

LAKE COUNTY WATER AUTHORITY
(352) 324-6141
REGULAR MEETING ANNOUNCEMENT AND AGENDA

Wednesday, June 17, 2026
3:30 p.m.

Lake County Administration Building
2nd Floor – County Commission Chambers
315 Main Street, Tavares, FL 32778

I. CALL TO ORDER

II. INVOCATION & PLEDGE OF ALLEGIANCE

III. AGENDA UPDATE

- Discussion regarding proposed revisions to today's Agenda.

IV. MINUTES APPROVAL (Tab 1)

Tab 1 Recommend approval of the following minutes:

- **May 20, 2026, Regular Meeting**

V. PUBLIC COMMENT

VI. CONSENT AGENDA (Tabs 2-6)

<u>Tab 2</u>	Water Resources Monthly Staff Report	Marcia Bush
<u>Tab 3</u>	Approve Woodard & Curran Updated Year Four Operating Budget	Bobby Bonilla
<u>Tab 4</u>	Approve Remote Participation Request	Jimmy Crawford
<u>Tab 5</u>	Approve Funding Request for the Purchase of an Aquatic Harvester	Charles Groves
<u>Tab 6</u>	Approve Funding Request for Trout Lake Nature Center Restoration Project	Justin Elkins

VII. REGULAR AGENDA (Tabs 7-10)

<u>Tab 7</u>	Presentation by the St. Johns River Water Management District On Water Supply Planning in the Central Springs/East Coast and Central Florida Water Initiative Planning Regions	Joy Kokjohn
<u>Tab 8</u>	Try Marine Water Quality Technology Presentation by Trophic Innovations	David Beasley
<u>Tab 9</u>	Unanticipated Revenue Resolution (URR) for Water Quality Study Participation	Sean Beaudet
<u>Tab 10</u>	Update on M-1 Dam Repairs	Sean Beaudet

VIII. REGULAR AGENDA (Tab 11)

A. Trustees

Tab 11 Trustee Zenishek – District #3
June 12, 2026 Heartland League of Cities Meeting Report

Birdie Zenishek

IX. REPORTS

A. Legal Counsel/Executive Director

X. BOARD MEMBER REPORTS AND ITEMS FOR FUTURE AGENDA

XI. ANNOUNCEMENT OF UPCOMING MEETINGS AND EVENTS

Regular Board Meeting
Wednesday, July 22, 2026 (3:30 p.m.)
BCC Chambers/Admin. Building

Stories of Water
Friday, June 26, 2026 (9:00 a.m. – 12:00 p.m.)
Crooked River Preserve

Watershed Wednesday
Wednesday, July 8, 2026 (10:00 a.m. – 12:00 p.m.)
Hickory Point Pavilion

Wetland Excursion
Saturday, July 11, 2026 (9:00 a.m. – 12:00 p.m.)
Pasture Reserve

XII. ADJOURNMENT

XIII. ADDENDUM

ELECTION OF CHAIRMAN



**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

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TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Marcia Bush, Associate Director, Water Resources

DATE: June 9, 2026

RE: Minutes Approval

Consent Agenda – Tab 1

Approval of Meeting Minutes

Please find attached the following Minutes for Approval:

- May 20, 2026 Regular Meeting

Executive Director's Recommendation:

1. For Board approval.

BOARD OF TRUSTEES

Gavin Rollins
District 1

Trampis Bonjorn
District 2

Birdie Zenishek
District 3

Butch Hendrick
District 4

Jonathan Germeroth
District 5

1 A REGULAR MEETING OF THE LAKE COUNTY WATER AUTHORITY BOARD

2 MAY 20, 2026

3 The Lake County Water Authority Board met in regular session on Wednesday, May 20,
4 2026 at 3:30 p.m., in the County Commission Chambers, Lake County Administration Building,
5 Tavares, Florida. Board members present at the meeting were: Robert Hendrick, Chairman;
6 Kristan Zenishek, Vice Chairman; Gavin Rollins; and Trampis Bonjorn. Member not present:
7 Jonathan Germeroth. Others present were: Bobby Bonilla, Assistant County Manager; Jimmy
8 Crawford, LCWA Attorney; and Josh Pearson, Deputy Clerk.

9 CALL TO ORDER/PLEDGE OF ALLEGIANCE

10 Mr. Robert Hendrick called the meeting to order.

11 Mr. Justin Elkins, Director for the Office of Water Resources, gave the Invocation.

12 Mr. Hendrick remarked that Lieutenant Joe Sacco began his career as a correctional officer
13 and had dedicated 30 years to public service before retiring in 2020, and that following his
14 retirement, he continued his commitment to serving the community by joining Buena Vista
15 Security and Protection Agency as a security officer for Lake County. He commented that over
16 the past six years, Lieutenant Sacco had served with distinction as a lead security officer for Lake
17 County.

18 Lieutenant Sacco led the Pledge of Allegiance.

19 Mr. Luis Gustavo Soto, with Buena Vista Security and Protection Agency, thanked Lake
20 County for recognizing Lieutenant Sacco, noting that he was a great asset in taking on this contract
21 in the beginning. He indicated that Lieutenant Sacco would always be part of their family.

22 Lieutenant Sacco expressed appreciation for this recognition, opining that it was a nice
23 place to work.

24 AGENDA UPDATE

25 Mr. Bobby Bonilla, Assistant County Manager, said that there were no updates to the
26 agenda.

27 APPROVAL OF MINUTES

28 On a motion by Mr. Rollins, seconded by Ms. Zenishek and carried unanimously by a vote
29 of 4-0, the LCWA Board approved the minutes for the LCWA meeting of April 22, 2026 (Regular
30 Meeting) as presented.

31 PUBLIC COMMENT

32 No one wished to address the Board at this time.

33 FISCAL YEAR 2024-2025 FINANCIAL AUDIT PRESENTATION

34 Mr. Joel Knopp, Audit Partner with Forvis Mazars, said that a communication letter had
35 been provided at the conclusion of their audit which reviewed a variety of topics including auditor
36 and management responsibilities, as well as management's representations that were provided to
37 them for the audit. He highlighted that there were no audit adjustments, which indicated good
38 internal controls over financial reporting. He also highlighted the following items in the financial
39 statements: they issued an unmodified opinion, which was a clean opinion that the numbers were
40 presented in accordance with generally accepted accounting principles; the management

1 discussion and analysis which had tables for information compared to the prior year; the Fiscal
2 Year (FY) 2025 ending net position for the Lake County Water Authority (LCWA) was \$46
3 million; as it related to liquidity, they had \$19 million in current assets, and there were no concerns
4 from a liquidity standpoint; page seven gave a comparison of activity in the General Fund, noting
5 that there was a slight spenddown of reserves at \$1.2 million for FY 2025, though this was
6 budgeted and there were no concerns; overall, tax revenue increased for FY 2025 from \$9.9 million
7 to \$11.5 million; page 22 regarded scheduled expenditures of Federal awards, and the LCWA met
8 the threshold that required a single audit, which was the compliance audit of the major grants that
9 the LCWA spent funding on; for FY 2025, this was the Sport Fish Restoration Grant of
10 approximately \$550,000, noting that they tested this grant and had issued a clean report; there was
11 a report related to internal controls over financial reporting and compliance under government
12 audit standards, which was also a clean report; and two final reports required by the Florida Auditor
13 General included a management letter and an independent accountant's report related to
14 investment compliance, noting that these were also clean reports. He opined that these were good
15 results for the LCWA and that it was a good financial position at the end of the year. He then
16 expressed appreciation to the Lake County Clerk of the Circuit Court and Comptroller finance
17 team, as they handled all of the financial reporting aspects and had provided them with information
18 needed for audits.

19 Mr. Hendrick thanked Mr. Gary Cooney, Lake County Clerk of the Circuit Court and
20 Comptroller and LCWA Secretary and Treasurer, along with Ms. Kristy Mullane, Chief Financial
21 Officer for the Lake County Clerk of the Circuit Court and Comptroller, and their staff for their
22 efforts during the successful audit in the past year.

23 On a motion by Ms. Zenishek, seconded by Mr. Bonjorn and carried unanimously by a
24 vote of 4-0, the LCWA Board approved the audited financial statements for FY 2024-2025 from
25 Forvis Mazars.

26 CONSENT AGENDA

27 On a motion by Mr. Rollins, seconded by Ms. Zenishek and carried unanimously by a vote
28 of 4-0, the LCWA Board approved the Consent Agenda, Tabs 3 through 5, as follows:

29 Water Resources Monthly Staff Report

30 FWC Contract No. 21147 Amendment 2

31 Approval of Funding Request for Operations Fleet Vehicle

32 REGULAR AGENDA

33 LAKE YALE ALUM TREATMENT PROJECT UPDATE

34 Dr. John Holz, Senior Limnologist for SOLitude Lake Management and Project Manager
35 for the Lake Yale Alum Project, said that this was the first update after the first alum application
36 was completed. He explained that Lake Yale was slightly over 4,000 acres and had a maximum
37 depth of about 25 feet with a mean depth of 12 feet, and that over the years it had frequent algal
38 toxin health alerts due to excessive amounts of cyanobacteria. He recalled that it was listed as
39 impaired by the Florida Department of Environmental Protection (FDEP) in 2002, and that in 2023
40 they did a total maximum daily load (TMDL) report which established a goal for the lake at 20

1 parts per billion (PPB) of phosphorus. He pointed out that there was a linear relationship between
2 algae and phosphorus in lakes, and that reducing the amount of phosphorus could also reduce the
3 amount of algae, noting that they were trying to move Lake Yale down on this scale. He related
4 that not only did the phosphorus control the overall amount of algae in the lake, but it also
5 controlled what kinds of phosphorus they had. He said that phosphorus would reach a threshold
6 of around 60 to 100 PPB where it would start to accumulate much blue-green algae, or
7 cyanobacteria, which was the type of algae that could produce toxins; therefore, they wanted to
8 move away from having runaway algal blooms that produced health concerns. He relayed that
9 Lake Yale had much phosphorus over the years, that it was sometimes characterized as having
10 extreme levels of over 500 PPB, and that levels as high as 1,000 or 2,500 PPB had occurred. He
11 stated that they typically started to hear people express concerns or see water quality decline
12 around 60 to 100 PPB, and he relayed the following timeline information about the project: in
13 2002 FDEP listed the lake as impaired; in 2014 the LCWA commissioned a study that was
14 conducted over 2015 and 2016 and was published in 2017; the study identified the issues in Lake
15 Yale, the source of the issue, and some recommendations to fix it; in 2019 the LCWA earmarked
16 some funds to move forward with an alum application, though there was an issue with permitting;
17 over 2019 to 2025 they worked on receiving a permit, noting that there was a section in a statute
18 classifying alum as fill; the permit was issued in 2025; and the first of four alum applications
19 occurred in February and March 2026, with each event scheduled six to 12 months apart. He said
20 that a key finding in the study was that about 80 percent of the phosphorus in Lake Yale was
21 recycling from the bottom of the lake, noting that it was fueling algal blooms. He explained that
22 alum was designed to work well in lakes with much internal loading, and that the study also
23 recommended using alum to combat the loading issue, noting that alum had been used in lakes for
24 over 60 years and was well understood. He remarked that as a liquid, alum mixed with the lake
25 water and formed a solid that sank to the bottom which could be thought of as a phosphorus sponge
26 that would not redissolve; therefore, once they could get the phosphorus into the alum floc, they
27 would end up with improved water quality, lower phosphorus, less algae, reduced toxins, more
28 oxygen, a better fish habitat, and improved recreational opportunities. He said that their staging
29 area for phase one was the Lake Yale Baptist Conference Center boat launch, and he thanked them.
30 He provided information about the application process, and stated that 25 percent of the full alum
31 dose had been successfully applied with no human or environmental safety incidents; furthermore,
32 over 1.3 million gallons of alum was applied. He mentioned that they built equipment for this
33 project, and that this was the largest lake ever treated with alum. He showed an application
34 coverage map of the lake, and displayed the average annual phosphorus concentrations in the lake,
35 noting that phosphorus had been reduced in 2025 before they did the application, which was likely
36 due to hydrilla management there. He indicated that the preliminary results included all samples
37 coming back below the lab detection limit of 10 PPB, reiterating that the stated goal in the TMDL
38 was 20 PPB; therefore, they were on the right trajectory. He mentioned that they could also
39 measure the amount of chlorophyll suspended in the water, which was an indication of how much
40 algae was there, and that the preliminary chlorophyll reading was indeterminant. He specified that

1 it was higher than the previous year and was about the same as the 2024 average, and he suspected
2 that the algae had not had enough time to react to the lower phosphorus concentrations;
3 additionally, he expected this to decrease through the summer. He remarked that they had invited
4 agencies for a demonstration day, and he showed a video that their marketing team had put
5 together, noting that he had requested a video that was not an advertisement for SOLitude Lake
6 Management, but rather an overview of what they did at Lake Yale.

7 Mr. Gavin Rollins asked if there were any harmful effects of the alum application and
8 binding to wildlife, etc. known at the current time, and Dr. Holz denied this.

9 Mr. Trampis Bonjorn inquired if Dr. Holz had ever seen numbers look this good this
10 quickly, and if he had seen things with this trajectory turn in a different direction.

11 Dr. Holz relayed that he had been involved in over 300 of these applications, and that the
12 lowest post-application phosphorus concentration they measured was 17 PPB, which turned out
13 fine; furthermore, this one was below 10 PPB. He indicated that it could rebound up, though they
14 were very pleased with the initial results. He relayed his understanding that the next sampling
15 event was scheduled for July 2026.

16 Mr. Bonjorn asked if they would ever look at how well it was doing and possibly determine
17 that the third and fourth applications were unnecessary.

18 Dr. Holz clarified that it would not last as long, and that the subsequent applications would
19 be more for longevity.

20 Ms. Kristan Zenishek opined that this was very encouraging.

21 Dr. Holz commented that before they did the work, they collected mud from around the
22 lake and analyzed how much phosphorus it contained, which told them how much alum to add and
23 where to add it, and that after a few months they would repeat this sediment study, noting that they
24 could adapt the program as needed.

25 Mr. Hendrick inquired if the algae spike in 2025 was pre or post-treatment for hydrilla.

26 Dr. Holz clarified that it was an average of all phosphorus samples collected in 2025, and
27 that sometimes when there were more plants, they would absorb or take the phosphorus out of the
28 water; however, there was still the same amount of phosphorus in the sediment, and this needed to
29 be controlled from coming back up. He mentioned that he wanted to work with Mr. Elkins to find
30 out how the hydrilla was being managed and when treatments occurred, and overlay this over the
31 long term phosphorus graphs to see if they could determine what impacts hydrilla management
32 might be having on phosphorus concentrations in the lake.

33 Mr. Elkins said that in 2022 and 2023 there was a follow up treatment for hydrilla in the
34 lake, noting that there was also a large treatment done years prior to this treatment.

35 PROPOSED ORDINANCE FOR NAME CHANGE

36 Mr. Jimmy Crawford, LCWA Attorney, indicated that there would be a presentation and
37 two options, noting that legal approved of either one.

38 Mr. Jeff Foley, Director for the Office of Communications, said that he had been asked to
39 put together two more logo samples with the LCWA name, and that staff approached this with the
40 idea that they could incorporate a sunset, a lake and greenery, keeping it accessible to the public

1 and making it recognizable, along with trying to demonstrate what the LCWA did. He opined that
2 the logos held onto the identity which had been built up over the years while also taking a step
3 forward. He also opined that they would be recognizable on t-shirts and the sides of trucks, etc.

4 Ms. Zenishek said that she had asked for this item to be brought back because after the
5 previous meeting, she had started thinking about several comments that Mr. Bonjorn and Mr.
6 Jonathan Germeroth had made. She opined that they had accomplished redefining what the LCWA
7 was, who they were and what they did, and she relayed that she wanted this item brought back for
8 the Board's consideration of possibly staying with the LCWA name.

9 Mr. Rollins indicated that he did not have a strong preference either way, and that he liked
10 incorporating the sunset look into the logo, noting that the primary and secondary logos would be
11 his preference if they stayed with the LCWA name. He also relayed that he was agreeable with
12 changing to "Lake County Water Management District."

13 Mr. Bonjorn recalled that he was accepting the other name, and opined that Mr.
14 Germeroth's points were possibly a good reason to stay with the same name. He added that there
15 was the cost of rebranding, and opined that freshening up the look was a good idea. He indicated
16 that he felt good about where they were, and opined that they had accomplished much in a short
17 period of time, noting that this made him feel better about the new direction and all the work they
18 were doing. He said that he would like to stay with the existing name for the reasons they had
19 mentioned earlier, and that he had come up with a different logo; however, he opined that many
20 of the displayed logos looked good. He explained that he was trying to keep something that had a
21 symbol of work, strength and possibly showing off their staff and the work they did, which was
22 why he had thought of a barge.

23 Mr. Hendrick relayed that individuals in the City of Tallahassee knew them as the LCWA,
24 and he questioned why they would change their name at the current time. He said that he liked the
25 logo with the sunrise or sunset, and that he would change the bottom, opining that it looked
26 agricultural.

27 Mr. Foley opined that it was recognizable, and that the icon could stand alone when needed,
28 noting that staff had also printed it smaller.

29 Mr. Rollins stated that he liked how the logo colors tied into the Lake County logo, as they
30 were a team but were also separate.

31 Mr. Crawford said that if it was the Board's wish to remain the LCWA, then since the
32 previous motion was to ask the Board of County Commissioners (BCC) to change the name, the
33 LCWA Board could make a motion to reconsider that motion, noting that staff could change it
34 back.

35 Mr. Rollins made a motion to reconsider their previous motion and stay with the LCWA
36 name, along with adopting the primary logo in the presentation. He also agreed with Mr. Hendrick
37 regarding a small change to the bottom of the logo, and he asked if they needed to submit the logo
38 change for approval.

1 Mr. Crawford indicated that he would like a vote to rescind the name change motion made
2 at the previous meeting, and that there was nothing required other than Board direction for the
3 logo.

4 Mr. Rollins made a motion based on this language.

5 Ms. Zenishek seconded the motion.

6 Mr. Bonjorn asked if this motion meant that the Board was in agreement with the primary
7 logo, or if it was still up for discussion at a later time.

8 Mr. Crawford relayed his understanding that it was to accept the primary logo on the first
9 page, and he inquired if this meant that they would also use the secondary logo when the shape fit
10 better.

11 Mr. Foley mentioned that they had access to all of them, and that he could bring the logo
12 back with the bottom changed.

13 Mr. Rollins restated his motion.

14 On a motion by Mr. Rollins, seconded by Ms. Zenishek and carried unanimously by a vote
15 of 4-0, the LCWA Board approved to rescind their motion from the previous meeting which
16 changed the name, and to maintain the name “LCWA,” with the official logo to be determined at
17 a future date.

18 PROPOSED LEGAL SERVICES – DRAFT SCOPE OF SERVICES

19 Mr. Bonilla stated that at the previous meeting, the Board had voted to have a draft scope
20 of services put together, and that their packet contained some of the information provided to staff.
21 He indicated that they were looking for input on requirements 4.1 and 4.6.

22 Mr. Rollins opined that it was good that both requirements were included, though he was
23 unsure if they needed a specific number of years because although experience mattered, he opined
24 that they did not want to narrow this before the request for proposal (RFP) came in. He opined
25 that they could give people an opportunity and then vet it on their own with the presentation or
26 once it was narrowed down to three applicants. He opined that Mr. Crawford was doing a great
27 job, and that this item was just about normal procedures, evaluating the different firms out there,
28 and periodically ensuring that they felt this was the best fit for the LCWA. He then asked how
29 someone would prove that there was not a conflict of interest from a practical standpoint, noting
30 this was already required by the Florida Bar rules.

31 Mr. Crawford relayed that he could work with staff to reword this slightly because “proof
32 of no conflicts” was likely not the best language to use.

33 Mr. Rollins indicated his understanding that one could certify that they had no conflicts.

34 Mr. Crawford inquired that for 4.1 and 4.6, could they say “possess experience in Florida
35 local government law” and remove any number of years, with the same being done for legislative
36 and regulatory law.

