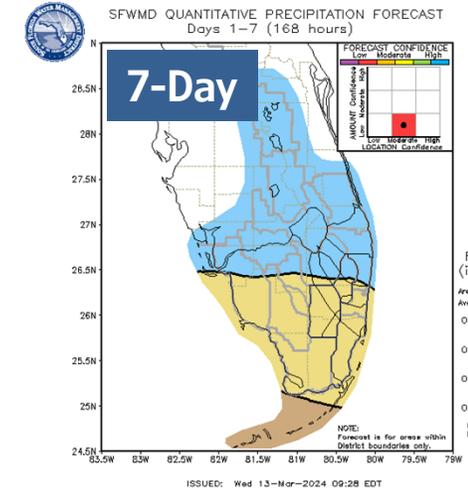
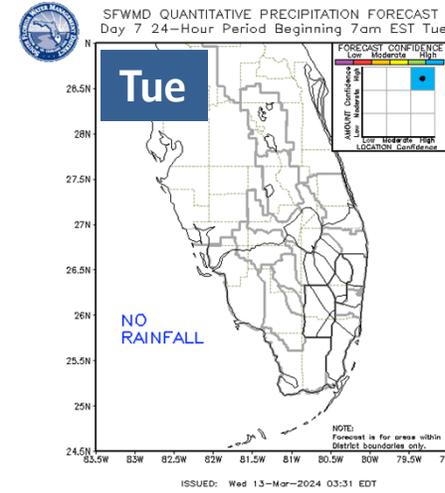
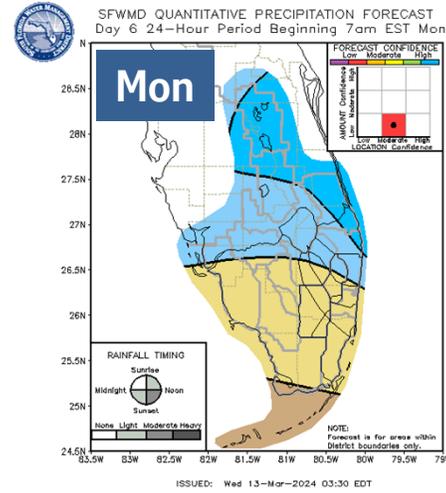
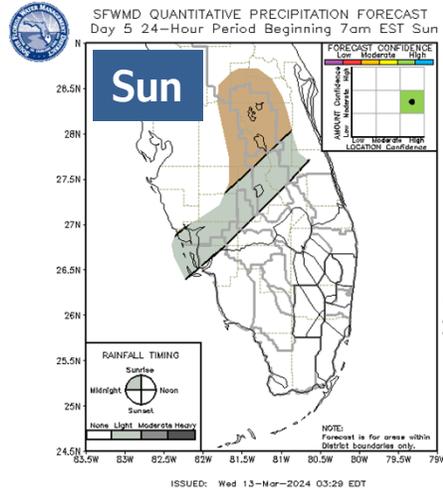
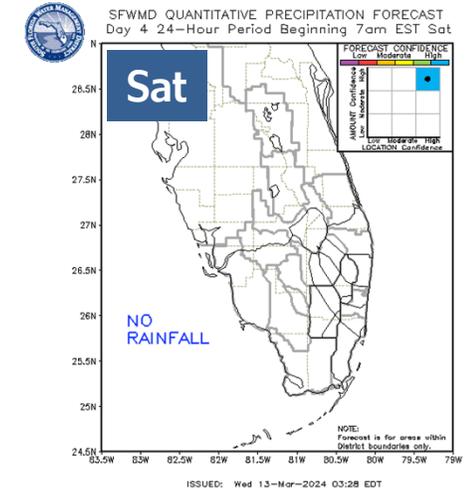
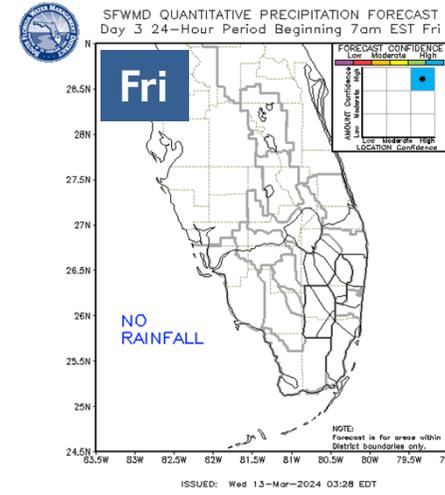
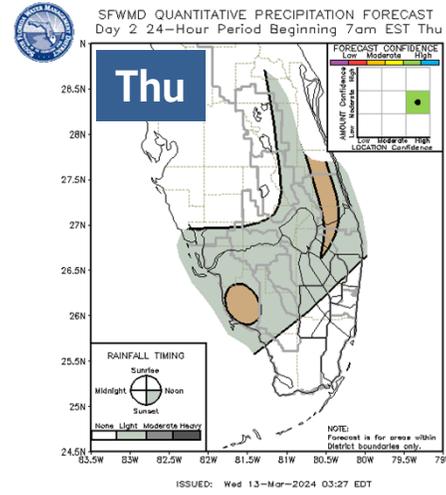
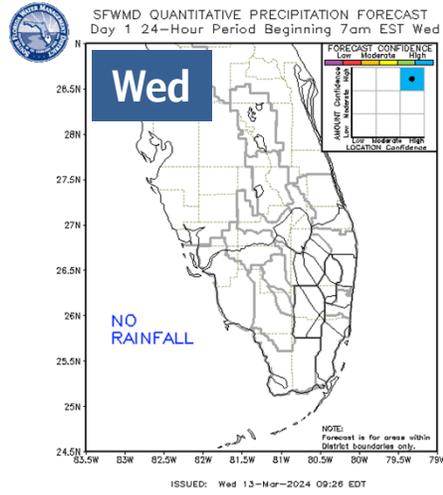