37 Mr. Rollins opined that they should have some familiarity, and he expressed concerns for
38 gamesmanship where one member of the firm might have 30 years of experience but may not
39 necessarily be the one sitting there. He opined that this would give the LCWA more flexibility to
40 evaluate the firms on every aspect of what they wanted.

1 Mr. Bonjorn stated that he liked the idea of not excluding people, and he inquired how they
2 could request who would be there a certain percentage of the time. He also questioned if the
3 LCWA wanted to do this.

4 Mr. Rollins opined that this could be part of the interview process, and that they likely did
5 not want to interview more than three firms. He also said that this could be part of the contract if
6 the firm indicated who would be there.

7 Ms. Zenishek pointed out that there might be specific meetings where they needed a partner
8 present for legal advice, though there could be other meetings where an associate could be fine to
9 address Robert's Rules of Order; therefore, she questioned if it was necessary to limit this in the
10 same way that they would remove the number of years.

11 Mr. Rollins opined that they did not have to do this, and that they could say that they
12 generally wanted one person they were hiring, noting that things could come up. He pointed out
13 that Mr. Crawford was present most of the time, and that they had other people a few times who
14 also did a great job, opining that this had worked well.

15 Mr. Crawford commented that 2.6 discussed labor and employment issues, personnel
16 matters and employee disputes, opining that experience in that area would be helpful; however, he
17 relayed his understanding that they were all County employees, and that the County Attorney's
18 Office and the County's Office of Human Resources (HR) and Risk Management would address
19 this. He wondered if this should be included as responsibilities, and he said that it stated "provide
20 guidance on," noting that they could possibly say "in cooperation with the Lake County Office of
21 HR and Risk Management and County Attorney's Office."

22 Mr. Hendrick mentioned rates, and asked if it was possible to have several subcontractors
23 on different levels, opining that they would not need someone with State and Federal level
24 experience for a large rate to address day to day items which they could get for less funding.

25 Mr. Rollins stated that typically, they would have a general attorney who would be the
26 attorney of records for meetings and general flow, and then they would often have a specialist for
27 specific litigation, noting that sometimes there was a litigation rate versus a rate for showing up.

28 Mr. Bonilla stated that staff could update 2.6 to be consistent with the management services
29 agreement with the County.

30 Mr. Bonjorn recalled that they had thought that about 80 percent was day to day items, and
31 he hoped that they could have this at a lesser rate. He also recalled that Ms. Zenishek had brought
32 in a group that they felt could potentially be a good outsource on State level items, relaying his
33 understanding that they could get legal services for specific matters outside of normal counsel
34 when needed.

35 Mr. Crawford opined that there should be a Board Attorney or a firm that was the Board
36 Attorney, though this did not mean that they could not have local counsel or someone else that
37 handled the day to day administrative work. He stated that they were looking to increase their
38 power and presence outside of Lake County for grant and legislative purposes, opining that this
39 person should likely be the Board Attorney; however, they possibly did not need the Board
40 Attorney to be reviewing every contract. He stated that something along these lines was within

1 the Board's power, as well as the RFP which would be put out broadly to give the Board the most
2 flexibility.

3 Mr. Rollins pointed out that 4.3 discussed submitting a fee schedule for general counsel,
4 litigation and special projects, opining that if they had one firm which was the general counsel,
5 then they could hire outside counsel for someone specialized in significant litigation.

6 On a motion by Ms. Zenishek, seconded by Mr. Bonjorn and carried unanimously by a
7 vote of 4-0, the LCWA Board approved the draft scope of work, with the discussed amendments,
8 and to authorize the Executive Director to work with staff and the Office of Procurement Services
9 to perform all due diligence for the RFP.

10 FISCAL YEAR 2027 RECOMMENDED BUDGET AND MILLAGE RATE

11 Mr. Bonilla said that the purpose of this item was for the LCWA Board to consider a budget
12 and a millage rate for FY 2027 which would be recommended for approval to the BCC at their
13 June 9, 2026 regular meeting. He recalled that budget workshops had occurred on March 25, 2026
14 and April 22, 2026, and he showed the taxable values for 2024 and 2025 based on early information
15 from the Lake County Property Appraiser. He said that they did not yet have anything for 2026,
16 and that those estimates would be available in June 2026 and be certified in July 2026; furthermore,
17 this information would be shared with the Trustees. He commented that the FY 2026 millage rate
18 approved by the LCWA Board was 0.2940 mills, and that the recommended FY 2027 millage rate
19 was 0.2940 mills, which was no change unless the LCWA Board directed staff differently. He
20 pointed out the projections of ad valorem taxes for FY 2026 and 2027, and he displayed a budget
21 summary for FY 2027 in comparison to FY 2026, with a FY 2027 recommended budget of
22 \$29,050,832. He relayed that the reserves were 16 percent of the operating budget, which was
23 recommended by the Government Finance Officers Association (GFOA), and that the grants and
24 aids reflected the LCWA's program and any grant from FDEP. He added that the capital outlay
25 included projects such as acquisitions and any capital projects that were currently multiyear or
26 multiphase. He said that the operating expenses included the management services agreement, staff
27 restructuring and any wage adjustments.

28 Ms. Zenishek made a motion to approve the LCWA FY 2027 recommended millage rate
29 Resolution 2026-03 of 0.2940 mills.

30 Mr. Bonjorn seconded the motion.

31 Ms. Zenishek commented that this was the initial approval, and that it could be adjusted
32 later, noting that she would like to see this come back with proposals at the State regarding
33 homestead tax exemptions. She relayed that they still did not have any tentative numbers from the
34 Property Appraiser, and that with the restructuring and cost savings they provided over the past
35 one to two years, they could possibly reduce this to take some of the burden off taxpayers as they
36 moved forward.

37 Mr. Bonjorn indicated his understanding that there was not another opportunity, and that
38 this would be going to the BCC next.

39 Mr. Bonilla clarified that it would be going to the BCC on June 9, 2026, and that on July
40 28 2026 the BCC would adopt the maximum millage rate, noting that they had some time. He

1 hoped that they would have some numbers from the Property Appraiser before the July 2026
2 meeting.

3 Mr. Rollins relayed his understanding that they would be locked into this as the maximum
4 millage rate, though it could be reduced after this.

5 On a motion by Ms. Zenishek, seconded by Mr. Bonjorn and carried unanimously by a
6 vote of 4-0, the LCWA Board approved the LCWA FY 2027 recommended millage rate
7 Resolution 2026-03 of 0.2940 mills.

8 On a motion by Ms. Zenishek, seconded by Mr. Bonjorn and carried unanimously by a
9 vote of 4-0, the LCWA Board approved the LCWA FY 2027 recommended tentative budget
10 estimated at \$29,050,832.

11 Mr. Crawford commended the Board and staff, and said that this was the way that they had
12 adopted the budget since they were an independent district. He added that since they were
13 currently a dependent district, they did not adopt any budget or millage; rather, they recommended
14 this to the BCC. He elaborated that from a legal standpoint, they did not have to do all of these
15 meetings, and that they were providing substantially more public meetings and input than was
16 legally required.

17 Mr. Bonilla displayed the next steps in the budget process, and he thanked the Board and
18 staff for support of everything they did on a daily basis and for recommending financial support
19 through the budget and projects that they were doing. He said that staff continued to perform the
20 goals, objectives and performance measures that the Board had adopted, and that they looked
21 forward to another great fiscal year.

22 REPORTS

23 EXECUTIVE DIRECTOR REPORT

24 MEMORIAL DAY

25 Mr. Bonilla indicated that the offices would be closed on the following Monday in
26 observance of Memorial Day.

27 BCC BUDGET PRESENTATION

28 Mr. Bonilla relayed that the budget the BCC would receive on June 9, 2026 would be a
29 combination of the last several budget presentations to the LCWA Board.

30 BOARD MEMBER COMMENTS AND ITEMS FOR FUTURE AGENDA

31 TRAMPIS BONJORN – DISTRICT 2

32 OYSTER DEPLOYMENT

33 Mr. Bonjorn related that they had done an oyster deployment in the last couple of days,
34 and that Lake County had much to do with this, noting that they had a designated area in the
35 landfill. He opined that this was possibly the largest recycled oyster reef in the State of Florida,
36 and pointed out that it was coming from Lake County, opining that they needed to let the BCC
37 know. He added that he had asked Mr. Justin Elkins, Director for the Office of Water Resources,
38 to work with the Florida Fish and Wildlife Conservation Commission (FWC) and some other
39 groups, noting that they found that clams and mussels could filter 15 to 20 gallons of water per

1 day; therefore, they were talking to these groups regarding a presentation to possibly implement
2 them at the Nutrient Reduction Facility (NuRF) or anywhere they could use them.

3
4 KRISTAN ZENISHEK – DISTRICT 3

5 APPROPRIATIONS

6 Ms. Zenishek said that she had called to see if there were any updates from Continental
7 Strategies, and that all of the committees had moved everything to the Appropriations Chair for
8 final determination. She elaborated that the LCWA was still in the same place, including being
9 half funded on the NuRF 2.0; additionally, Hicks Ditch had no funding from the House or the
10 Senate. She stated that they had been meeting with the different committees and the
11 Appropriations Chair to ensure they knew how important these projects were, and that as soon as
12 they had an update, they would let the LCWA know.

13 TROUT LAKE NATURE CENTER

14 Ms. Zenishek remarked that she had visited Trout Lake Nature Center on the previous day,
15 noting that Mr. Elkins had been working with Ms. Eileen Tramontana, Executive Director for
16 Trout Lake Nature Center, on a wetland restoration project leading up to the waterfront on their
17 boardwalk. She specified that all of that wetland and marsh area had become heavily wooded with
18 much non-native and invasive species, and that Ms. Tramontana was trying to determine how to
19 rehabilitate it back to the quality it should be. She relayed that Ms. Tramontana had asked if the
20 LCWA would be willing to work with them in the future, such as writing a letter of support for
21 grant funding to do this.

22 LAKE HARRIS MARINE PATROL

23 Ms. Zenishek mentioned that she had spent a day on Lake Harris with marine patrol units,
24 and she encouraged the LCWA Board to do this, noting that it was very educational.

25 EXECUTIVE DIRECTOR REPORT

26 LEAGUE OF CITIES MEETING AT HICKORY POINT

27 Mr. Bonilla said that they were tentatively scheduled to host the League of Cities meeting
28 on June 12, 2026 at the Hickory Point Pavilion.

29 ANNOUNCEMENT OF UPCOMING MEETINGS AND EVENTS

30 Regular Board Meeting, Wednesday, June 17, 2026 (3:30 p.m.), BCC Chambers/Admin.
31 Building

32 Stories of Water, Friday, May 22, 2026 (9:00 a.m. – 12:00 p.m.), Hidden Waters Preserve

33 Wetland Excursion, Saturday, June 6, 2026 (9:00 a.m. – 12:00 p.m.), Flat Island Preserve

34 Paddling Adventure, Sunday, June 7, 2026 (9:00 a.m. – 12:00 p.m.), Lake Norris
35 Conservation Area

36 Watershed Wednesday, Wednesday, June 10, 2026 (10:00 a.m. – 12:00 p.m.), Hickory
37 Point Pavilion

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There being no further business to be brought to the attention of the Board, the meeting was adjourned at 4:41 p.m.

ROBERT HENDRICK, CHAIRMAN

ATTEST:

GARY J COONEY, CLERK



**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

27351 SR 19 • Tavares, Florida 32778-4251 • (352) 324-6141 • Fax (352) 324-6364 • email: info@lcwa.org • www.lcwa.org

TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Marcia Bush, Associate Director, Water Resources

DATE: June 9, 2026

RE: Water Resources Monthly Staff Report

Consent Agenda – Tab 2

Water Resources Monthly Staff Report

Staff have prepared the monthly report to provide an informational update to the Board for activities conducted during the month of May. The report aligns with the programs, activities, goals and objectives adopted by the Board & provides a detailed overview of activities that have been performed by Water Resources staff throughout the month.

Executive Director's Recommendation:

1. For informational purposes only.

BOARD OF TRUSTEES

Gavin Rollins
District 1

Trampis Bonjorn
District 2

Birdie Zenishek
District 3

Butch Hendrick
District 4

Jonathan Germeroth
District 5



Lake County
WATER AUTHORITY

MONTHLY REPORT

May 2026

MONTHLY REPORT OVERVIEW

The monthly staff report covers LCWA's Core Programs

- Water Quality
- Stormwater
- Development Reviews
- Aquatic Plant Management & Waterway Maintenance
- Water Control Structures & Waterway Safety
- Land Management
- Conservation & Acquisition
- Community Engagement



Lake County
WATER AUTHORITY

WATER QUALITY

Ocklawaha River Basin Meeting with St. Johns River Water Management District

Staff attended the St. Johns River Water Management District (SJRWMD) public meeting for the 2026 Ocklawaha River Basin (ORB) Plan update on May 6. District staff provided an overview of ongoing basin-wide initiatives focused on water quality improvement, flood protection, and natural systems restoration across the 2,395-square-mile basin, which includes approximately 110,000 surface acres of lakes.

Updates included active nutrient reduction studies, aquatic restoration projects, levee and lock rehabilitation efforts, flood control infrastructure evaluations, and continued water quality treatment activities throughout the basin.



Lake Apopka, the headwaters of the Ocklawaha Chain of Lakes, has been the focus of nearly 40 years of restoration by the District. Since its water flows north through the chain, its water quality directly impacts the health of the entire system.

The St. Johns River Water Management District (District) will host a public meeting on the draft 2026 Ocklawaha River Basin Plan. District staff will present regional priorities and objectives and provide an opportunity for questions and public comment.

EOC-ESF-12 Meeting with Emergency Management

Staff met with Office of Emergency Management (EM) and of the Emergency Operations Center(EOC) in Lake County to develop and implement a custom fillable form in efforts to streamline communications and to perform improved monitoring of water levels during emergency activations as support staff within the Emergency Support Function-12 (ESF-12) of the EOC.

After attending this year's webEOC refresher course, follow-up discussion during the after-action review (AAR) period allowed for staff to reinitiate this effort, and to add this custom form into the "forms and documents" within the webEOC platform. The form will be included when submitting Situational Reporting (SitRep's) to EOC, providing better monitoring of real time impacts to Lake Count's waterways, flooding, etc. This form will also assist in streamlining forecasting to low lying areas, better facilitating response and recovery to these areas during activation.

WATER QUALITY PROJECTS

Nutrient Reduction Facility Master Plan Coordination

On May 14, 2026, staff coordinated with Barge Design Solutions to support development of the Nutrient Reduction Facility (NuRF) Master Plan. Activities included installation of monitoring wells and collection of hydrologic and groundwater data throughout the site.

The monitoring network will provide critical information on groundwater conditions, nutrient movement, and site hydrology to support future water quality improvement projects and restoration initiatives.

Staff also coordinated efforts between Barge Design Solutions and the Water Quality Lab to ensure consistent sampling protocols, data collection methods, and quality assurance procedures throughout the project.



WATER QUALITY PROJECTS

Nutrient Reduction Facility

- 0 Pounds of Phosphorus was removed for the month of May
- The new scroll has been received and installed but is not operational pending the VFD and Centrifuge Motor replacement

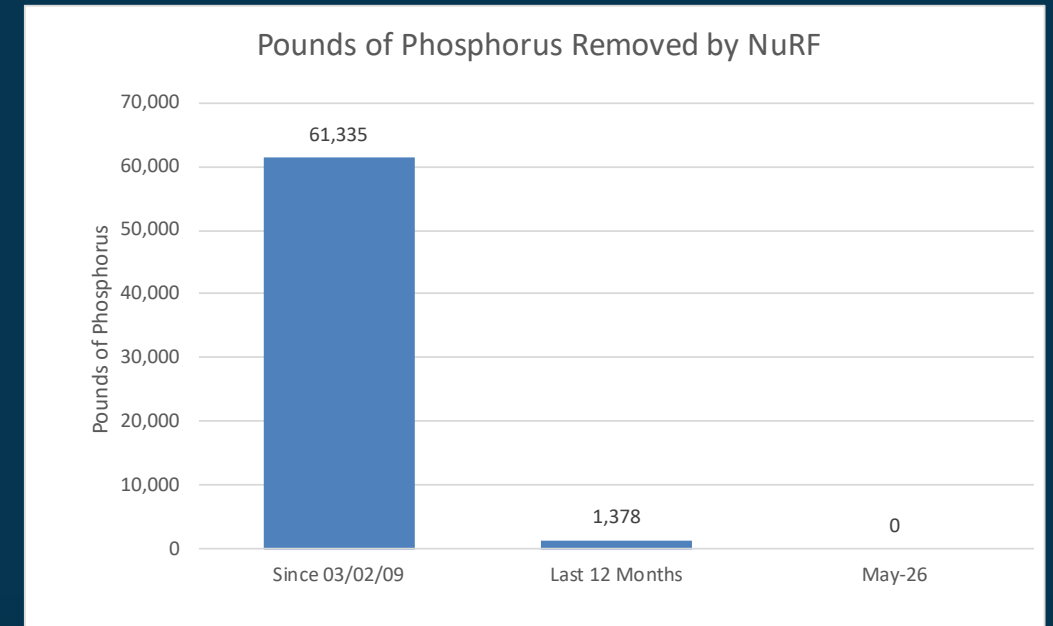


Figure 3. The NuRF's facility's total phosphorus reduction is based on the concentration and flow since the NuRF went into production, for the last 12 months and the month of May 2026.

WATER QUALITY PROJECTS

Water Quality – NuRF Inflow/Outflow Monitoring

The NuRF received below average flow throughout May. Flows through the NuRF averaged 10.2 cfs and ranged from 3.3 to 20.2 cfs. No water was released through the Apopka/Beauclair dam during May.

Average (non-flow weighted) inflow total phosphorus concentration to date is 114.0 ppb (Figure 2). The NuRF has removed 55% of the incoming total phosphorus mass to date. The removal percentage does not consider the fact that not all phosphorus exiting the facility is bioavailable. Average (non-flow weighted) total phosphorus concentration in the NuRF discharge to date is 51.6 ppb, which is above Lake Beauclair's TMDL of 32.0ppb. The average phosphorus discharged (not bioavailable) from the NuRF during May was 135.9 ppb and the average total phosphorus discharged from the NuRF during the last 12 months was 105.9 ppb (Figure 2). Total phosphorus levels coming from the Apopka-Beauclair Canal for the last 12 months averaged 155.2 ppb. The NuRF has removed 32% of the total phosphorus during the last 12 months.

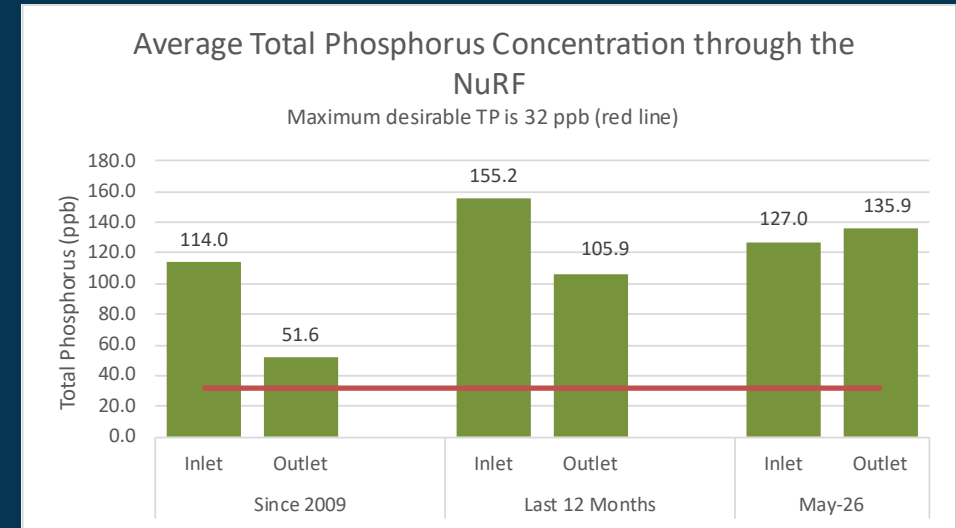


Figure 2. Total phosphorus concentration, based on average flow rate reported by SJRWMD and weekly total phosphorus data, estimated into and out of the facility since the NuRF went into production, during the past 12 months, and during May 2026.