Apr 2024 – Jun 2024

- The most recent CPC precipitation outlook for March 2024 is for a substantial increase (50-60%) in the likelihood of above normal rainfall for Lake Okeechobee and areas north, and for increased chances (40-50%) of above normal rainfall for the remainder of the District.
- The 3-month window of Mar 2024 – May 2024 indicates a substantial increase (50-60%) in the likelihood of above normal rainfall for the Upper Kissimmee basins, increased chances (40-50%) of above normal rainfall for the Lower Kissimmee and the EAA, and slightly increased chances (33-40%) of above normal rainfall for the remaining areas south.
- The outlook for the 3-month window Apr 2024 – Jun 2024 shows slightly increased chances of above normal rainfall (33-40%) for Lake Okeechobee and areas north, with the remainder of the District showing equal chances of below normal, normal and above normal rainfall.
- All the 3-month windows from May 2024 – Jul 2024 to Nov 2024 – Jan 2025 show equal chances of below normal, normal and above normal rainfall. The 3-month windows of Dec 2024 – Feb 2025 to Feb 2025 – Apr 2025 signal an increased chance of below normal rainfall for south Florida.

Updated February 29, 2024

Short-, Medium-, & Extended-Range Outlooks



Weekly Summary

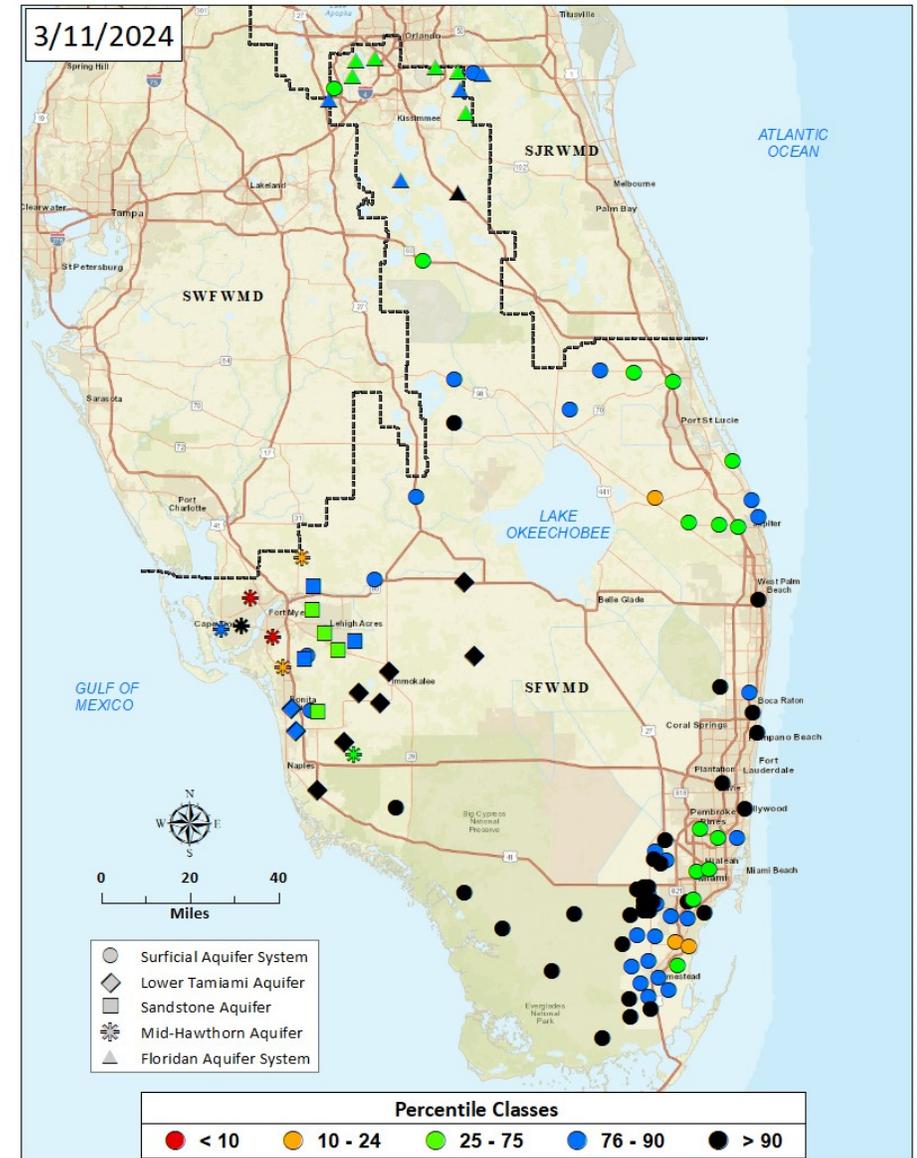
Week 1 (Historical Avg: 0.61"): Much below normal
 Week 2 (Historical Avg: 0.60"): Above to much above normal

Status of Groundwater Conditions

- All of the Floridan aquifer wells in the Upper Kissimmee Basin are in the median and upper percentile ranges for this time of year. All of the surficial aquifer wells in the Upper and Lower Kissimmee Basin are in the median and upper percentile ranges.
- Upper East Coast groundwater water levels showed decreasing trends during the last week. About 85 percent of the UEC wells are in the median and upper percentile ranges for this time of year.
- About 55 percent of the surface and groundwater stations in the Lower East Coast recorded decreasing water levels over the last week. Approximately 95 percent of the LEC surficial aquifer system stations are in the median and upper percentile ranges for this time of year.
- Groundwater levels increased in about 85 percent of the Lower West Coast (LWC) stations over the last week. All the Surficial aquifer system, Lower Tamiami aquifer, and Sandstone aquifer wells are in the median and upper percentile ranges for this time of year. Approximately 60 percent of the Mid-Hawthorn aquifer wells are in the lower percentile ranges for this time of year.

The map to the right shows a statistical comparison between current groundwater levels and long term monthly average groundwater levels:

- Each colored symbol represents a monitoring well that continuously records groundwater levels.
- Color coding represents a statistical comparison of current water levels to long-term monthly historical water levels for this time of the year. The percentile rankings are based on monthly long-term groundwater level averages. The red symbols represents water levels that are in the lowest 10th percentile range, orange 10th to 24th percentile range, green the median range, blue is the 76th to 90th percentile range and black shows those stations about the 90th percentile range.





C-44 Reservoir

CERP Construction and Planning Projects

Progress Report

South Florida Ecosystem Restoration Projects including the Comprehensive Everglades Restoration Plan (CERP) are authorized when a planning study is approved by Congress as part of a Water Resource Development Act (WRDA). Responsibility for design and construction of CERP and other restoration projects is shared between the U.S. Army Corps of Engineers (USACE) and the South Florida Water Management District (SFWMD), based on coordination between the two agencies, the Integrated Delivery Schedule (IDS), and the Project Partnership Agreement for each project. This document reports on the USACE's progress on CERP efforts for the restoration of the Greater Everglades as directed by Governor DeSantis in Executive Order 23-06, as well as the SFWMD's continued efforts to expedite Everglades restoration projects and improve water quality and quantity.

Biscayne Bay Coastal Wetlands – Cutler Wetlands Component

Lead Agency: SFWMD

Anticipated Completion Year: 2025

Project Description: The Biscayne Bay Coastal Wetlands Project – Cutler Wetlands Component will improve the health of Biscayne Bay, aid in wetland rehydration, build coastal resiliency and improve water quality. The Cutler Wetlands Component is the final component of the Biscayne Bay Coastal Wetlands Project.

Status: Construction.

- Contract 6A – Pump Station S-701 under construction
- Contract 6B – Construction contract awarded in December 2023

Biscayne Bay Coastal Wetlands – L-31 East Flowway

Lead Agency: USACE

Anticipated Completion Year: 2026

Project Description: The project restores freshwater flows to southern Biscayne Bay and Biscayne National Park while improving salinity distribution near the shore. It also restores historical freshwater wetland habitat adjacent to the Bay, which acts like a sponge, soaking up water in the wet season and slowly releasing it in a more natural pattern.

Status: Construction; Operational Testing and Monitoring Period.

- Contract 4 – Pump Station S-709: Construction is complete. Operation Testing and Monitoring Period is underway.
- Contract 5A – Pump Station S-705: Construction is complete. Permanent power was delivered to pump station on March 5, 2024. Endurance test scheduled for March 11-12, 2024.
- Contract 5B – Pump Station S-703 and Recreational Sites: Construction is in the commissioning phase. Final inspection took place on March 5, 2024 between USACE, SFWMD, FDEP, and contractor. Awaiting permanent power solution from FPL.
- Contract 5C – Pump Stations S-710 and S-711, Seepage Canal C-711W: Piling and auguring are complete for S-711 and S-710. Installation of precast box for spreader canal is underway and sod was installed on spreader canal. Seepage Canal berm construction is substantially complete, sod will be placed. Awaiting permanent power from FPL.

Biscayne Bay and Southeastern Everglades Ecosystem Restoration (BBSEER)

Lead Agency: USACE

Anticipated Completion Year: 2026

Project Description: The BBSEER Project aims to restore natural areas in southeastern Miami-Dade County, including the Model Lands, Southern Glades, nearshore estuarine habitats of Biscayne Bay, and the associated coastal and freshwater wetlands.

Status: Planning; A 3x3x3 planning study waiver request for scope, schedule and budget is in development to complete the study. The project team is in round three modeling process and will continue to refine alternatives. **Next Milestone:** Confirmation of a Tentatively Selected Plan is scheduled June 2024.

Broward County Water Preserve Areas

Lead Agency: USACE

Anticipated Completion Year: 2034

Project Description: This project will reduce water loss from the Central Everglades. It is designed to perform two primary functions: reduce seepage loss from Water Conservation Area (WCA) 3A/3B to the C-11 and C-9 basins; and capture, store and distribute surface water runoff from the western C-11 basin that has been discharged into WCA 3A/3B.

Status: Design.