WATER QUALITY MONITORING

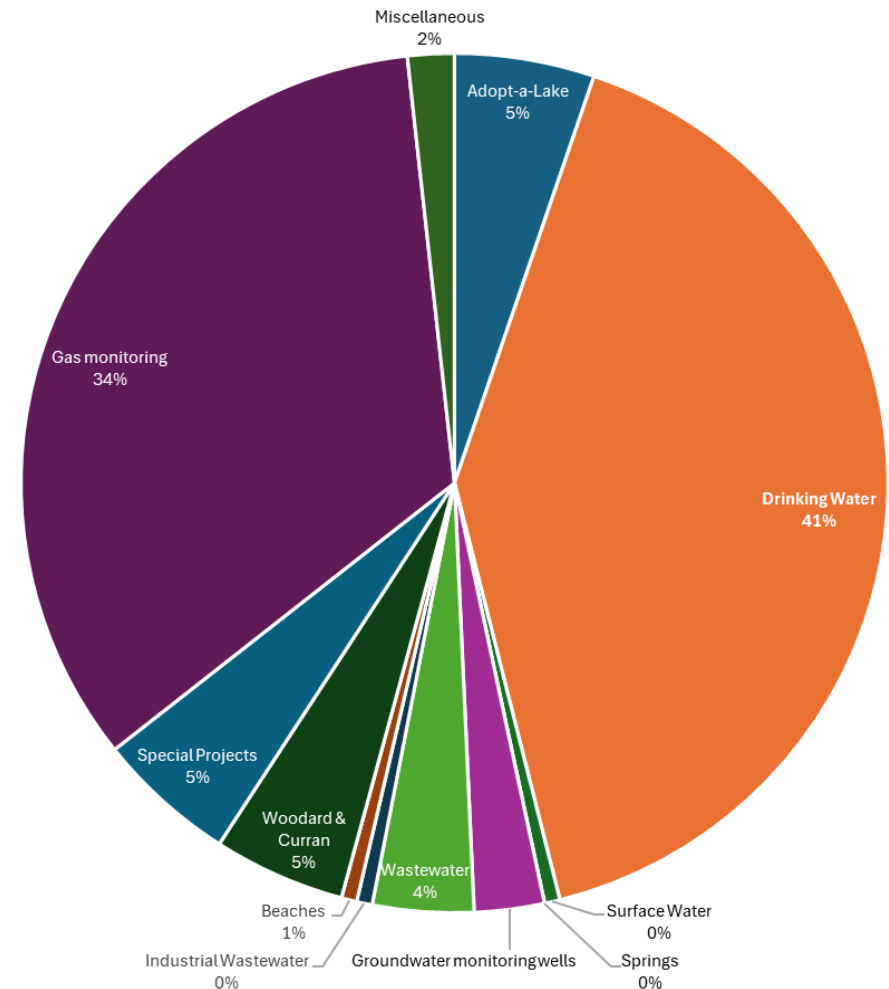
The Water Quality Lab received/collected a total of 345 water samples and performed a total of 1,397 analyses in May.

A breakdown by sample type is provided on the following slide.

Number of Samples: 345

Analyses Performed: 1,397

May 2026 Samples Received by Project



WATER QUALITY MONITORING

	#of samples	Sample Type	Typical Analytes/Project
Adopt-a-Lake	18		Field (Secchi, temperature, pH), E.coli, alkalinity, chlorophyll, color, total nitrogen (TN), total phosphorus (TP), turbidity, total suspended solids (TSS)
Drinking Water	141	LC wells, residents, Health Dept., Well companies, Home Inspectors, realtors	Bacteria (total coliform/E.coli), nitrate, nitrite, lead, iron hardness, copper, arsenic
Surface Water	2	LC and external collectors	Field (secchi, temperature, pH, dissolved oxygen (DO), conductivity), E.coli, alkalinity, chlorophyll, color, ortho phosphorus, total nitrogen (TN), total phosphorus (TP), turbidity, total suspended solids (TSS), metals
Springs	0		Field (temperature, pH, dissolved oxygen (DO), conductivity), alkalinity, color, ortho phosphorus, total nitrogen (TN), total phosphorus (TP), turbidity, total suspended solids (TSS), total dissolved solids (TDS), ammonia, sodium
Groundwater Monitoring Wells	9	LC Landfill and City of Eustis	Field (temperature, pH, dissolved oxygen (DO), conductivity, depth, purge rate/time), turbidity, total dissolved solids (TDS), ammonia, metals, chloride, nitrate, subcontract (organics, mercury)
Wastewater	13	City of Eustis	Nitrate, Total Kjeldahl Nitrogen (TKN), total phosphorus (TP)
Industrial Wastewater	2	Leesburg Regional Hospital, AdventHealth Waterman, Power Technology, Universal Beverage, North Campus Rehab and Nursing, Vermeer	Field (pH), chloride, metals, subcontract (organics, mercury, cyanide, oil & grease)
Beaches	2	Hickory Point, Exploria Resorts, ACA Camp	Fecal coliform
Woodard & Curran	17	NuRF	Total phosphorus, aluminum
Special Projects	18	AB Canal area, Yale area (including Marsh Park wells), Denham Muck Farm, Wolfbranch, Pine Meadows	Field (secchi, temperature, pH, dissolved oxygen (DO), conductivity), E.coli, alkalinity, chlorophyll, color, ortho phosphorus, total nitrogen (TN), total phosphorus (TP), turbidity, total suspended solids (TSS), metals
Gas Monitoring	117	Landfill	Methane
Miscellaneous	6	Quality Control, Certification, citrus maturity, out of state, farm water	Varies

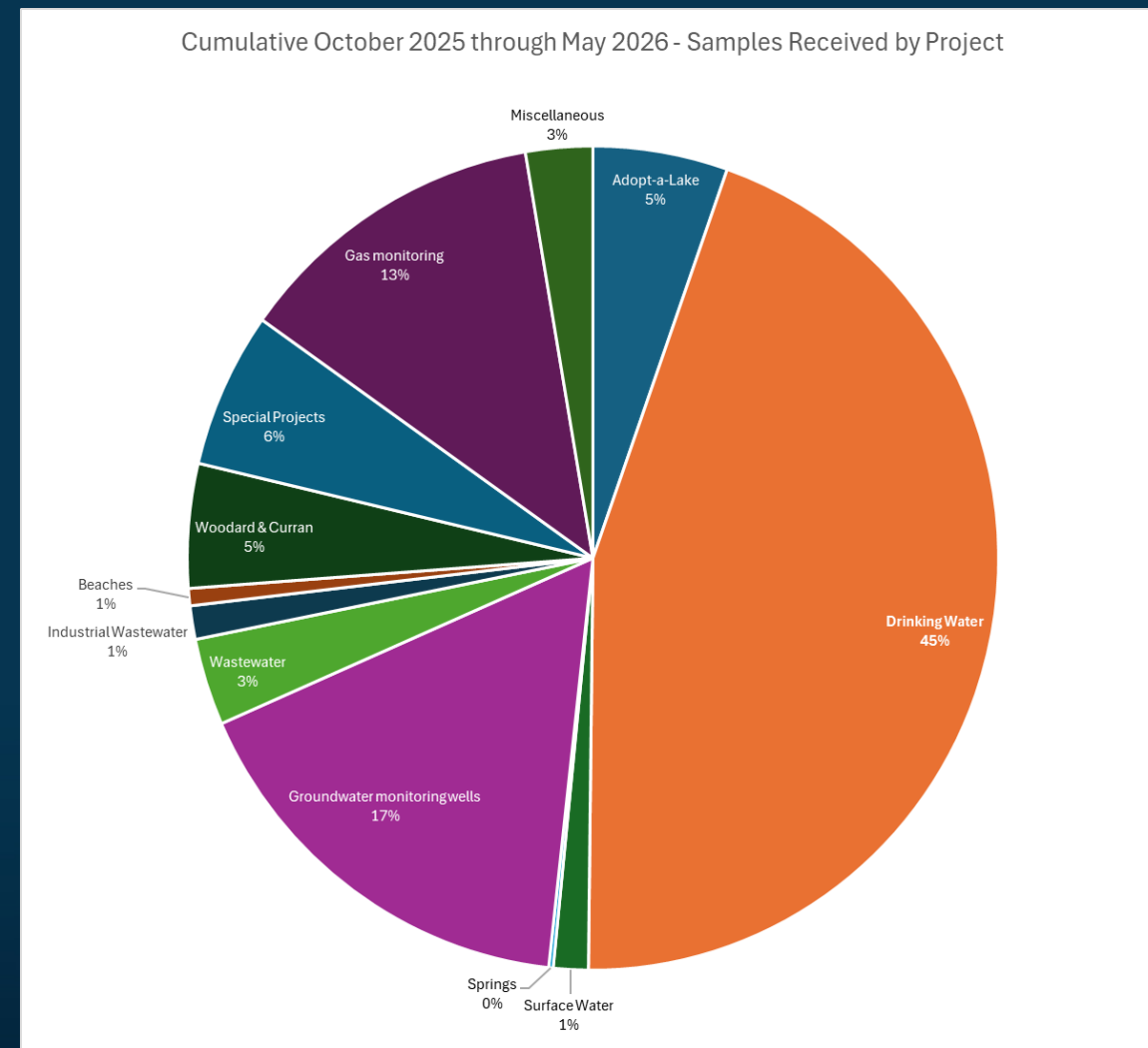
Total Number of Samples: 345, Analyses Performed: 1,397

FYTD WATER QUALITY MONITORING

This fiscal year to date (FYTD), October 2025 through May 2026, the Water Quality Lab received/collected a total of **2,812** water samples and performed a total of **15,241** analyses

Number of Samples: 2,812
Analyses Performed: 15,241

Project	#samples
AAL	151
Drinking Water	1260
Surface Water	39
Springs	5
Groundwater Monitoring Wells	469
Wastewater	96
Ind. Wastewater	37
Beaches	19
NuRF	137
Special Projects	172
Gas Monitoring	352
Misc.	75
Total	2,812





Lake County
WATER AUTHORITY

STORMWATER

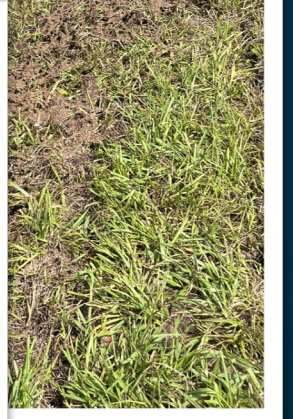
Stormwater Investigations & Community Response

Lake County

- Responded to drainage and swale maintenance concerns
- Coordinated corrective actions with Road Operations
- Assisted residents regarding right-of-way permitting requirements

Flooding & Drainage Inquiries

- Evaluated citizen flooding concerns
- Coordinated with municipalities and county departments to determine jurisdiction and next steps



MS4 Program Compliance & Regulatory Activities

May 2026 Highlights

- Reviewed and verified stormwater infrastructure records and GIS Mapping Data
- Continued Digitalization and quality assurance of historical stormwater documentation
- Integrated flood certificate records into countywide mapping system
- Advanced commercial inspection program enhancements to support permit compliance requirements
- Conducted illicit discharge and stormwater compliance investigations

Key Metrics

Activity	Quantity
Flood Certificate Redactions/Uploads	707
Stormwater Files Reviewed & Verified	35
Commercial Inspection Program Updates	Ongoing
MS4 Compliance Inspections	2



Lake County
WATER AUTHORITY

DEVELOPMENT REVIEWS

DEVELOPMENT PLANNING

Leesburg Planning Meeting

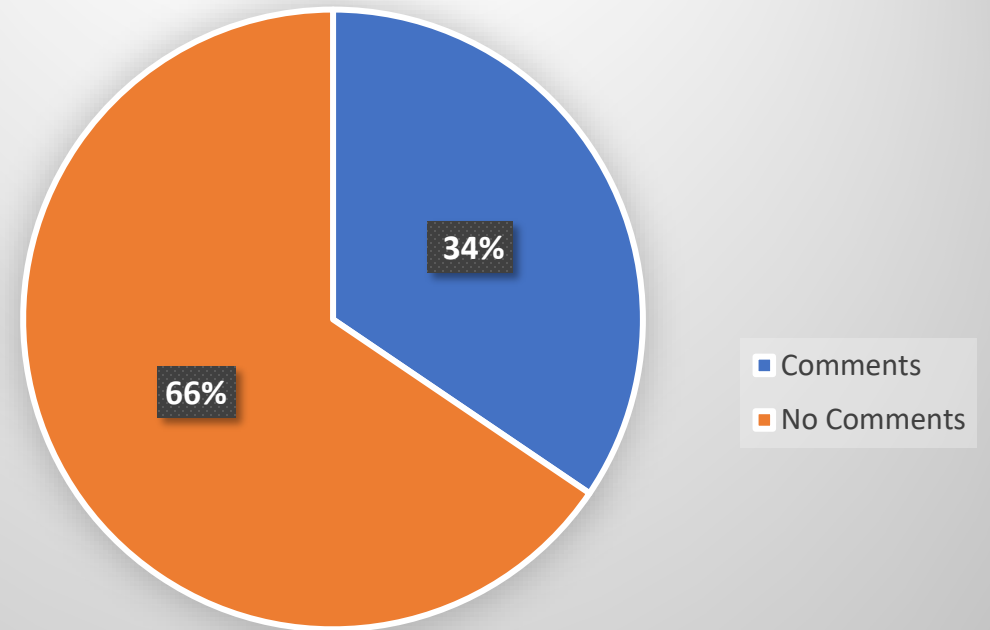
To date, staff have held 3 meetings on Lake County and municipal planning communication efforts. The first being with the City of Groveland, second with the City of Howie-in-the-Hills, and this past week with the Director and Deputy Director of Planning and Zoning from City of Leesburg. Staff held open discussion on improving communications and municipal cohesion regarding future planning and water resource impacts.

Overall, the meetings have been highly received with staff being added to Zoning and Development Review requests of all three cities. Staff are continuing talks with all partners on any and all areas in which we can improve together.

DEVELOPMENT REVIEWS

Staff Completed **29**
Development Reviews
and provided comments
on **10** of the reviews

May Completed Development Reviews





Lake County
WATER AUTHORITY

AQUATIC PLANT MANAGEMENT & WATERWAY MAINTENANCE

Dora Canal Tree Removal

On May 18, 2026 staff removed a tree from the Dora Canal



Aquatic Plant Management Treatments

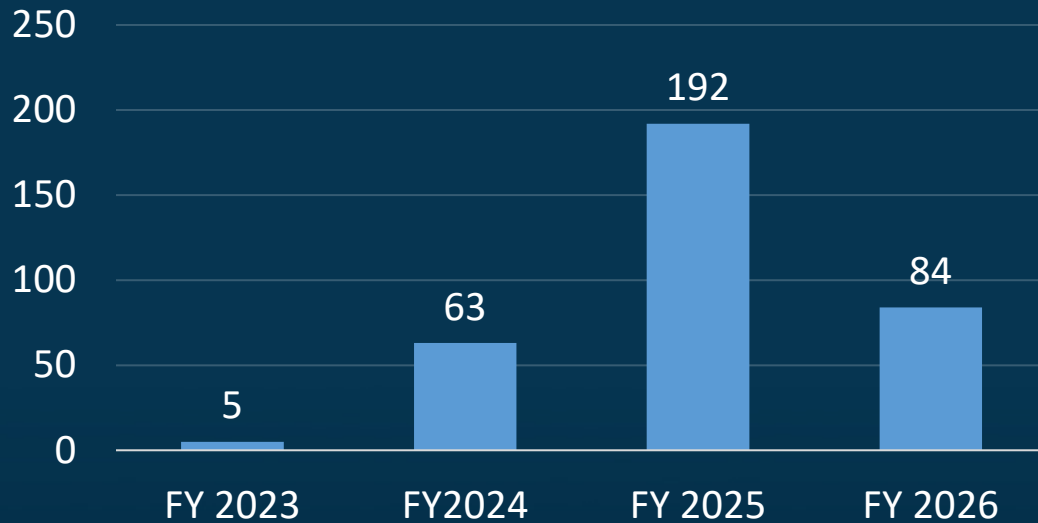
Staff conducted AMP Treatments throughout the month at the following locations. Treating Floating Heart, Water Lettuce, and Water Hyacinth