- Contract 2 – C-11 Impoundment Embankment: Final design is in progress and the construction award is expected in Q4 FY 2024.
- Contract 3 – C-11 Impoundment Pump Station: Design is in progress, and the construction award is expected in late FY 2025.
- Contract 4 – WCA3A Seepage Management Area: Design to start later in FY24.
- Contract 5 – C-9 Impoundment: Design to start later in FY24.



Water Conservation Area 3

Caloosahatchee (C-43) Reservoir

Lead Agency: SFWMD

Anticipated Completion Year: 2025

Project Description: The project will capture excess C-43 Basin runoff and regulatory releases from Lake Okeechobee during the wet season and release water from the reservoir during the dry season. It includes development of one aboveground reservoir, with a total storage capacity of approximately 170,000 acre-feet. The project will reduce the extreme salinity changes in the Caloosahatchee River Estuary by providing a more consistent flow of freshwater discharging into the estuary.

Status: Construction.

- Package 1 – Embankment Preloading at 6 critical structures around the dam and demolition of existing infrastructure work is complete.
- Package 2 – S-476 Pump Station replaces the original irrigation pump station located on the header canal that supplied water to existing water users work is complete.
- Package 3 – S-470 Inflow Pump Station which pulls water from the Caloosahatchee River through the Townsend Canal to the Reservoir work is complete. Ribbon cutting event held on December 19, 2023.
- Package 4 – Reservoir: Concrete work at S-473 completed, concrete work at S-471, S-483, site access bridge and local bridge continue, soil cement (buttress) 9.5 of 22 miles completed, soil cement proof of concept (slope) accepted, 1st 1,000 feet of slope placed and completed last week, Townsend Canal sheet pile installation south of power lines completed, Phase II Soil Bentonite Wall completed on west embankment, Phase II SB wall “re-dig” underway proceeding from S-474 west, F5 gap closure embankment completed and Phase II SB wall installed at F5. All three motors/pumps installed at S-479 and functioning (commissioning to follow), M3 embankment north of S-475 near completion, perimeter canal and intake canal work continue, contracts for wave wall and sand column relief manifold (north reach) awarded.

Central Everglades Planning Project (CEPP) Everglades Agricultural Area (EAA) Reservoir

Lead Agency: USACE

Anticipated Completion Year: 2035

Project Description: CEPP includes four phases of projects that help restore the natural flow of water south from Lake Okeechobee to the Central & Southern Everglades. The CEPP EAA Phase will store, treat and send new water to the Everglades. The EAA Reservoir reduces damaging discharges from Lake Okeechobee to the Northern Estuaries. The 10,000-acre reservoir component includes 240,000 acre-feet of storage and delivers water to the 6,500-acre A-2 STA for water quality treatment. The project provides an additional average annual 370,000 acre-feet of clean water sent to the Everglades.

Status: Design; Construction.

- Contract 11B - Embankment, outlet structures and spillway: Final design has been completed, the construction contract was advertised February 23, 2024, and the construction award is expected at the end of FY 2024.
- Contract 11C - S-636 Seepage Pump Station: Design began in March 2023, and the construction award is expected in Sept. 2026.
- Contract 10A - Seepage Inflow/Outflow Canal: Environmental monitoring and pre-construction survey work continues. Dewatering within the footprint of the inflow/outflow canal is ongoing. De-mucking, clearing, and grubbing activities began in March 2023 and are 70% complete. Excavation of the canal footprint continues and is 40% complete.
- Contract 11A - Foundation Preparation & Cutoff Wall: Contractor mobilized to the site in Aug. 2023 and is progressing through submittals. Clearing, grubbing and de-mucking of borrow pit areas 2 and 3 is complete with borrow area 5 being 60% complete. Construction of the access and haul roads on the eastern perimeter is ongoing. Cofferdam installation is 75% complete.
- Contract 12: S-623 Reservoir Inflow Pump Station: In design and will be in construction by SFWMD in mid-2024.



C-43 Reservoir Pump Station.

Central Everglades Planning Project (CEPP) Everglades Agricultural Area (EAA) Stormwater Treatment Area (STA)

Lead Agency: SFWMD

Anticipated Completion Year: 2024

Project Description: The 6,500-acre STA will clean water stored in the 240,000 acre-foot EAA Reservoir and allow it to be moved south to the Everglades. Stormwater Treatment Areas use aquatic vegetation to remove harmful nutrient pollution from the water. Sending more clean water south will support the ecological health of the Everglades and Florida Bay.

Status: Construction.

- Contract 9B - STA Cells: In construction. Initial filling commenced end of January 2024.
- Contract 9B - STA Inflow-Outflow Canal: Construction completed in FY 2023.

Central Everglades Planning Project (CEPP) Everglades Agricultural Area (EAA) Canal Conveyance Improvements

Lead Agency: SFWMD

Anticipated Completion Year: 2027

Project Description: The North New River Canal Conveyance increases canal capacity by 200 cfs. The Miami Canal Conveyance Improvements increase canal capacity by 1,000 cfs.

Status: Design.

- Contract 9A - EAA North New River Canal Improvements: Construction contract awarded in December 2023.
- Contract 9A - EAA Miami River Canal Improvements Phase 1: Design is ongoing and construction award by end of FY 2024.
- Contract 9A - EAA Miami River Canal Improvements Phase 2: Design is ongoing and construction award in early FY 2025.

Central Everglades Planning Project (CEPP) New Water Seepage Barrier Wall Project

Lead Agency: SFWMD

Anticipated Completion Year: 2024

Project Description: The CEPP New Water Seepage Barrier Wall Project extends the successful underground wall that was built as part of the 8.5 Square Mile Area Seepage Wall Project. The project supports ongoing restoration efforts to move water south through the Everglades and into Florida Bay while mitigating potential flooding impacts in communities outside of Everglades National Park.

Status: Construction.

- Contract 13 - CEPP Seepage Wall: In construction. Trenching is complete. Concrete bentonite pouring is 100% complete. Permanent capping is 99% complete.

Central Everglades Planning Project (CEPP) North Phase

Lead Agency: SFWMD

Anticipated Completion Year: 2030

Project Description: CEPP North will restore water levels in the northern portion of the Central Everglades and improve our water resource resiliency in South Florida. The features within the CEPP plan include a reservoir, a stormwater treatment area and water flow improvements.

Status: Design; Construction.

- Contract 7A - L-6 Diversion: A groundbreaking for S-620 was held in May 2023. S-622 is in design and contract award is in Q1 FY2025.
- Contract 7A - L-4 Canal Improvements & Distribution Features & S-8A Modifications are in design.
- Contract 7B - S-8 Pump Station Modifications is in design and Phase 1 construction contract award is in Q2 FY2024.
- Contract 8A - L-5 Canal Improvements is in design to be constructed in 2 packages.
- Contract 8B - Miami Canal Backfill and Vegetated Hammocks survey is ongoing.

Central Everglades Planning Project (CEPP) South Phase

Lead Agency: USACE

Anticipated Completion Year: 2031

Project Description: CEPP South removes water flow barriers to allow natural flow of water south into Everglades National Park. Components include the construction of a pump station, the installation of culverts and spillways and the removal of a roadway and levees that will all help increase the flow of clean water south from WCA 3A to Everglades National Park.

Status: Design; Construction.

- Contract 1AR - L-67A Culverts: The contractor has mobilized the processing equipment to S-631 and cofferdam construction is 99% complete. Geogrid placement is ongoing at S-632. Contractor coordination of submittals with USACE is nearing completion.
- Contract 2A - Pump Station S-356E and S-334E Gated Spillway: Final design is complete with Contract Award rescheduled from June 2024 to September 2024. Delay was due to time required to complete coordination with FDOT to execute a construction agreement. Execution of the construction agreement with FDOT occurred in December 2023. Construction contract advertisement is scheduled for end of March 2024.
- Contract 3B - S-355W Gated Spillway in L-29 Canal: Final design is complete. The contract award has been rescheduled from March 2024 to August 2024 and possible risk of further delay due to additional time required to complete coordination with the FDOT to execute a construction agreement. Execution of that agreement is expected in March 2024 with the construction contract advertisement scheduled for April 2024.
- Contract 5 - Blue Shanty Flowway: Final design is scheduled to be complete in FY 2026, and the contract award is scheduled for FY 2026.
- Contract 6 - L-29 Levee Removal: Design is scheduled to begin in FY 2024, and the contract award is scheduled for FY 2028.

Indian River Lagoon South – C-23 Estuary Discharge Diversion Canal

Lead Agency: SFWMD

Anticipated Completion Year: 2025

Project Description: This interconnect canal project will divert harmful discharges from the C-23 Canal and send it south to the C-44 Reservoir. It improves water quality in the St. Lucie Estuary and helps bring flows to the Estuary closer to its natural pattern.

Status: Construction; S-457 Pump Station foundation pour is complete, canal excavation in Segment 1 is 65% and Segment 3 is 95% complete,

Segment 2 Clearing & Grubbing has begun, and Coca Cola Box Culvert excavation is 33% complete.

Indian River Lagoon South – C-23/24 North Reservoir

Lead Agency: USACE

Anticipated Completion Year: 2030

Project Description: The C-23/24 North Reservoir is a component of the IRL South Project, encompassing more than 2,000 acres. Once completed, it will store approximately 32,000 acre-feet of water.

Status: Design.

- Contract 4A – S-426 Pump Station, Afterbay, S-245 Culvert, PC-37 Canal and Structure: Nearing completion of final design, construction contract advertisement scheduled for May 2024 with contract award scheduled for September 2024.
- Contract 4B – S-425 Sag Culvert, S-426 Afterbay, and Reservoir Embankment Construction: The draft final design is expected November 2024.

Indian River Lagoon South – C-23/24 South Reservoir

Lead Agency: SFWMD

Anticipated Completion Year: 2030

Project Description: The C-23/24 South Reservoir is a component of the IRL South Project, encompassing more than 3,500 acres. Once completed, it will store approximately 57,000 acre-feet of water.

Status: Design is ongoing by the SFWMD. Package 1 - Canal and Structure construction contract will be awarded in FY 2024, and Package 2 - Reservoir construction contract will be awarded in FY 2025.

Indian River Lagoon South – C-23/24 STA

Lead Agency: USACE

Anticipated Completion Year: 2026

Project Description: The 2,700-acre C23/24 STA is designed to treat water from the C-23 and C-24 Basins. Its purpose is to reduce the sediment, phosphorus, and nitrogen going to the St. Lucie River Estuary and the southern portion of the Indian River Lagoon.