- 5/21 Pine Meadows
- 5/22 Helena Run
- 5/28 Lake Eustis
- 5/29 Lake Harris

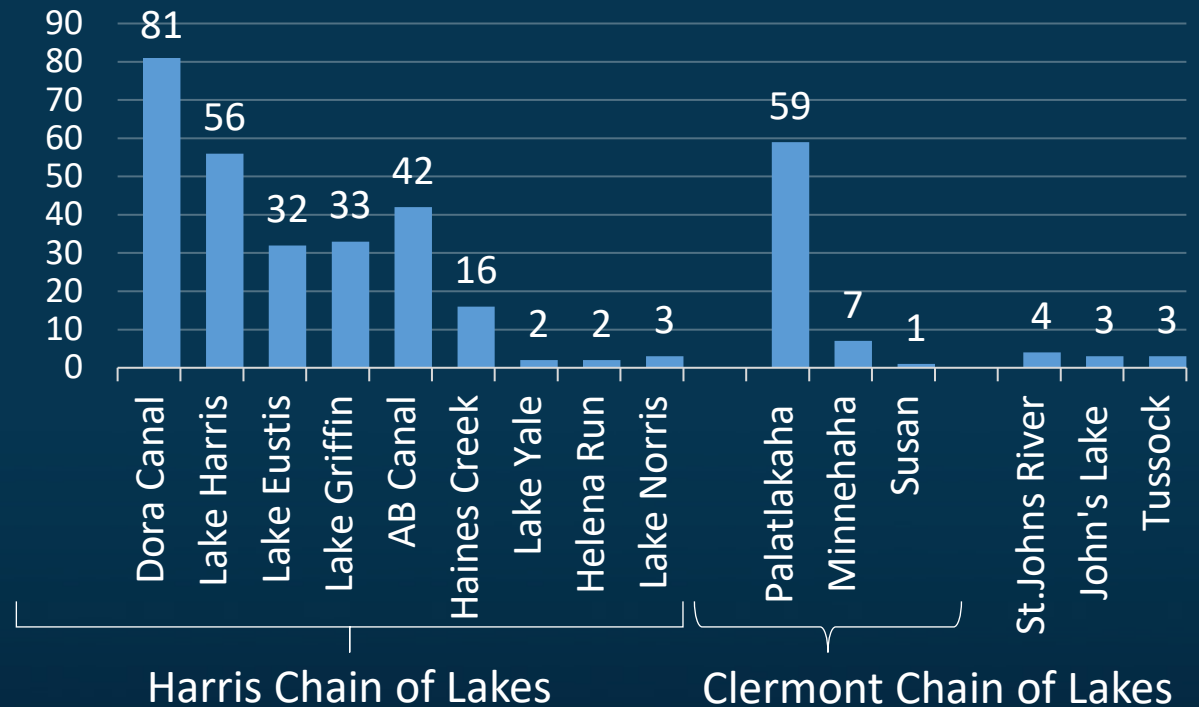
AQUATIC PLANT MANAGEMENT & WATERWAY MAINTENANCE

Navigational Impediments & Tree Removal

Tree Removal By Fiscal Year



Total Tree Removal By Waterway

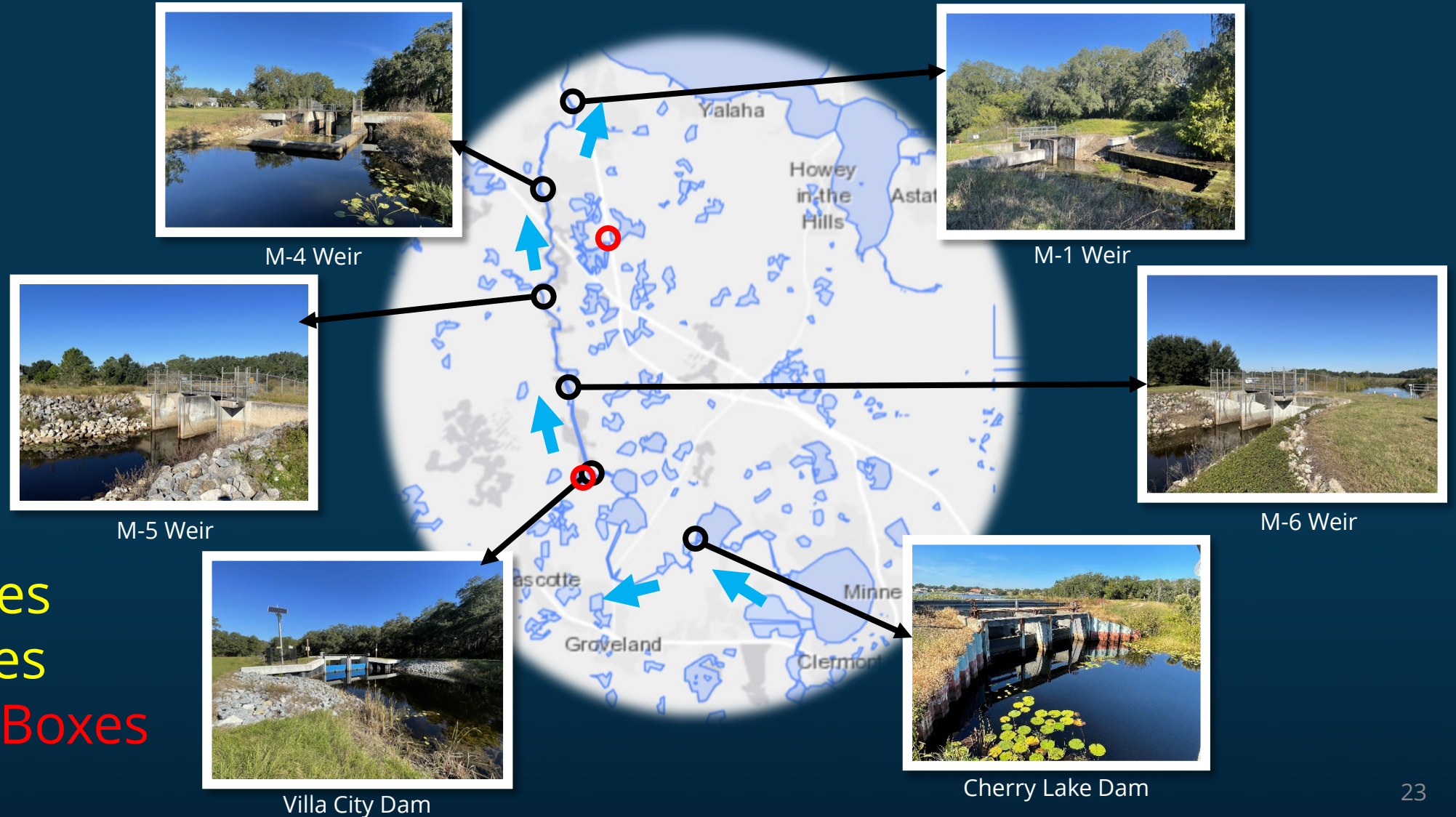




Lake County
WATER AUTHORITY

WATER CONTROL STRUCTURES & WATERWAY SAFETY

WATER CONTROL LOCATIONS



- 2 Dam Sites
- 4 Weir Sites
- 2 Control Boxes
- Flow ←

DAM & WEIR INSPECTION

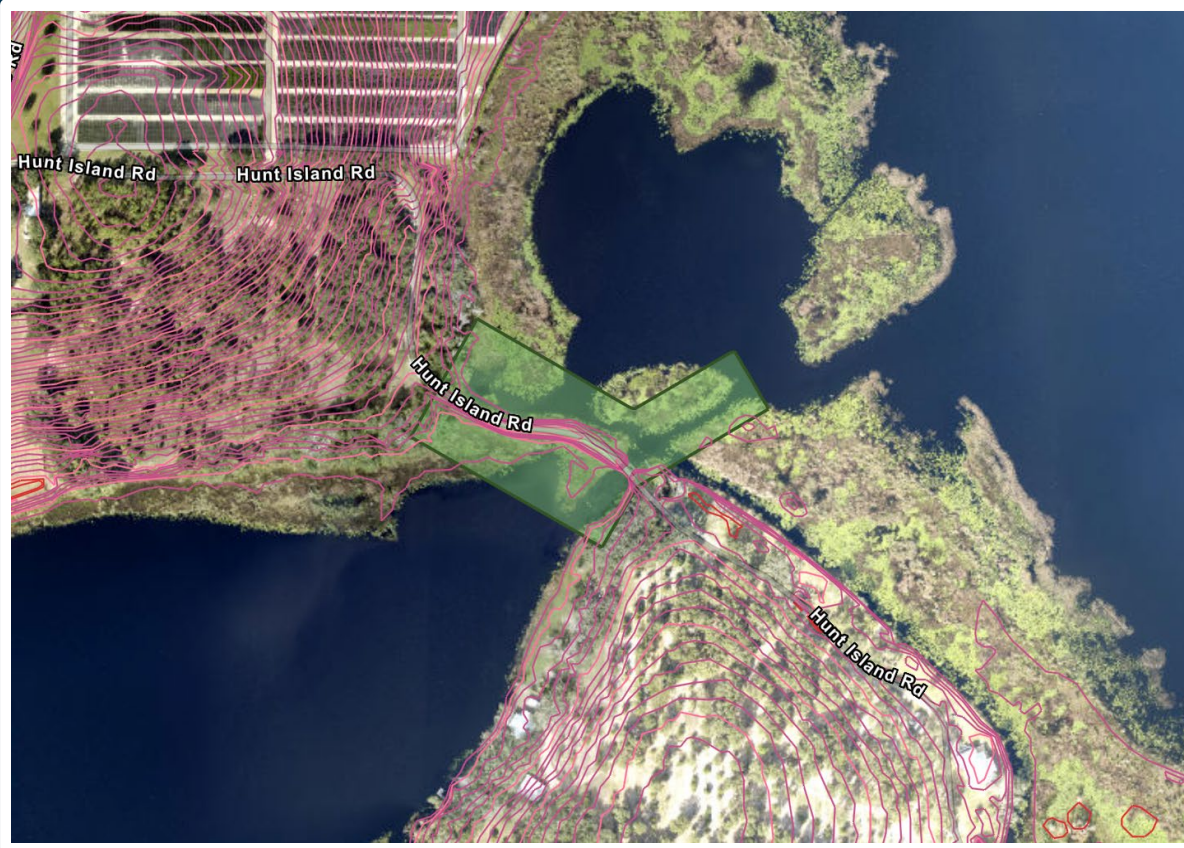
Cherry Lake Dam

Regulatory Vertical Datum
96.00 – 97.50

May Ending: 93.50'

Tasks Performed

- Below Water Site Inspection
- Water Data Collection & Monitoring
- Floating Debris/Obstruction Removal
- Vegetation Management
- Signs and Grounds Cleaning
- Site Resident Communications
- Continued USACE,
FEMA, and FDEP Emergency Action
Plan Creation and modeling



DAM & WEIR INSPECTION

Villa City Dam

Regulatory Vertical Datum

94.00 – 95.50

May Ending: **93.43'**

Tasks Performed

- Continued USACE, FEMA, FDEP Emergency Action Plan Creation and monitoring
- Data Collection & Monitoring
- Maintenance and Inspections
- Floating Debris/Obstruction Removal
- Vegetation Management
- Surveying and Acquisitions
- Adjustments



DAM & WEIR INSPECTION

M-6

Regulatory Vertical Datum

91.00 – 92.00

May Ending: **89.38'**

Tasks Performed

- Site Inspections
- Vegetation Management
- Grounds and Fence Maintenance
- Floating Debris/Obstruction Removal
- Water Data Collection & Monitor
- Continued USACE, FEMA,
and FDEP Emergency Action Plan Creation
and modeling



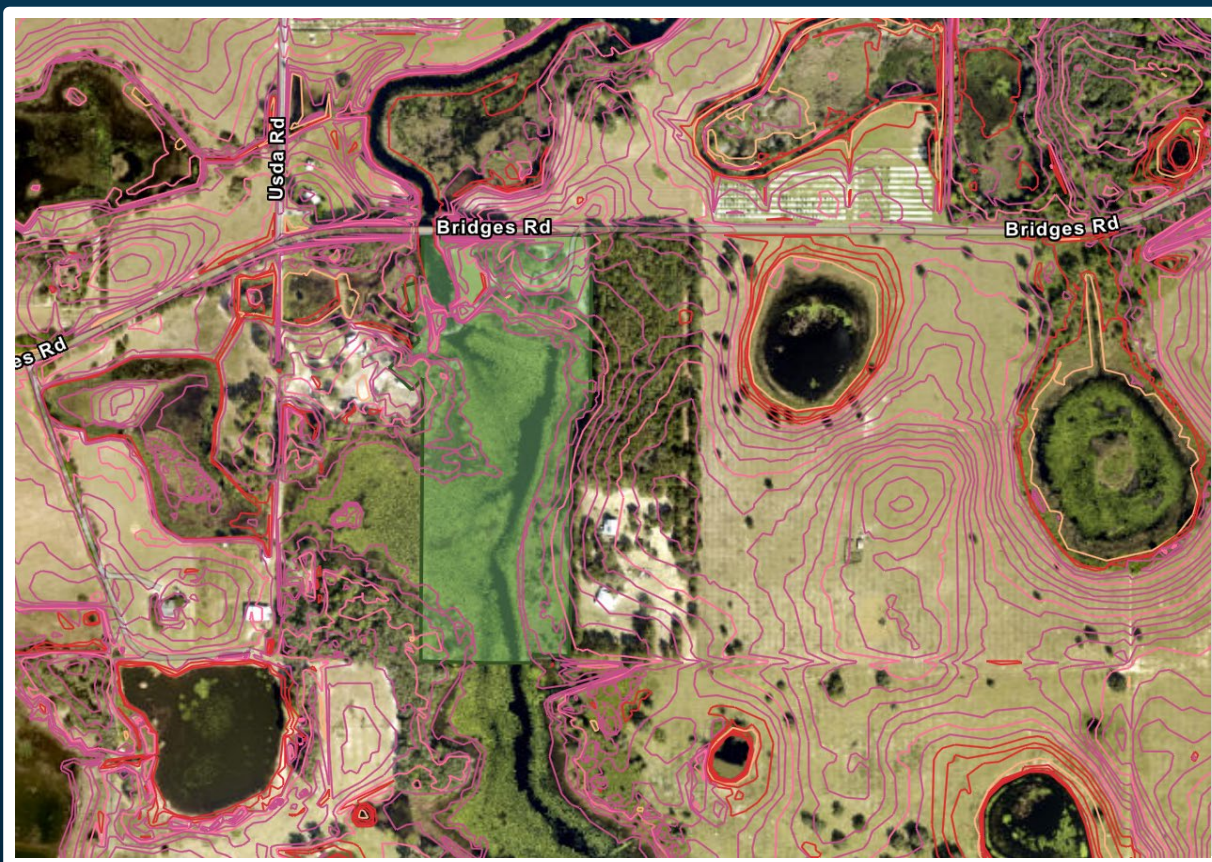
DAM & WEIR INSPECTION

M-5

Regulatory Vertical Datum

88.25 – 89.50

May Ending: **84.80'**



Tasks Performed

- Grounds Maintenance & Upkeep
- Mechanical Vegetation Management
- Chemical Vegetation Management
- Floating Debris/Obstruction Removal
- Water Data Collection & Monitoring
- Continued USACE, FEMA, FDEP Emergency Action Plan Creation and Modeling

DAM & WEIR INSPECTION

M-4

Regulatory Vertical Datum

83.75 – 85.00

May Ending: **80.88'**



Tasks Performed

- Site Inspections
- Vegetation Management
- Signs and Grounds Cleaning
- Floating Debris/Obstruction Removal
- Water Data Collection & Monitor
- Continued USACE, FEMA, FDEP Emergency Action Plan Creation and Modeling

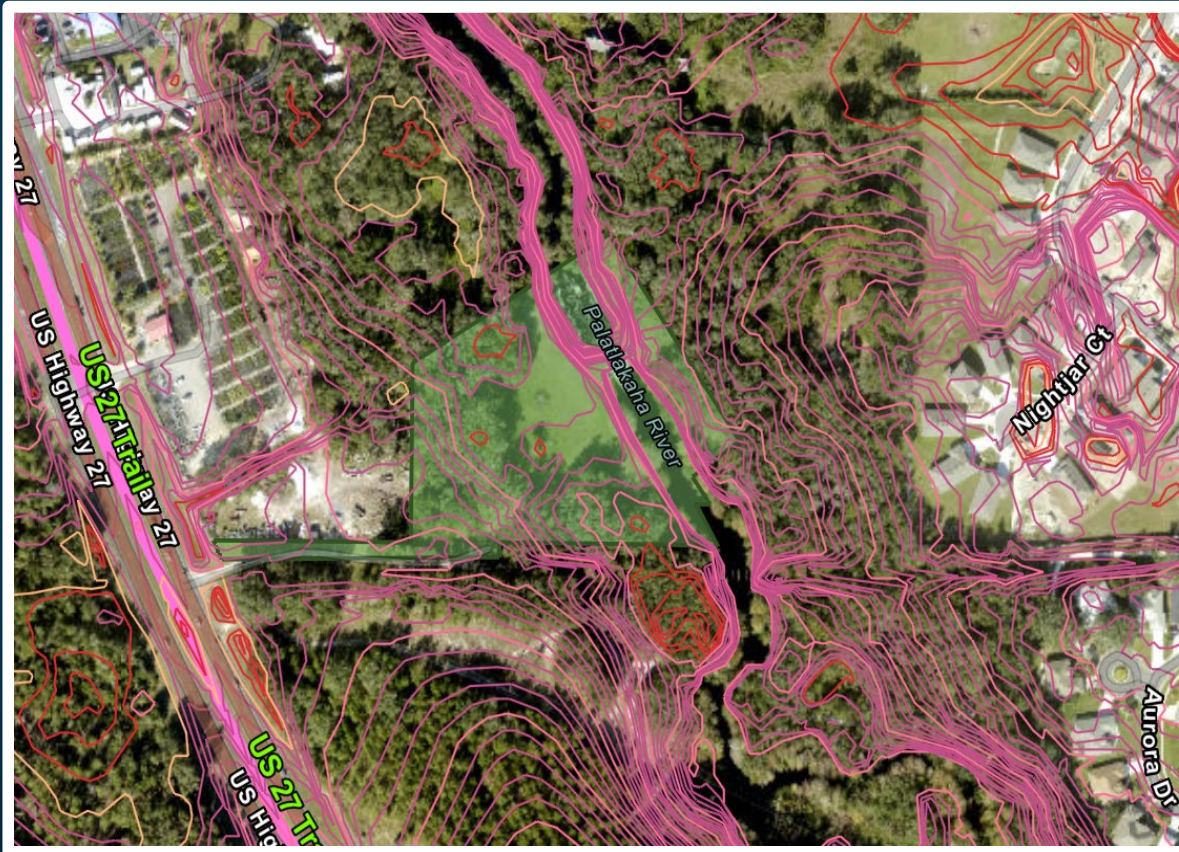
DAM & WEIR INSPECTION

M-1

Regulatory Vertical Datum

68.00 – 73.00

May Ending: 70.60'



Tasks Performed

- Continued USACE, FEMA, FDEP Emergency Action Plan Creation & Modeling, and funding assistance
- Grounds Maintenance
- Site Inspections
- FEMA Public Assistance – Permanent Repairs – Published formal RFQ
- Floating Debris/Obstruction Removal
- Water Data Collection & Monitoring

WATER CONTROL STRUCTURES & WATERWAY SAFETY

M-1 Water Control Structure Repairs

Staff continued monitoring contractor progress at the M1 water control structure in Leesburg as final permanent repairs advanced throughout the week.

The FEMA-funded improvements addresses significant washout areas and include the replacement of missing riprap resulting from Hurricane Milton damage. Upon completion, the structure will be fully restored and staff will begin the final FEMA reimbursement process.

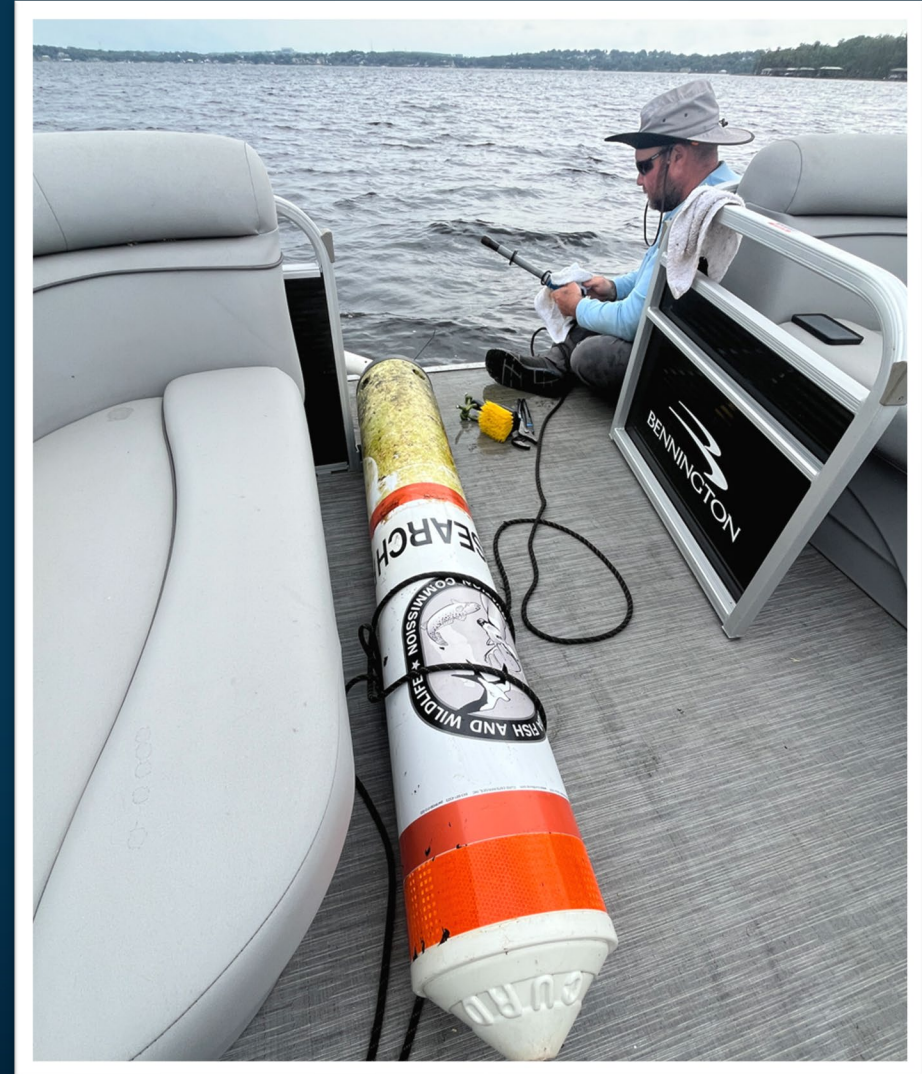


WATER CONTROL STRUCTURES & WATERWAY SAFETY

Clermont Chain Data Collection

In coordination with the Florida Fish and Wildlife Conservation Commission, staff cleaned and collected data from Sondes sensors located in Lake Minneola, Lake Minnehaha, and Lake Louisa as part of ongoing water quality monitoring efforts within the Clermont Chain of Lakes.

Staff continue to support long-term monitoring and data collection efforts in partnership with FWC, LCWA, SJRWMD, Lake Apopka, and the Harris Chain of Lakes.