Status: Construction; Stormwater treatment areas (STA) Cells 1 and 2 are near 100% complete. Cell 3 clearing and grubbing is 90% complete. Cell 4 clearing and grubbing is 75% complete. Cell 5 clearing and grubbing is 97% complete. All water control structures are 50% complete.

Indian River Lagoon South C-25 Reservoir and STA

Lead Agency: SFWMD

Anticipated Completion Year: 2028

Project Description: The C-25 Reservoir and STA will capture, store and treat local stormwater runoff from the C-25 Canal. The project reduces the rate of harmful flows to downstream estuaries and improves water quality in the estuary and lagoon. Project features include an 803-acre reservoir with 5,176 acre-feet of storage, a 532-acre STA, and a 250 cfs pump station.

Status: Design. Package 1 for Site Preparation estimated contract award in Q4 FY 2024.

Indian River Lagoon South – C-44 Reservoir

Lead Agency: USACE

Completion Year: 2021

Project Description: The C-44 Reservoir will store 50,000 acre-feet of water, including local basin runoff and Lake Okeechobee releases. This will reduce harmful releases reaching the St. Lucie Estuary that can fuel harmful algal blooms.

Status: Construction Complete, in Operational Testing and Monitoring Period (OTMP). Repairs to S-402 complete. Designing additional seepage management feature to be constructed under separate contract starting in 2024.

Indian River Lagoon South – C-44 STA

Lead Agency: SFWMD

Completion Year: 2019

Project Description: The 6,400-acre C-44 STA will remove harmful nutrients and provide regional water quality benefits. It will treat the water stored in the reservoir before it is released into the estuary.

Status: Construction Complete, in Operational Testing and Monitoring.

Indian River Lagoon South Natural Water Quality Storage Areas and Muck Removal

Lead Agency: SFWMD

Anticipated Completion Year: TBD

Project Description: This project is part of Indian River Lagoon – South Phase II and will work together with other IRL-South components to protect and restore the lagoon and estuary. It will create natural storage by preserving and restoring lands in the contributing basins of the north and south forks of the St. Lucie River and the estuary.

Status: Planning; Acquiring Lands.

Lake Okeechobee System Operating Manual (LOSOM)

Lead Agency: USACE

Anticipated Completion Year: 2024

Project Description: The USACE is updating the Lake Okeechobee operations manual to reevaluate and define operations for the Lake Okeechobee regulation schedule that takes into account additional infrastructure that will soon be operational.

Status: Planning; The Water Control Plan (WCP) will go into effect once it is signed by USACE, South Atlantic Division. Additional coordination is still underway within USACE to complete the Final Environmental Impact Statement (EIS). The Final WCP will be released when the Final EIS is complete.

Lake Okeechobee Watershed Restoration Project (LOWRP)

Lead Agency: SFWMD

Anticipated Completion Year: TBD

Project Description: LOWRP is an Everglades restoration planning effort that will improve water levels in Lake Okeechobee; improve the quantity and timing of discharges to the St. Lucie and Caloosahatchee estuaries; restore degraded habitat for fish and wildlife throughout the study area; and increase the spatial extent and functionality of wetlands.

The Florida Legislature appropriated a total of \$150 million for the LOWRP during the previous three legislative sessions. During the 2021 legislative session, the Florida Legislature also passed Senate Bill 2516 to further support and expedite the implementation of LOWRP. This funding was provided to the SFWMD for the design, engineering and construction of specific LOWRP components designed to achieve the greatest reduction in harmful discharges to the Caloosahatchee and St. Lucie Estuaries.

Status: Planning; Design, Well Testing and ASR Science Plan. The USACE is targeting a Chief's Report for the wetlands restoration in Summer 2024.

Loxahatchee River Watershed Restoration Project

Lead Agency: SFWMD

Anticipated Completion Year: 2032

Project Description: The Loxahatchee River Watershed Restoration Project will restore and sustain the overall quantity, quality, timing and distribution of fresh water to the federally designated "National Wild and Scenic" Northwest Fork of the Loxahatchee River for current and future generations. This project also seeks to restore, sustain and reconnect the wetlands and watersheds that form the historic headwaters for the river. These areas include Jonathan Dickinson State Park, Pal Mar East/Cypress Creek, DuPuis Wildlife

and Environmental Management Areas, J.W. Corbett Wildlife Management Area, Grassy Waters Preserve, Loxahatchee Slough, the Northwest Fork of the Loxahatchee River and the Loxahatchee River Estuary.

Status: Design.

- Flowway 1: Anticipated to execute design contract in FY 2024.
- Flowway 2 and 3: In design, survey and geotechnical work underway.

Picayune Strand Restoration Project

Lead Agency: USACE

Anticipated Completion Year: 2025

Project Description: This project restores the natural water flow across 85 square miles in western Collier County that were drained in the early 1960s in anticipation of extensive residential development. The restoration involves plugging 48 miles of canals, removing 260 miles of crumbling roads, and constructing three major pump stations, all of which will restore more than 55,000 acres of natural habitat.

Status: Construction. All three Picayune pump stations and Miller Tram and Road Removal are complete.

- Southwest Protection Feature Levee: Four of six lifts for the full seven miles are complete and the fifth and sixth lifts are underway with expected completion by December 2024.
- Conveyance Features (Design/Build Contract): U.S. 41 culverts construction completed January 2024. CR-92 construction underway and expected completion by November 2024.

Southern Everglades

Lead Agency: USACE/SFWMD

Anticipated Completion Year: TBD

Project Description: The Southern Everglades project aims to provide substantial amounts of freshwater to improve the quantity, timing, and distribution of freshwater in the Greater Everglades and Everglades National Park wetlands and Florida Bay.

Status: Planning; The 2023 Integrated Delivery Schedule (IDS) indicates the study will kick off in 2025.

Western Everglades Restoration Project (WERP)

Lead Agency: USACE/SFWMD

Anticipated Completion Year: TBD

Project Description: The Western Everglades Restoration Project is an Everglades restoration planning effort that aims to improve the quantity, quality, timing, and distribution of water in the western Everglades. The study area covers approximately 1,200 square miles, bounded by the L-1 Canal to the north; the L-2 Canal, Stormwater Treatment Area (STA) 5/6, and the eastern boundary of the Miccosukee Tribe of Indians of Florida Reservation to the east; a natural watershed boundary to the west; and portions of U.S. Highway 41, Loop Road, and the southern Miccosukee Tribe of Indians of Florida Reservation area to the south.

Status: Planning, Design & Construction; The 3x3x3 planning study waiver request, for schedule and budget to complete the study, was approved by the Assistant Secretary of the Army, for Civil Works, January 2024. The draft Planning Implementation Report (PIR) and draft Environmental Impact Statement (EIS) were released for public comment 15 Dec 2023. A series of "open house" public meetings were held in December to discuss the project. In-person and virtual National Environmental Policy Act (NEPA) Public Meetings were held January 17 & 18, 2024. The final reports (PIR and EIS) are currently being prepared. The Agency Decision Meeting is scheduled for March 18 2024. The USACE is targeting a Chief's Report in September 2024 for inclusion in WRDA 2024.

- Region 4 early work - L-28 Culverts construction contract awarded in December 2023. Modeling complete and Geotechnical work ongoing for 11-Mile Road, US-41 and Loop Road Culverts.



Northern Everglades and Estuaries Protection Program (NEEPP)

Progress Update – March 2024

SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) PROGRESS UPDATE

In accordance with NEEPP (§373.4595(6), Florida Statutes), the NEEPP Annual Progress Report in Chapter 8A of the Final 2024 South Florida Environmental Report (SFER) – Volume I, along with the Watershed Protection Plan annual reviews for Lake Okeechobee Watershed (Chapter 8B), St. Lucie River Watershed (Chapter 8C), and Caloosahatchee River Watershed (Chapter 8D), were web-published by SFWMD on March 1, 2024 (SFWMD.gov/SFER). Chapter 8A was prepared by SFWMD in collaboration with DEP and FDACS to also report on the most recent updates of the state’s BMAP and BMP progress in the Northern Everglades.

This year’s consolidated reporting includes both the SFER-wide and chapter-specific Highlights that showcase our agencies’ notable achievements and successes over the past year covered in the full ~3,000-page, three-volume publication. Moreover, this captures our project milestones accomplished during 2023 across the Northern Everglades – including NEEPP priorities outlined in Governor DeSantis’ Executive Order 23-06: Achieving Even More Now for Florida’s Environment (see Chapter 8A project spotlights in map and table below).

INTERAGENCY SPOTLIGHT

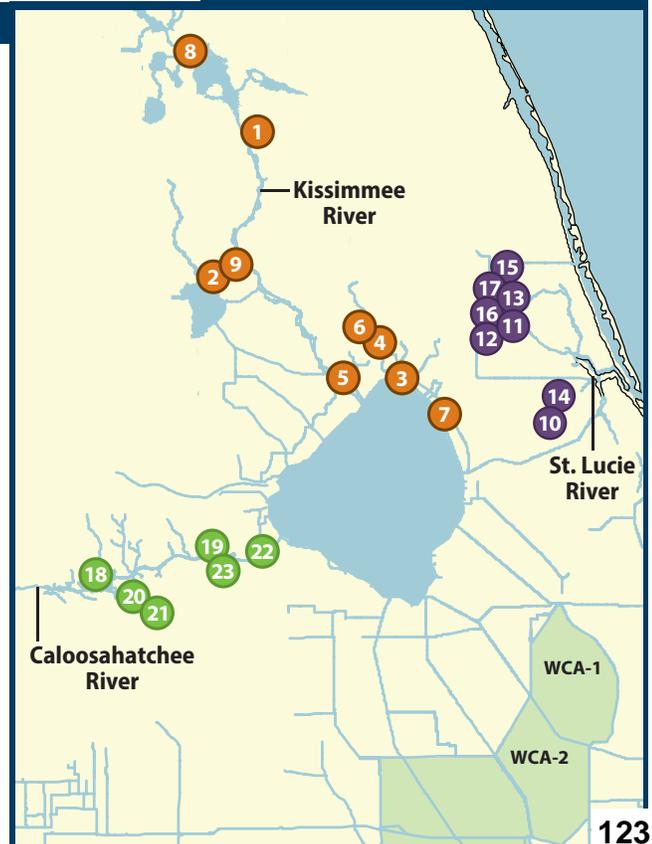
On March 5, 2024, Coordinating Agencies’ leadership met in person to discuss our ongoing collective work to implement the state’s Executive Order 23-06 (Achieving Even More Now for Florida’s Environment).