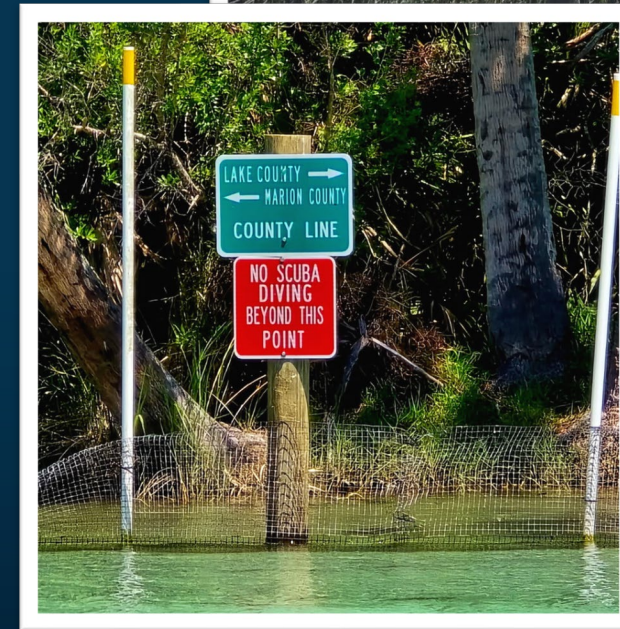


WATER CONTROL STRUCTURES & WATERWAY SAFETY

Silver Glen & Lake Dora Waterway Signage Installation

Staff worked to install new Florida Uniform Waterway Markers(FUWM) within the newly established Noise Sensitive Zones at Silver Glen Springs and Lake Dora's Sand Bar. Staff utilized the new barges pile driving capability to remove and install all existing poles and signage within the Spring Run at Lake George Silver Gen Springs and Lake Dora.

Staff was able to perform this installation through major collaboration with Marion County Parks and Recreation, US Forest Service, Florida Fish and Wildlife Conservation Commissions Law Enforcement and the Lake County Marine Patrol. Staff will return to Lake Dora's zone to install the remaining floating collar buoys, completing this project.



WATER CONTROL STRUCTURES

Water Control Structures Report

Water Control Structure Report –Average water level during May in Lake Minnehaha was 94.35 ft NGVD 1929, which is 0.30 ft less than the previous month. The May combined flow of Big and Little Creeks averaged 0.00 cfs into Lake Louisa. This flow rate is less than the evaporation rate of 70 cfs so the water level will decrease for the upper lakes of the chain. Both dams remain closed for the month of May. The lower pool between Cherry Lake and Villa City averaged 93.41 ft throughout May. Water levels as of June 1, 2026, and changes from the previous month are listed below. M-1 is within regulation. Minnehaha is 1.65ft below regulation. Cherry Lake is 2.5ft below regulation. Villa City is 0.57ft below regulation. M-6 is 1.62ft below regulation. M-5 is 3.45ft below regulation. M-4 is 2.89ft below regulation.

Location	Regulatory Range	Upper (ft)	Lower (ft)	Change (upper)
Minnehaha	96.00-97.50	94.35	N/A	-0.30
Cherry Lake	96.00-97.50	93.50	93.50	-0.77
Villa City	94.00-95.50	93.43	89.15	-0.11
M-6	91.00-92.00	89.38	86.94	+0.10
M-5	88.25-89.50	84.80	82.64	-0.14
M-4	83.75-85.00	80.88	77.84	-0.22
M-1	68.00-73.00	70.60	N/A	+0.16

Water levels outside of regulatory range are highlighted in Red.

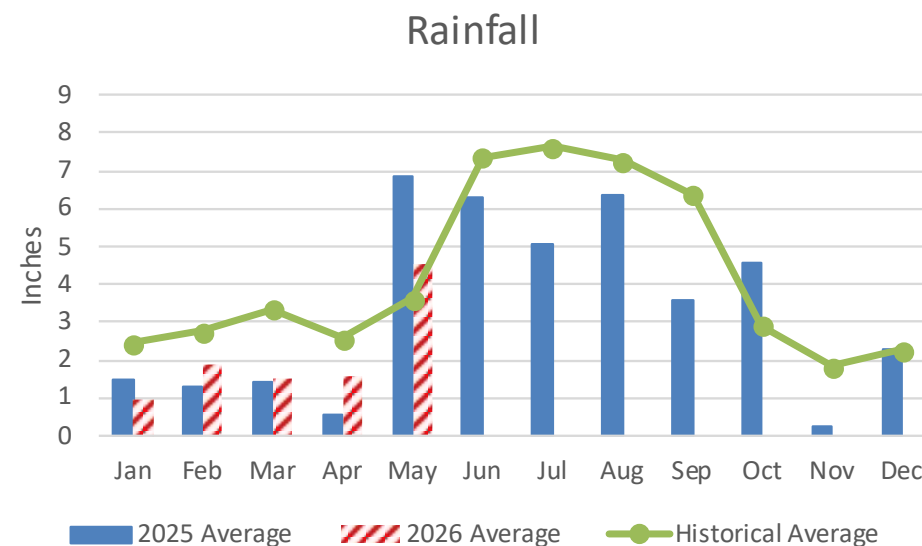
Peak/Current Palatlakaha River Flows and Levels

- Big and Little Creek Combined Flow = 0.00 cfs / 0.00 cfs
- Cherry Lake Dam Flow = 0.00 cfs / 0.00 cfs
- M-1 Flow = 1.01 cfs / 1.01 cfs
- Lake Minnehaha Water Level – 96.00-97.5; 94.65 / 94.37
- Lower Chain Water Level – 94.00-95.5; 93.58 / 93.46
- M-6 (near Indigo Rd) – 91.00-92.00; 89.47 / 89.39
- M-4 (Plantation) – 83.75-85.00; 81.08 / 80.88

Palatlakaha River Basin

A. Rainfall – Average rainfall (4.53 inches) for the western side of the county was 0.89 inches more than normal for May (3.64 inches). The average cumulative rainfall for the six stations over the last 12 months was 38.91 inches, which is 11.59 inches less than the historical cumulative average of 50.49 inches. This is 77% of the expected year-to-date rainfall. The 12-month rainfall for the two locations that are in the headwaters of the Clermont Chain (474 and Brown Shinn) was 38.20 inches – 12.30 inches *less than* average.

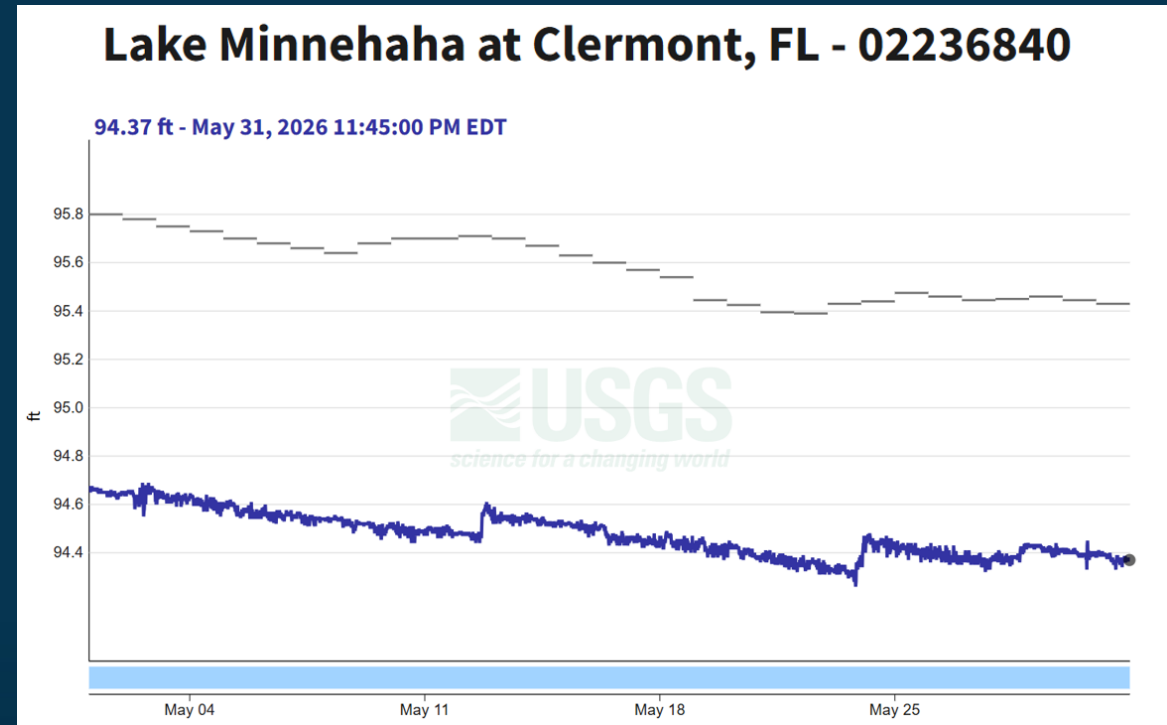
<u>Location</u>	<u>May (inches)</u>	<u>12 Month Running Total</u>	<u>12 Month Surplus/Deficit</u>
474	4.75	39.62	-10.87
Brown Shinn Road	4.74	36.77	-13.72
Villa City	6.19	37.14	-9.03
M-1	5.14	41.46	-10.87
Emeralda	5.98	45.18	-5.31
Tavares	0.39	33.26	-17.23



RAINFALL & USGS DATA

Lake Minnehaha Reporting

- The maximum desired water level is 97.5ft and the minimum desired water level is 96ft. On the final day of the month in May 2026 the water level was 94.37 ft.
- This means that at the end of the month the water levels were below regulation for Lake Minnehaha. The gates to the dams were closed on February 13th, 2025.





Lake County

WATER AUTHORITY

CONSERVATION & ACQUISITION
LAND MANAGEMENT ACTIVITIES

LAND MANAGEMENT ACTIVITIES

Stewardship



Restoration



Maintenance

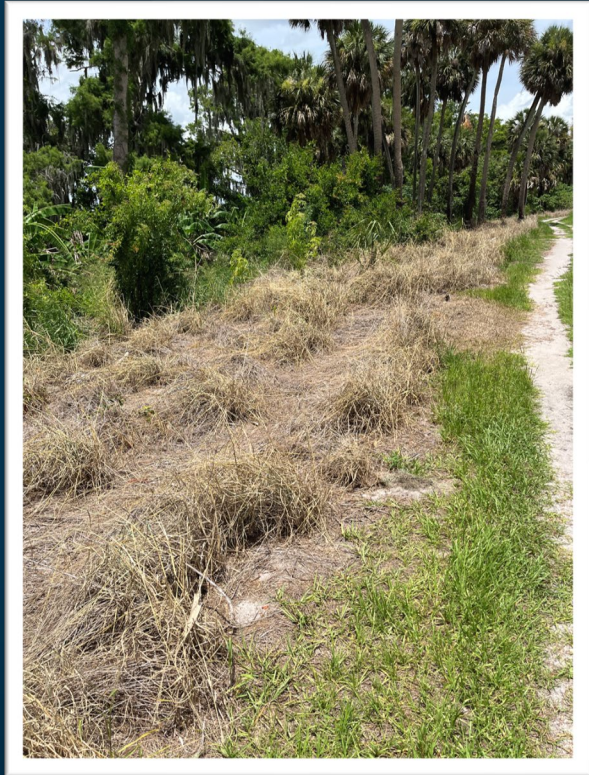


Amenities



Invasive Species Treatment (by Contractor):

- Crooked River
- Sabal Bluff
- Scrub Point



Total: 8.2 acres

STEWARDSHIP

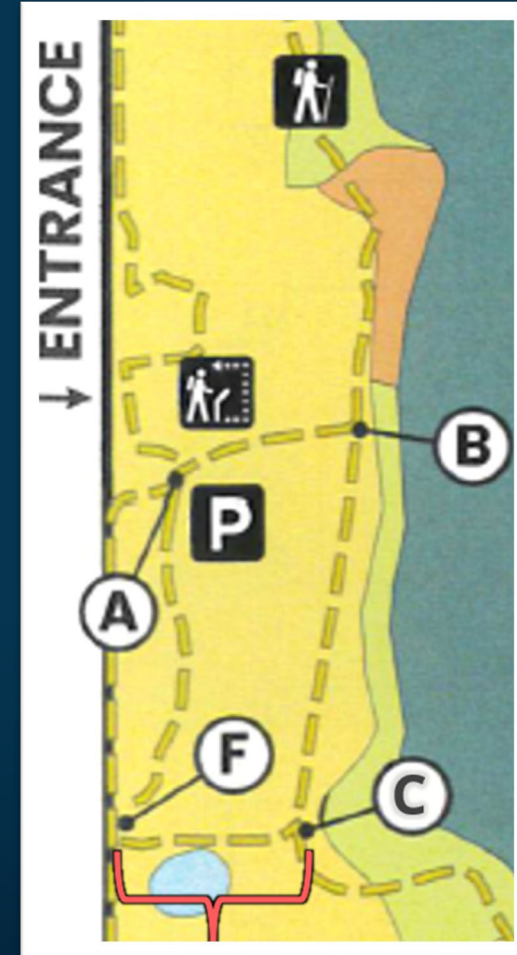
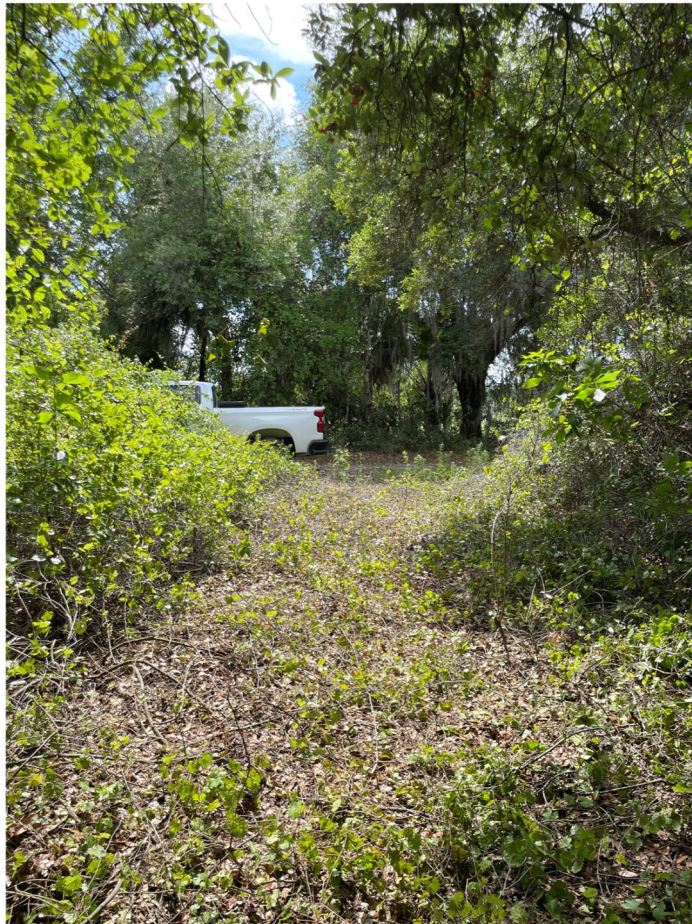
Invasive Species Treatments (by Staff):



- Bourlay Historic Nature Park
- Fern Prairie Preserve
- Flat Island Preserve
- Flowing Waters Preserve
- Helena Run Preserve
- Hidden Waters Preserve
- Lady Lake Preserve
- Pasture Reserve
- Tanner Preserve
- Wolf Branch Preserve

Total: 12.97 Acres

Sawgrass Island Preserve Trail Clearing



LAND MANAGEMENT TOTALS

Totals:

- Total Acres of Invasive Plants Treated: **21.17 ac.**
- Miles of Trails Maintained: **40.69 miles**
- Number of Trees Removed: **3 trees**
- Feet of Fence Repair: **120 ft**



Lake County
WATER AUTHORITY

COMMUNITY ENGAGEMENT

COMMUNITY ENGAGEMENT

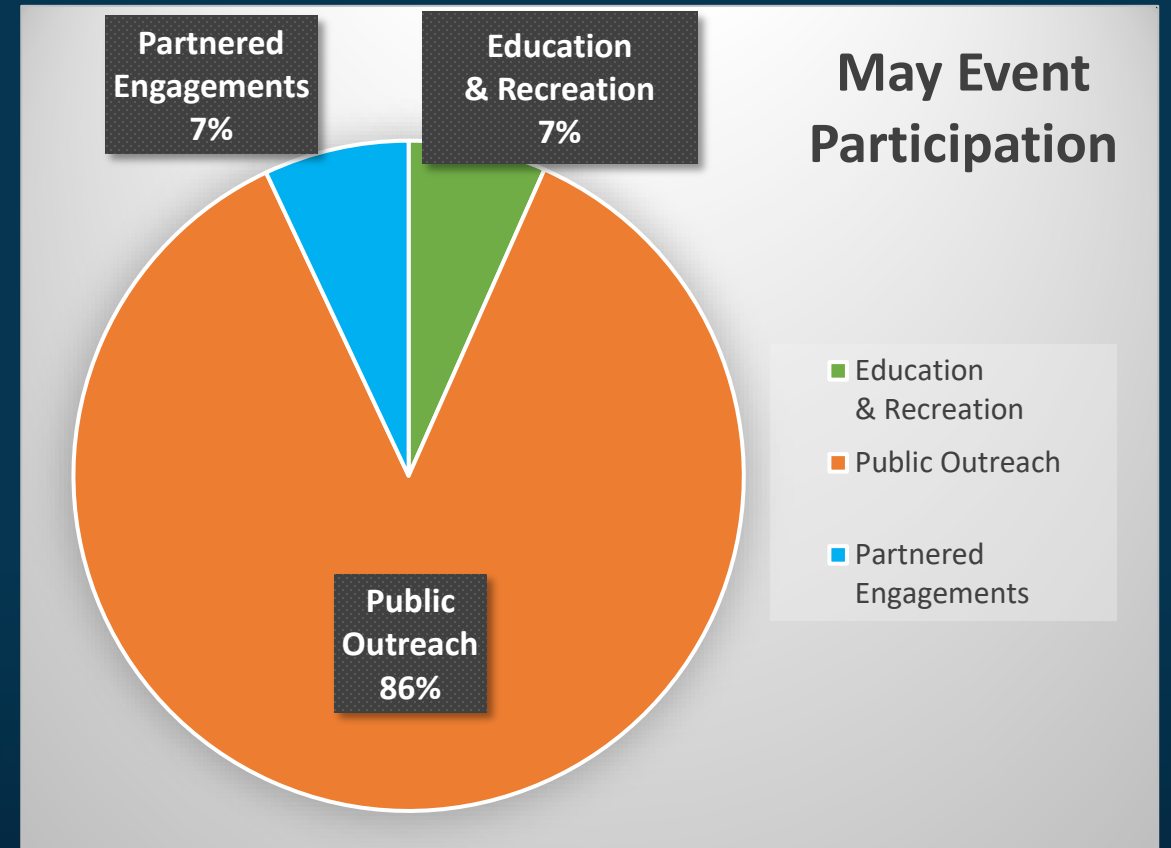
During the month of May, staff provided the following services through Education & Recreation, Partnered Engagements, and Public Outreach Programs

Event & Participant Summary:

Educational & Recreational	4 Events	19 Participants
Public Outreach	2 Events	247 Participants
Partnered Engagements	2 Events	19 Participants

Total Events: 8

Total Engagement: 285 participants



Calendar Events

During the month staff & educators hosted the following calendar events

Wetland Excursion, May 2, 2026

- Educational Hike at Pine Meadows Conservation Area

Watershed Wednesday, May 13, 2026

- Insert program title

Paddling Adventure, May 15, 2026

- Blue Creek Run

Stories of Water, May 22, 2026

- Educational Hike at Hidden Waters Preserve



Howey In The Hills Founders Day May 9, 2026

Staff participated in the Howey in the Hills Founder's Day community celebration at Griffin Park on May 9, engaging with 77 residents and visitors through an outreach and educational booth. Staff promoted Lake County parks, preserves, bike trails, recreational opportunities, and upcoming events while providing information on environmental stewardship and conservation initiatives throughout the county.

Staff also conducted outreach for the Healthy Shorelines program, sharing educational materials on shoreline restoration, native planting, and water quality protection practices for waterfront property owners. The event provided an opportunity to increase public awareness of local environmental resources, encourage community involvement in conservation efforts, and promote stewardship of Lake County's natural environments.



Hurricane Expo at Lake County Fairgrounds & Events Center May 16, 2026

Staff participated in the 2026 Lake County Hurricane Expo hosted by the Lake County Office of Emergency Management at the Lake County Fairgrounds in Eustis. The event provided residents with hurricane preparedness resources, emergency planning information, and opportunities to engage directly with county agencies and community partners prior to the start of hurricane season.