Importantly, key priorities of Executive Order 23-06 include expediting Everglades restoration projects and supporting the management of Lake Okeechobee to reduce harmful discharges and send more water south, strengthening Basin Management Action Plans (BMAPs), and improving agricultural Best Management Practices (BMPs).

Key highlights of SFWMD-led Watershed Construction Projects in Northern Everglades watersheds during 2023.

MAJOR PROJECT MILESTONES

#PROJECT	FY2023 ACCOMPLISHMENT	PROJECTED CONSTRUCTION COMPLETION
LAKE OKEECHOBEE WATERSHED		
1. El Maximo Ranch Dispersed Water Management	Advanced Construction	2024
2. Aguaculture – Lake Istokpoga	Initiated Planning and Design	2024
3. S-191 Innovative Treatment Technologies	Updated Study Design, Began Construction	2024
4. TCNS 214 Storage and Treatment	Initiated Planning and Design	2026
5. Lower Kissimmee Basin STA	Continued Planning and Design Efforts	2027
6. Grassy Island Flow Equalization Basin	Continued Conceptual Design	2026
7. Brady Ranch Flow Equalization Basin	Continued Conceptual Design	2027
8. Headwater Lakes Regulation Schedule*	Continued Design	2027
9. Kissimmee River Restoration – Operations*	Continued Design	2031
ST. LUCIE RIVER WATERSHED		
10. C-44 Reservoir and STA*	Continued Operational Testing & Monitoring	2021
11. Ideal 1000	Initiated Planning	2024
12. C-23/C-24 District Lands Hydrolic Enhancements	Initiated Planning	2025
13. C-23/C-24 STA*	Advanced Construction	2025
14. C-23/C-44 Interconnect Canal*	Advanced Construction	2025
15. C-25 Reservoir and STA*	Continued Design	2028
16. C-23/C-24 South Reservoir*	Continued Design	2030
17. C-23/C-24 North Reservoir*	Continued Design	2030
CALOOSAHATCHEE RIVER WATERSHED		
18. ALJO Four Corners Rapid Infiltration	Completed Construction, Began Operations	2023
19. C-43 Water Quality Treatment & Testing Facility, Phase II, Test Cells	Began Construction	2024
20. C-43 Reservoir Water Quality Component*	Continued Permitting and Design	2025
21. C-43 West Basin Storage Reservoir*	Advanced Construction	2025
22. Lake Hicpochee Expansion, Phase II*	Continued Design	2026
23. Boma Flow Equalization Basin	Continued Design	2027



*Priority Projects under Executive Order 19-12, Achieving More Now for Florida’s Environment.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) PROGRESS UPDATE

DEP is working closely with the Coordinating Agencies to prepare for the next annual BMAP meetings for the Caloosahatchee River and Estuary/Everglades West Coast, St. Lucie River and Estuary, and Lake Okeechobee, in April. The annual meeting for Lake Okeechobee will also cover the next 5-Year Review for the BMAP, which is planned to be published in December 2024. All three meetings will be held via webinar as follows:

- ▶ April 2, 2024: Caloosahatchee River and Estuary/Everglades West Coast Annual Meeting ([Registration Link](#))
- ▶ April 3, 2024: St. Lucie River and Estuary Annual Meeting ([Registration Link](#))
- ▶ April 4, 2024: Lake Okeechobee Annual Meeting and 5-Year Review Kick-off ([Registration Link](#))

DEP is reviewing Clean Waterways Act (CWA) wastewater and onsite sewage treatment and disposal system (OSTDS) draft remediation plans from local governments as part of the 2025 BMAP update process. Draft plans were due by February 1, 2024, and the final plans are due by August 1, 2024. To date, DEP has received over 100 draft remediation plans. More information on these plans can be found at floridadep.gov/dear/water-quality-restoration/content/clean-waterways-act-requirements-wastewater-onsite-sewage.

FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES (FDACS) PROGRESS UPDATE

As of February 1, 2024, FDACS has completed 86% of required implementation verifications (IVs) for agricultural operations within the NEEPP boundary. IV completion increased as more of the enrolled producers whose IVs were deferred due to impacts of Hurricanes Ian and Nicole are having IVs completed. FDACS continues to collect and retain required nutrient application records as IVs are conducted.

FDACS Office of Agricultural Water Policy (OAWP) is working to revise nine existing Florida agricultural Best Management Practices (BMP) manuals and rules. As part of this effort, OAWP is also creating a new manual to enroll livestock types, such as goats, sheep, swine, and more exotic animals, that do not currently have a BMP manual available. The notice of rule development for the Sod Manual was published on February 13, 2024, and OAWP expects the notice of rule development for the Cattle Manual to follow shortly. Work groups for the other manuals are scheduling meetings and have started drafting needed revisions.

A LOOK AHEAD

April 2, 3, and 4, 2024

DEP’s Northern Everglades BMAP annual public meetings via webinar. Further updates on the BMAP meetings are available at floridadep.gov/dear/water-quality-restoration/content/bmap-public-meetings.

April 10 and 11, 2024

An Open House, showcasing informational posters by the report authors and contributors of the 2024 SFER, will be held at SFWMD headquarters in West Palm Beach.

For more information, visit SFWMD.gov/Meetings.

Mouth of Caloosahatchee River Estuary, San Carlos Bay