During the event, staff engaged approximately 170 residents through this outreach.

Featured Partnership: Lake County Emergency Management, Lake County Hurricane Expo

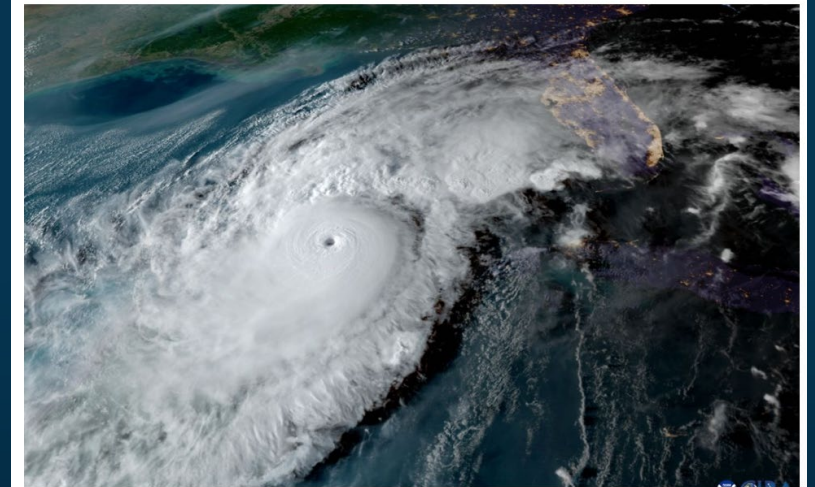
Featured on Lake Front TV

<https://www.youtube.com/watch?v=rdmbLTC7ILU>



Lake County to Host 2026 Hurricane Expo on May 16

Posted on 5.11.26 11:38 AM



Source: Saga Communications | No hurricane season is completely predictable, and it's always best for Floridians to be prepared. Courtesy NOAA

PARTNERED ENGAGEMENT

Flow & Learn : Turtle Talk Presentation May 14, 2026

Staff presented an educational program on the diversity, identification, behavior, and conservation of turtles found in Lake County to 14 attendees. Participants learned how to identify local turtle species and discussed threats to turtle populations and ways individuals can support conservation efforts.

Hands-on displays featuring turtle shells and educational materials encouraged engagement, generated thoughtful discussion, and promoted greater awareness of the importance of protecting Florida's native wildlife and habitats.



PARTNERED ENGAGEMENT

Flow & Learn : Mollusks of Florida Presentation at Leesburg Library May 21, 2026

Staff presented an educational program to highlighting the ecological importance of Florida's freshwater mollusks and their role in maintaining water quality and healthy aquatic ecosystems.

Participants learned about native mussels, snails, and clams, explored conservation challenges, and examined shells and preserved specimens during a hands-on activity. Educational materials were distributed to promote water resource protection, environmental stewardship, and community involvement in conservation efforts.





Lake County
WATER AUTHORITY

HICKORY POINT RECREATION COMPLEX - UPDATES

May Events at Hickory Point

Parks and Trails staff hosted many sporting events at Hickory Point Recreation Complex including Mt. Dora High School's volleyball games, CFU soccer games, and SOL soccer games.

Mt. Dora used 10 courts with 65 participants, and had approximately 100 attendees, CFU had 3 soccer games, and SOL had 1 game. It was a beautiful weekend to be outdoors.



HICKORY POINT

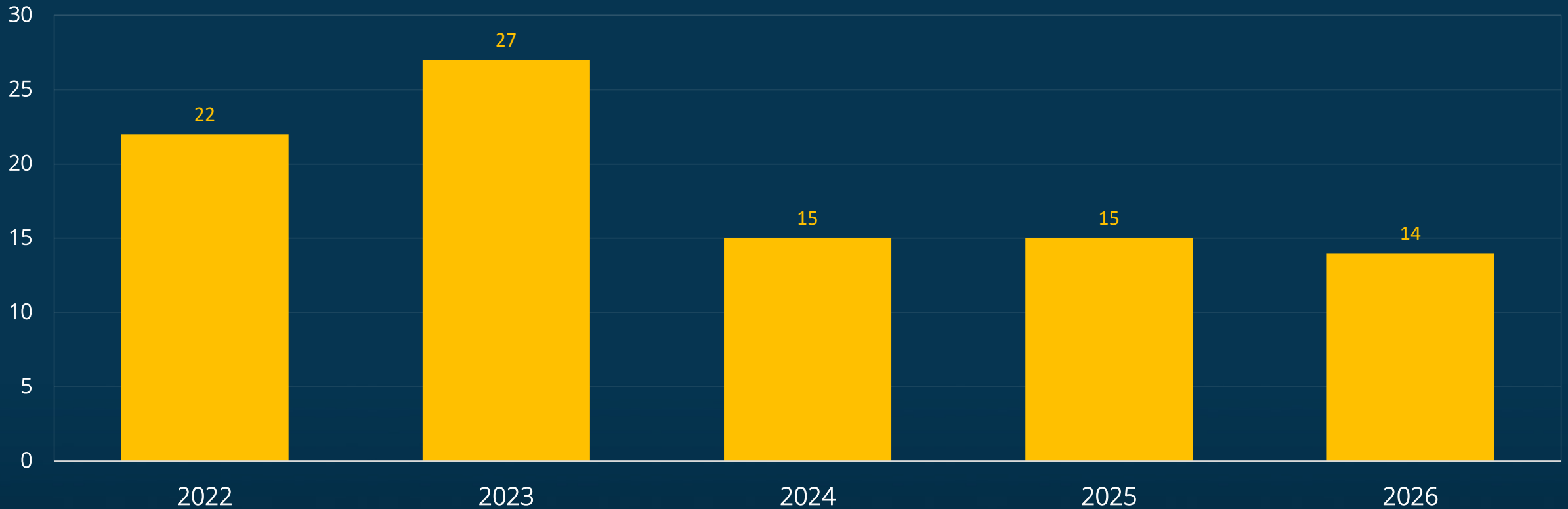
Walkway Repair at Hickory Point

Staff replaced several rotting floorboards at the Hickory Point Pavilion



HICKORY POINT FISHING TOURNAMENTS

Tournaments By Year



*Hickory Point Boat Ramps were under construction during 2024-2025, resulting in reduced annual tournaments



Lake County
WATER AUTHORITY

FINANCIAL REPORTING

Bank Balances

FY 2025-2026
LCWA Monthly Financial Report
Bank Account Balances as of May 31, 2026

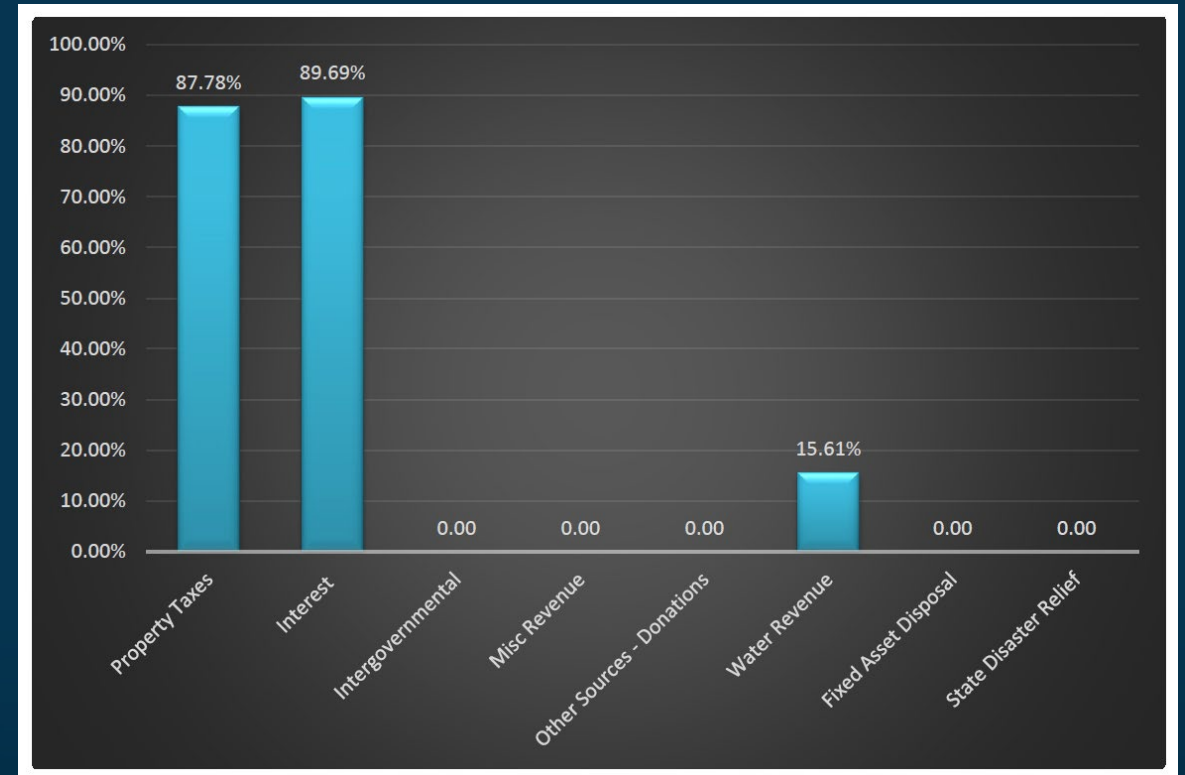
	Truist	BankUnited	Balance
Ending Balance as of 4/30/2026	\$ 7,534,466.14	\$15,627,853.75	\$ 23,162,319.89
Deposits	\$ 430.75	\$ -	\$ 430.75
Net Interest	\$ 8,887.77	\$43,800.78	\$ 52,688.55
Withdrawals	\$ (496,433.41)	\$0.00	\$ (496,433.41)
Ending Balance as of 05/31/26	\$ 7,047,351.25	\$ 15,671,654.53	\$ 22,719,005.78

FINANCIAL REPORTING

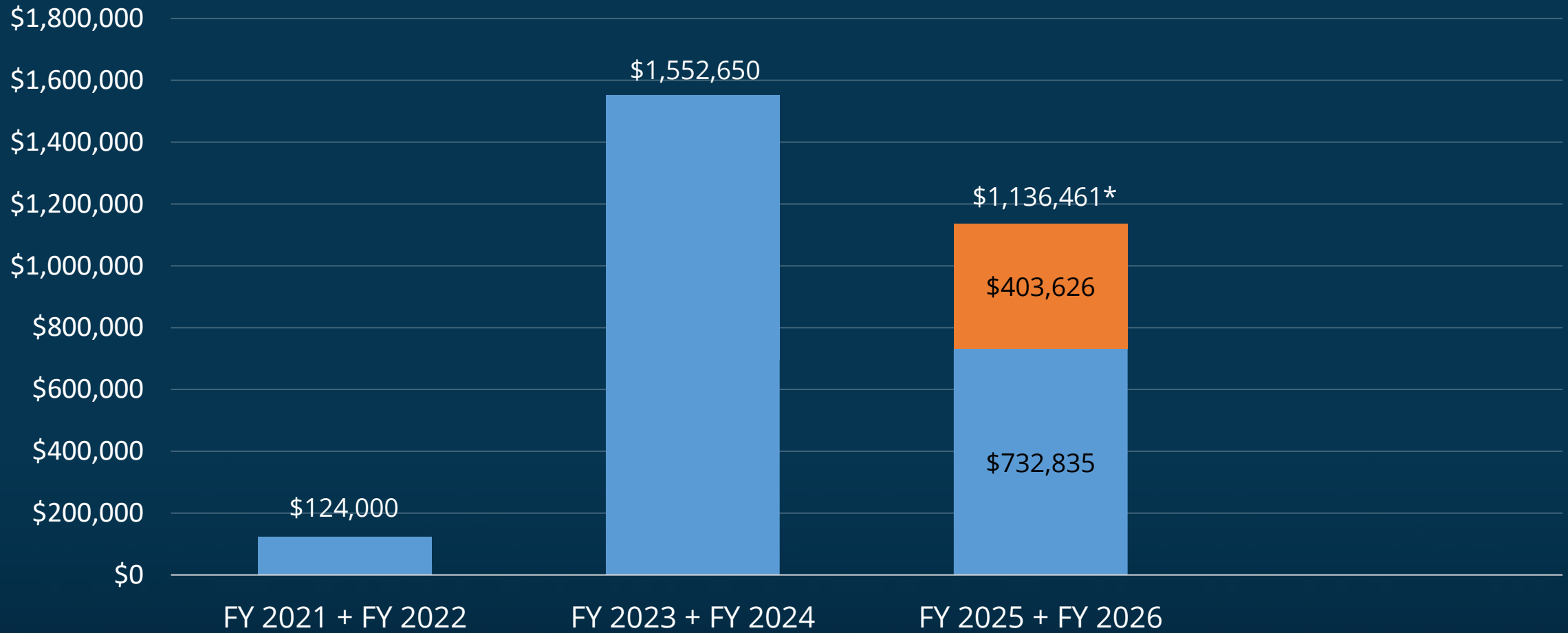
Revenue Balances

FY 2025-2026
LCWA Monthly Financial Report
Revenue Balances as of May 31, 2026

Fund	Adopted Budget (Revenue)	Year to Date Actual	Percentage
Property Taxes	\$ 13,197,495	\$ 11,584,618	87.78%
Interest	\$ 450,000	\$ 403,626	89.69%
Intergovernmental	\$ 669,143	\$ -	0.00%
Misc Revenue	\$ -	\$ 91	0.00%
Other Sources - Donations	\$ -	\$ 42,500	0.00%
Water Revenue	\$ 275,000	\$ 42,941	15.61%
Fixed Asset Disposal	\$ -	\$ -	0.00%
State Disaster Relief	\$ -	\$ -	0.00%
TOTAL:	\$14,591,638	\$12,073,775	82.74%



LAKE COUNTY WATER AUTHORITY INTEREST EARNED



*FY 2026 as of 5/31/26

Note: Orange color for FY 2026



Lake County
WATER AUTHORITY

THANK YOU



**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

27351 SR 19 • Tavares, Florida 32778-4251 • (352) 324-6141 • Fax (352) 324-6364 • email: info@lcwa.org • www.lcwa.org

TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Marcia Bush, Associate Director, Water Resources

DATE: June 12, 2026

RE: Approve Woodard & Curran Updated Year Four Operating Budget

Consent Agenda – Tab 3

Approve Woodard & Curran Updated Year Four Operating Budget

Scott Ruland, Project Manager with Woodard & Curran and staff have worked collaboratively to prepare the updated Year Four Operating Budget. The updated year four operating budget includes the cost to remove approximately 8,593 cubic yards of excess sludge and perform related work at the site. All work is scheduled to be completed before end of FY2026 or September 30, 2026.

Year 4 – Current Approved FY2026 Operating Budget	\$1,384,706.72
Year 4 – FY2026 Updated Operating Budget	\$1,557,506.72

Executive Director’s Recommendation:

1. Approve the updated FY2026 year four operating budget for the Woodard & Curran O & M Contract as submitted & attached for an amount not to exceed \$1,557,506.72

BOARD OF TRUSTEES

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District 2

Birdie Zenishek
District 3

Butch Hendrick
District 4

Jonathan Germeroth
District 5

Details Revenue	Category	Year 4 Budget \$	YTD Expenses	Percent Used of Total Budget	Comments
7011 DIRECT ONSITE	Labor	376,313.00	170,692.00	45%	
7011 DIRECT ONSITE OT	Labor	5,250.00	143.00	3%	
7021 TECHNICAL SUPPORT	Labor	25,000.00	5,516.00	0%	
7021 TECHNICAL SUPPORT Engineering	Labor				
8001 PLANT PERFORMANCE BONUS	Labor	21,100.00	15,871.00	75%	
8003 PAGER PAY	Labor				
8003 PAGER PAY OT	Labor				
Overhead	Labor	406,279.85	167,533.45	41%	
	Labor Total	833,942.85	343,884.45	41%	
5204.01 Power - C/O	Utilities	66,667.00	6,629.00	10%	
5204.03 Fuel Oil - C/O	Utilities				
5204.04 Telemetering & Fax - C/O (Plant Phone a	Utilities	-	680.00		
5204.05 Telephone & Internet Service - C/O Cell f	Utilities	9,000.00	4,722.00	52%	
	Utilities Total	75,667.00	12,031.00	16%	
5204.47 Hauling Cost	Sludge	160,000.00			
5204.48 Tipping Fees	Sludge				
5204.49 Container Fees	Sludge	-			
5204.50 Miscellaneous	Sludge	-			
	Sludge Total	160,000.00	-		
5204.14 Disinfection/Chlorination - C/O	Chemicals	-			
5204.18 Polymer - C/O	Chemicals	-			
5204.23 Odor Control Chemicals - C/O	Chemicals	-			
5204.25 Dechlorination Chemicals- C/O	Chemicals	-			
5204.26 Miscellaneous - Polymer	Chemicals	-			
	Chemicals Total	-	-	-	
5204.27 Misc Maintenance - C/O HVAC	Repairs & Maintenance		-		
5204.29 Buildings & Ground Maint - C/O	Repairs & Maintenance	2,500.00	14,166.00	567%	#57 stone for ingress/egress maintenance
5204.30 Electrical Maintenance - C/O	Repairs & Maintenance				
5204.31 Misc. Maintenance - C/O	Repairs & Maintenance	-			
5204.32 Equipment Rental Maint. - C/O	Repairs & Maintenance		26,415.00		Bobcat/skid steer repairs
5204.34 Hand Tools Maintenance - C/O	Repairs & Maintenance	1,200.00		0%	
5204.35 Dredge Motor & Pump Replacement Part	Repairs & Maintenance	64,877.00	58,607.00	90%	Spare dredge pump (2nd payment)
5204.36 Instrumentation Maint. - C/O	Repairs & Maintenance	2,500.00	-	0%	
5204.37 Centrifuge Replacement Parts	Repairs & Maintenance	166,449.00	-	0%	2nd payment on new Centrifuge Scroll.
5204.39 Lubricants - C/O	Repairs & Maintenance	2,500.00	-	0%	
5204.40 Mechanical Maintenance - C/O	Repairs & Maintenance	45,000.00	211,459.00	470%	2nd payment on new Centrifuge Scroll was posted under 5204.40 w/ W&C
5204.42 Heavy Equipment Maint.	Repairs & Maintenance	-			
5204.43 Vehicle Repairs - C/O	Repairs & Maintenance	3,500.00	178.00	5%	
5304.01 Sub: Buildings & Grounds - Lagoon Maint.	Repairs & Maintenance	-			
5304.04 Sub: Instrumentation - C/O	Repairs & Maintenance	10,000.00		0%	
5304.05 Sub:Mechanical- C/O	Repairs & Maintenance	-	-		
5304.06 Sub - Mechanical - C/O	Repairs & Maintenance		15,134.00		Maintenance on both dredges, they have been pulled (one is complete, refurbish with new cables, sanding, paint, second dredge is almost complete)
	Repairs & Maintenance Total	298,526.00	325,959.00	109%	

5204.51 Lab Apparatus - C/O	Lab Supplies & Equipment	2,500.00	348.39	14%	
5204.52 Lab Chemicals - C/O	Lab Supplies & Equipment	10,000.00	13,079.00	131%	HACH Analyzer annual cost for Maintenance paid in one installment
5204.53 Lab Supplies - C/O	Lab Supplies & Equipment	1,000.00	(1,101.00)	-110%	HACH credit back for missed site visit in first year of maintenance agreement
5204.55 Outside Lab Services - C/O	Lab Supplies & Equipment	7,000.00	3,964.00	57%	
	Lab Supplies & Equipment Total	20,500.00	16,290.39	79%	
5204.56 Office Supplies - C/O	Office Supplies & Equipment	2,000.00	859.00	43%	
5204.57 Computer Supplies - C/O	Office Supplies & Equipment				
5204.58 Postage - C/O	Office Supplies & Equipment	500.00	-	-	
5204.59 Other Office Costs - C/O	Office Supplies & Equipment	200.00	18.00	9%	
	Office Supplies & Equipment Total	2,700.00	877.00	32%	
5200.03 Meals	Safety, Training & Misc. Exp		16.15		
5204.61 Dues & Subscriptions - C/O	Safety, Training & Misc. Exp	500.00	2,442.00	488%	
5204.62 Health & Safety - C/O	Safety, Training & Misc. Exp	3,000.00	1,936.00	65%	
5204.68 Training & Certification - C/O	Safety, Training & Misc. Exp	2,000.00	-	0%	
5204.69 Travel Plant - C/O	Safety, Training & Misc. Exp	3,000.00	627.00	21%	
5204.70 Travel Technical Support - C/O	Safety, Training & Misc. Exp	10,000.00	-	0%	
5204.71 Other Misc Expenses - C/O	Safety, Training & Misc. Exp	-	86.00		Dredge Radio Connectors -
5204.72 Vehicle Payments-Amortization/Purch C/O	Safety, Training & Misc. Exp	8,000.00	5,231.00	65%	
5204.74 Car Insurance - C/O	Safety, Training & Misc. Exp	1,800.00	1,110.00	62%	
	Safety, Training & Misc. Exp Total	28,300.00	11,448.15	40%	
5200.00 OPC Expense			-		
5204.77 Diesel Fuel - C/O (Propane)	Other Operating Expenses	10,000.00	5,566.00	56%	
5204.78 Gasoline - C/O	Other Operating Expenses	5,000.00	2,255.00	45%	
5204.79 Technology - Software	Other Operating Expenses	5,000.00	6,403.00	128%	
5204.80 Security	Other Operating Expenses				
5204.81 Uniform Services - C/O	Other Operating Expenses	2,500.00	-	0%	
5204.84 Trash Disposal	Other Operating Expenses	-			
	Other Operating Expenses Total	22,500.00	14,224.00	63%	
	Total	1,442,135.85	740,584.99	51%	
	8% Fee	115,370.87	59,246.80		
	Total w/ Fee	1,557,506.72	799,831.79		



**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

27351 SR 19 • Tavares, Florida 32778-4251 • (352) 324-6141 • Fax (352) 324-6364 • email: info@lcwa.org • www.lcwa.org

TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Jimmy Crawford, Legal Counsel

DATE: June 12, 2026

RE: Request for remote participation due to extraordinary circumstances

Consent Agenda – Tab 4

Remote Participation Request

Due to extraordinary circumstances, Vice-Chair Trustee Zenishek is unable to attend in person the July 22, 2026, Lake County Water Authority regular meeting. Remote or electronic participation is permissible so long as a quorum is physically present in the Board Chambers on the meeting date, and the Board of Trustees agrees by majority vote.

Executive Director’s Recommendation:

1. Approve Trustee Zenishek to participate and vote using an electronic platform on items included on the July 22, 2026, agenda due to conflict in schedule.

BOARD OF TRUSTEES

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District 1

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District 2

Birdie Zenishek
District 3

Butch Hendrick
District 4

Jonathan Germeroth
District 5



TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Chuck Groves, Associate Director

DATE: June 12, 2026

RE: Approve Funding Request and Budget Transfer Authorization for the Purchase of an Aquatic Harvester

Consent Agenda – Tab 5

Approval of Funding Request and Budget Transfer Authorization for the Purchase of an Aquatic Harvester

Staff are requesting approval and authorization of a funding request and budget transfer to purchase aquatic harvesting equipment to support the Lake County Water Authority's aquatic plant management and waterway maintenance operations.

The proposed equipment will be utilized to assist with the removal and management of aquatic vegetation and improve navigability within Lake County waterways and enhance the Authority's ability to respond to maintenance needs in a timely and efficient manner.

Staff researched available equipment options and have identified a projected acquisition cost of approximately \$125,000. Staff are requesting authorization to proceed with the purchase through the appropriate procurement process for an amount not to exceed \$125,000.

Account Transfer Details:

Total Amount	From Account #	To Account #
\$125,000.00	9800.9898710.830310	9800.9898710.860640

Executive Director's Recommendation:

1. Approve budget transfer in the amount of \$125,000 from account 9800.9898710.830310 to account 9800.9898710.860640.
2. Authorize the staff to purchase an aquatic harvester for an amount not to exceed \$125,000. The fiscal impact is estimated \$125,000 (expenditure – one time) and is within, and will not exceed, the Fiscal Year 2026 budget.

BOARD OF TRUSTEES

Sample Photos of Aquatic Harvester :





Lake County WATER AUTHORITY

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TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Justin Elkins, Water Resources Operations Director

DATE: June 12, 2026

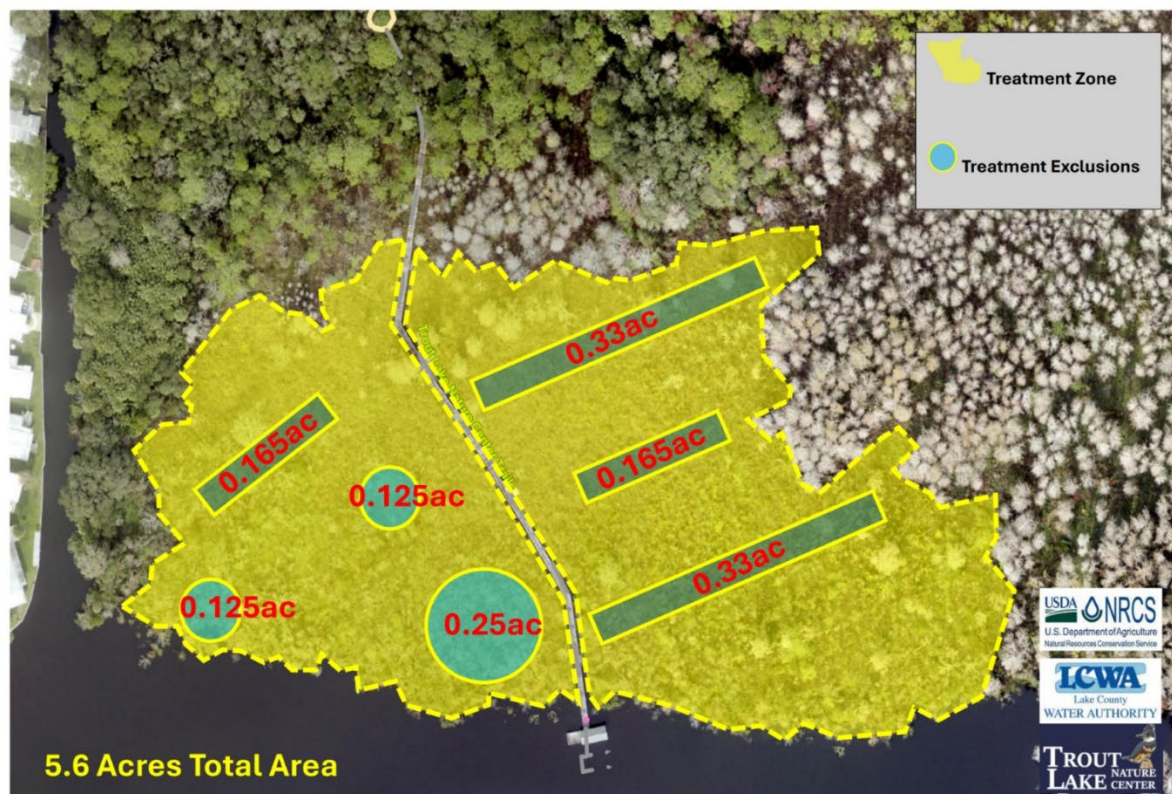
RE: Approve Funding Request for Trout Lake Nature Center Restoration Project

Consent Agenda – Tab 6

Approval of Funding Request for Trout Lake Nature Center Restoration Project

Since October of 2025, staff have collaborated with Trout Lake Nature Center to develop a restoration strategy for wetlands located adjacent to Trout Lake, which is part of the Harris Chain of Lakes system.

TLNC – Marsh Restoration Mechanical Plan



BOARD OF TRUSTEES

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District 2

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District 3

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District 4

Jonathan Germeroth
District 5

Over time, changes in hydrology and extended fluctuations in hydroperiods have contributed to the encroachment and expansion of dense herbaceous vegetation within portions of the wetland system. This overgrowth has reduced ecological function, limited habitat diversity, and diminished the wetland's ability to provide important environmental benefits, including water quality improvement and wildlife habitat.

Historically, periodic natural and prescribed fire helped maintain these wetland communities and prevent excessive vegetation growth. However, increasing population and urbanization surrounding the areas have made the use of prescribed fire more challenging, requiring alternative management approaches to restore and maintain ecosystem health.

To address these conditions, staff worked with Trout Lake Nature Center and the City of Eustis to develop a restoration and land management plan that utilizes targeted mechanical and selective vegetation management techniques to reduce overgrowth, improve habitat conditions, and restore critical wetland functions. Implementation of this project will support long-term ecosystem resilience while enhancing the environmental value of this important natural resource.

Executive Director's Recommendation:

1. Approval of a one-time funding request not to exceed \$45,000 (expenditure – one time) to support implementation of the Trout Lake Nature Center Restoration Project. The fiscal impact is \$45,000 (expenditure – one time) and is within, and will not exceed, the Fiscal Year 2026 budget.



Lake County WATER AUTHORITY

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

27351 SR 19 • Tavares, Florida 32778-4251 • (352) 324-6141 • Fax (352) 324-6364 • email: info@lcwa.org • www.lcwa.org

TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Sean Beaudet, Grants Program Manager

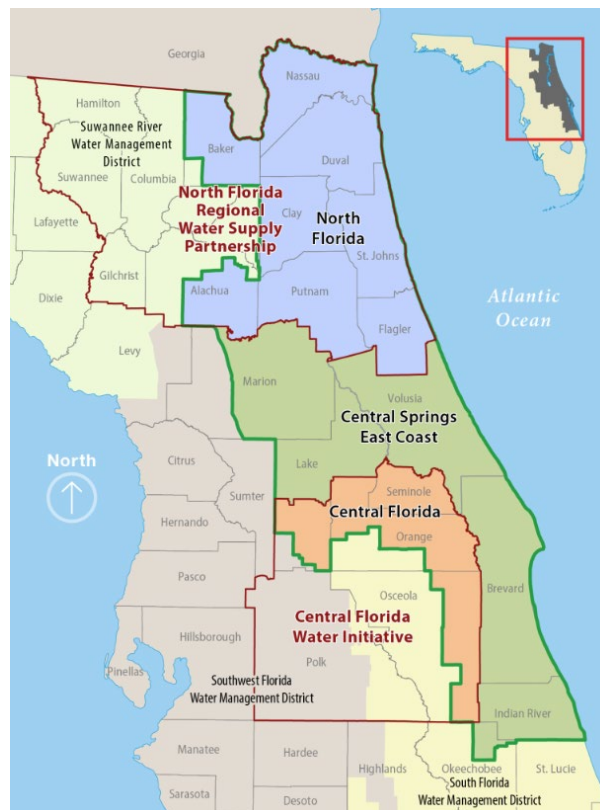
DATE: June 12, 2026

RE: Presentation by the St. Johns Water Management District on Water Supply Planning in the Central Springs/East Coast and Central Florida Water Initiative Planning Regions

Regular Agenda – Tab 7

Water Supply Planning in the Central Springs/East Coast and Central Florida Water Initiative Planning Regions

The St. Johns River Water Management District (SJRWMD) has four core missions – Water Quality, Water Supply, Flood Protection, and Natural Systems. For water supply, the district is divided into three planning areas as shown in the map.



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The District prepares water supply plans for each of these planning areas in accordance with Chapter 373, Florida Statutes and the plans identify water supply needs on a 20-year planning horizon. The last Central Springs/East Coast Regional Water Supply Plan (CSES RWSP) was approved in 2022, and District staff are currently working on the 5-year update, which is for the 2050 planning horizon. The Central Florida Water Initiative Regional Water Supply Plan was updated in 2025. Public outreach is an important component of the plan development and District staff has graciously agreed to provide a presentation to the Board of Trustees.

A copy of the 2022 Central Springs/East Coast plan can be found here:
https://aws.sjrwmd.com/SJRWMD/plans/csec/CSEC_RWSP_02_07_22.pdf.

A copy of the 2025 Central Florida Water Initiative Water Supply Plan can be found here:
<https://cfwiwater.com/RWSP.html>.

Executive Director's Recommendation:

No action required. For informational purposes only.

Water Supply Planning in the Central Springs/East Coast and Central Florida Water Initiative Planning Regions

Joy Kokjohn, Regional Water Supply Planning Coordinator

Callie Register, P.E., Regional Water Supply Planning Coordinator

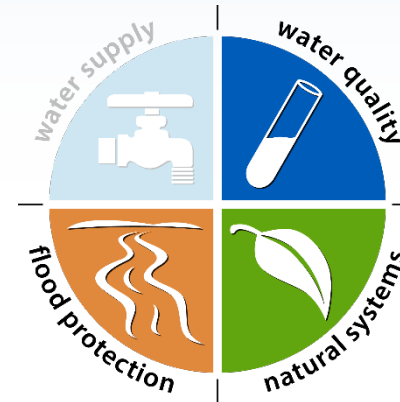
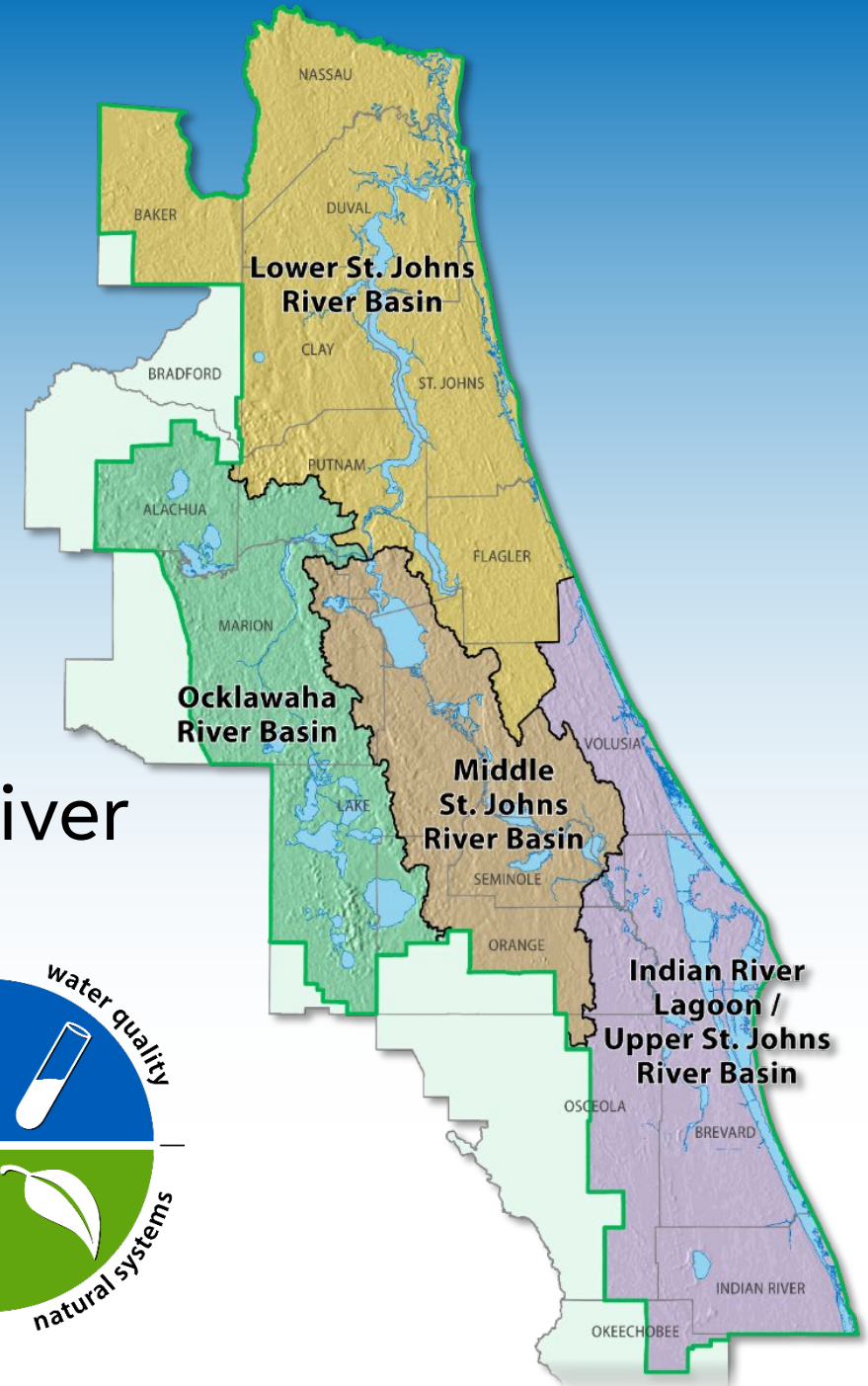
Bureau of Water Supply Planning



St. Johns River
Water Management District

SJRWMD Strategic Basins

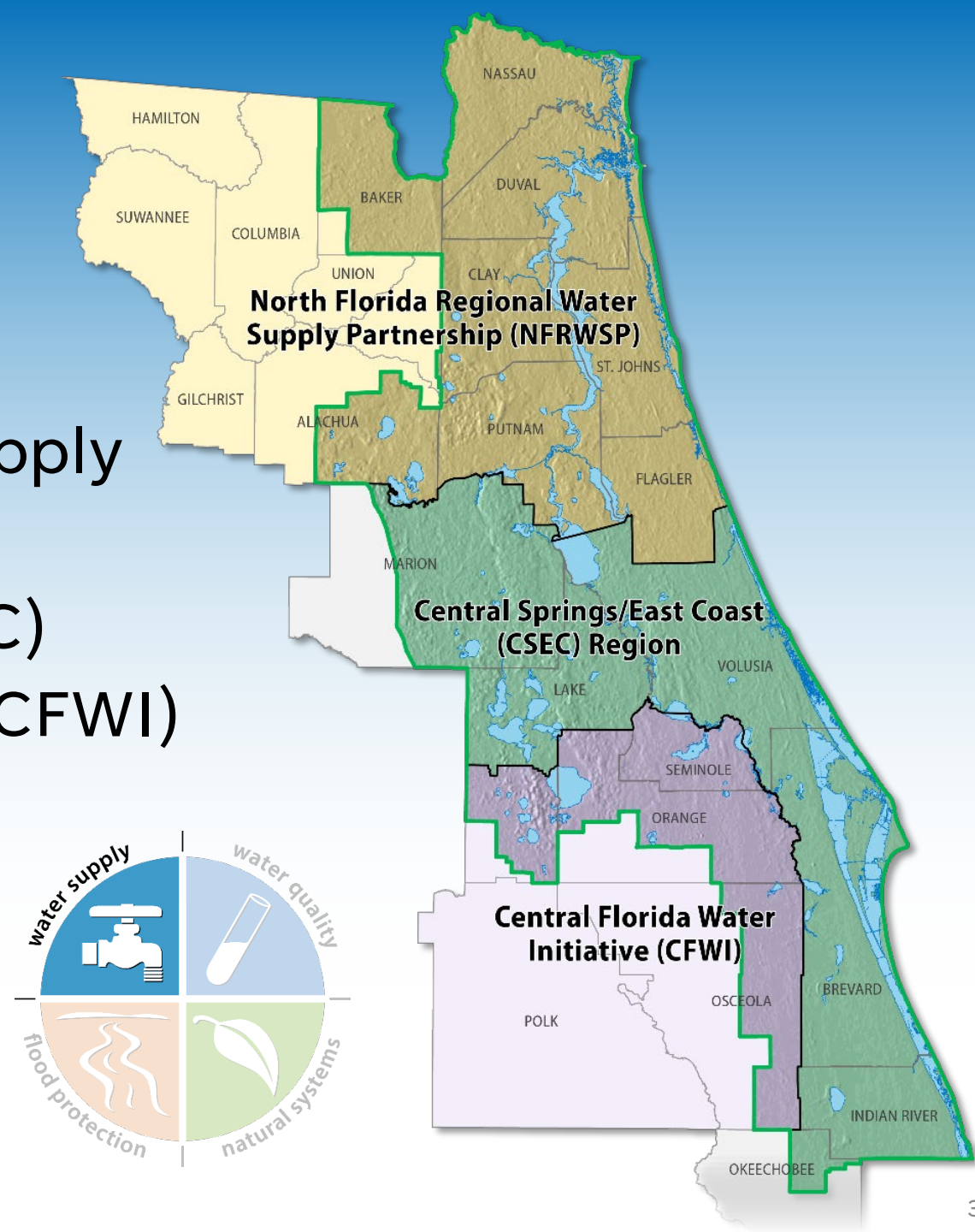
- Lower St. Johns River
- Ocklawaha River
- Middle St. Johns River
- Indian River Lagoon/Upper St. Johns River



St. Johns River
Water Management District

SJRWMD Water Supply Planning Regions

- North Florida Regional Water Supply Partnership (NFRWSP)
- Central Springs/East Coast (CSEC)
- Central Florida Water Initiative (CFWI)



Regional Water Supply Planning

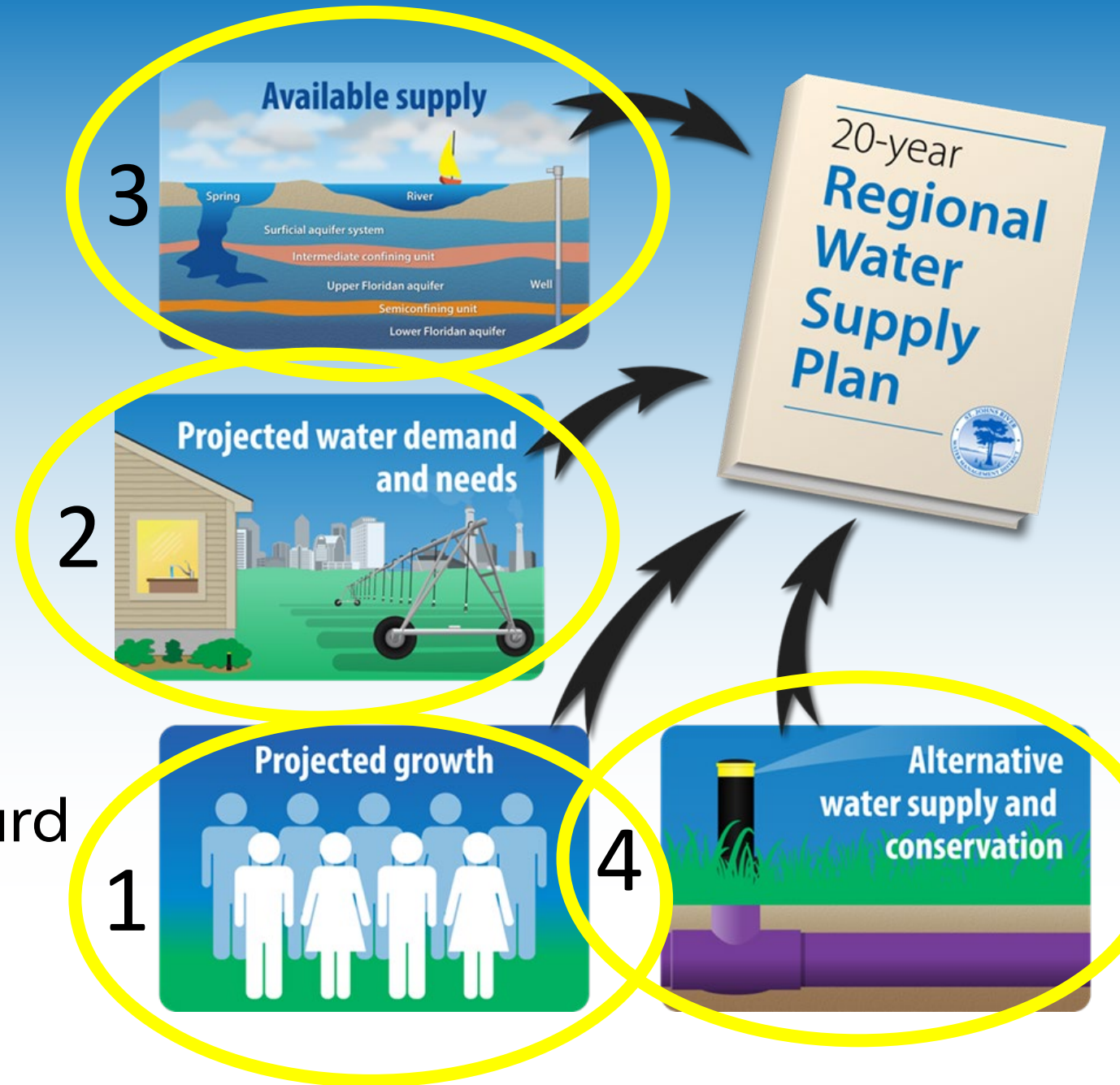
§373.709, *Florida Statutes*

The governing board of each water management district shall conduct water supply planning for a water supply planning region..., where it determines that existing sources of water are not adequate to supply water for all existing and future reasonable-beneficial uses **and** to sustain the water resources and related natural systems for the planning period.



Regional Water Supply Planning Process

- 20-year planning horizon
- Conducted in open public process
- Coordination with other agencies
- Approval by Governing Board
- Updated every five years



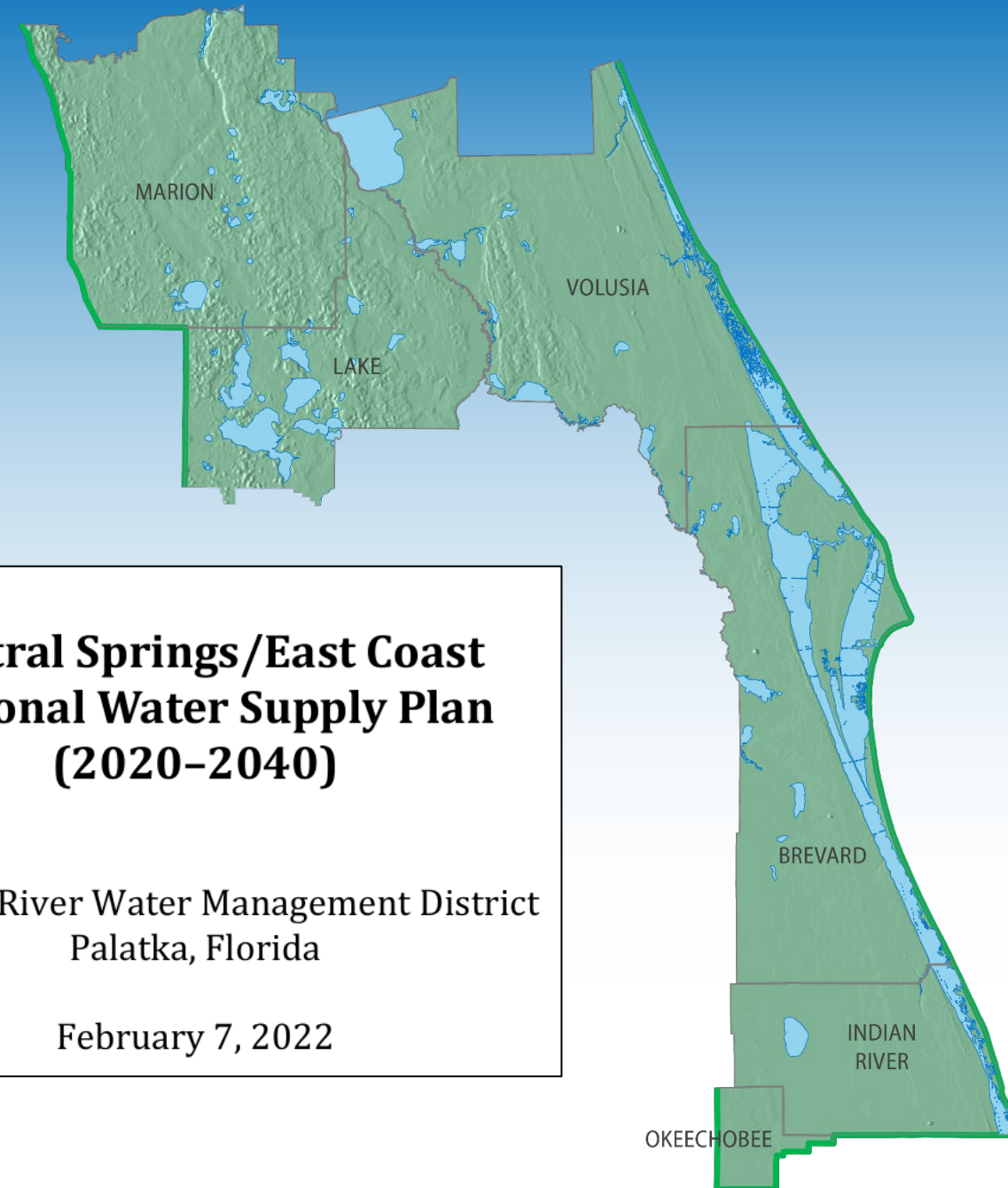
2022 Central Springs/ East Coast Regional Water Supply Plan

- First plan for CSEC region
- Approved by Governing Board in February 2022
- 2020 – 2040 planning horizon

Central Springs/East Coast Regional Water Supply Plan (2020–2040)

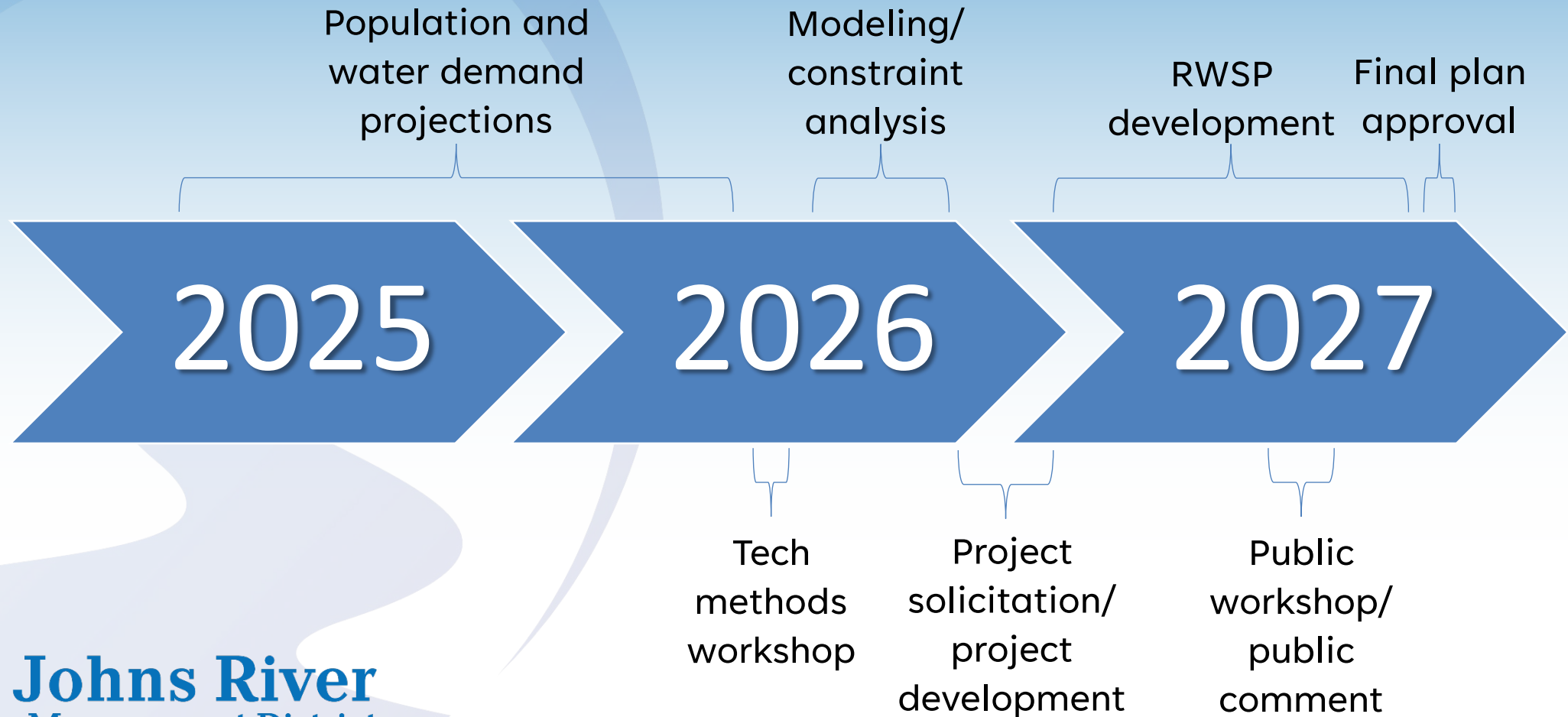
St. Johns River Water Management District
Palatka, Florida

February 7, 2022

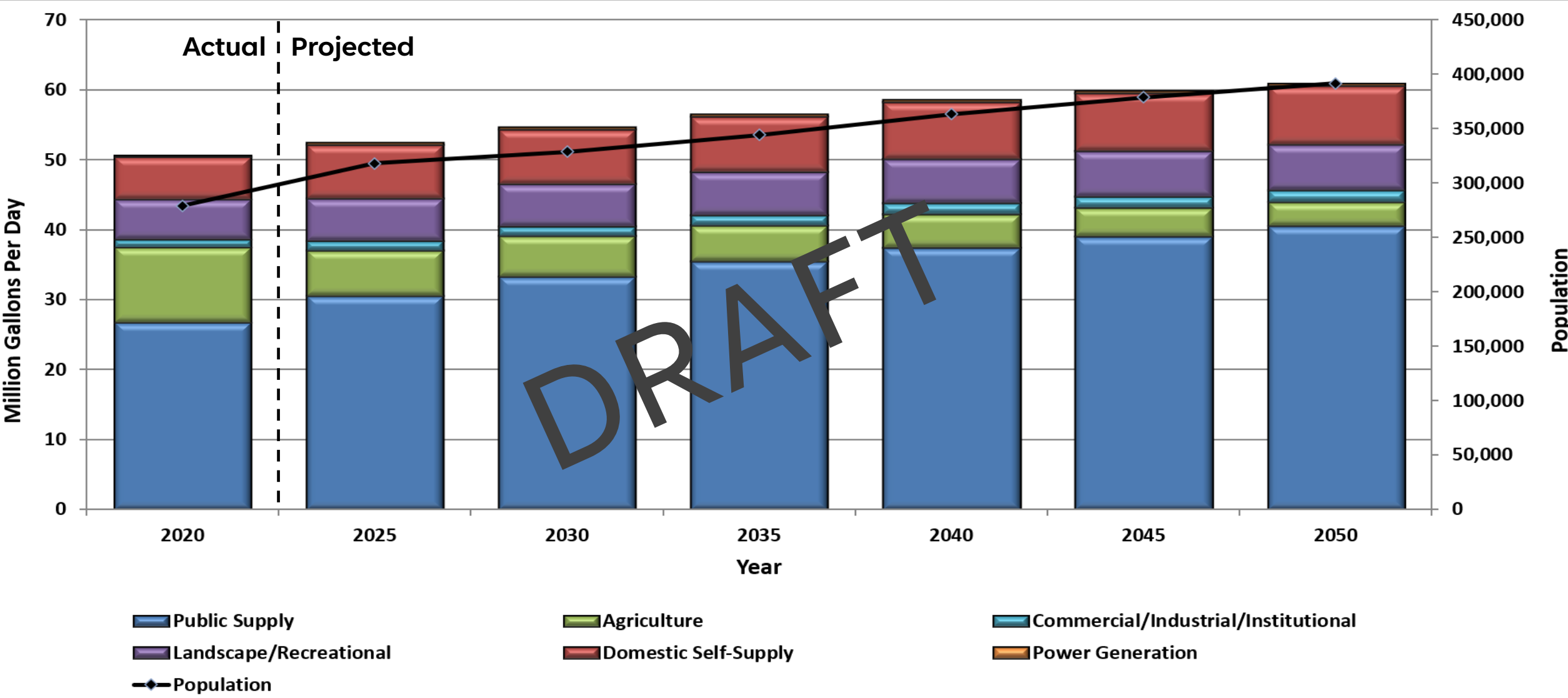


St. Johns River
Water Management District

2027 CSEC Regional Water Supply Plan Milestones

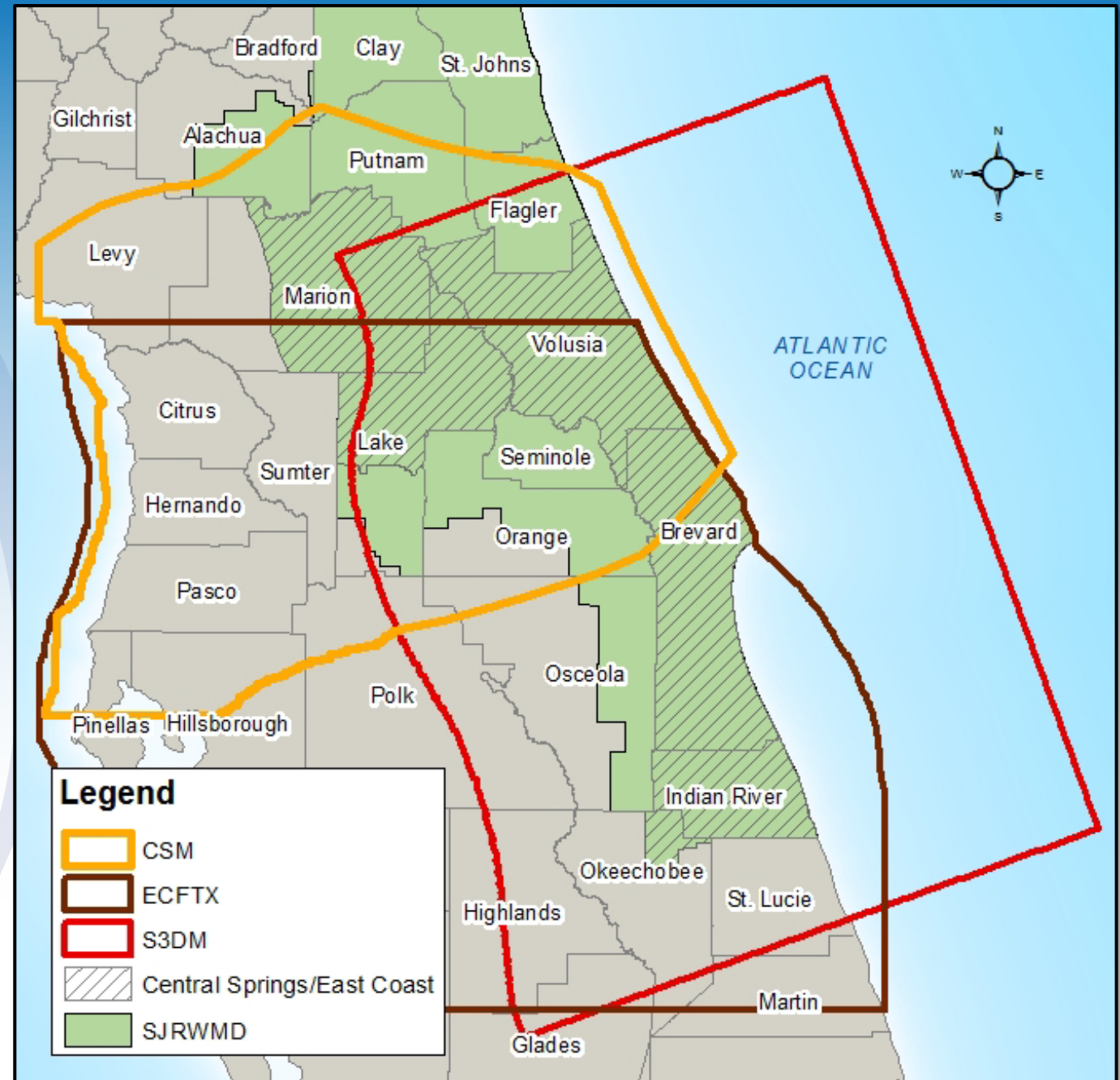


Historic and Projected Population and Water Use in Northern Lake County

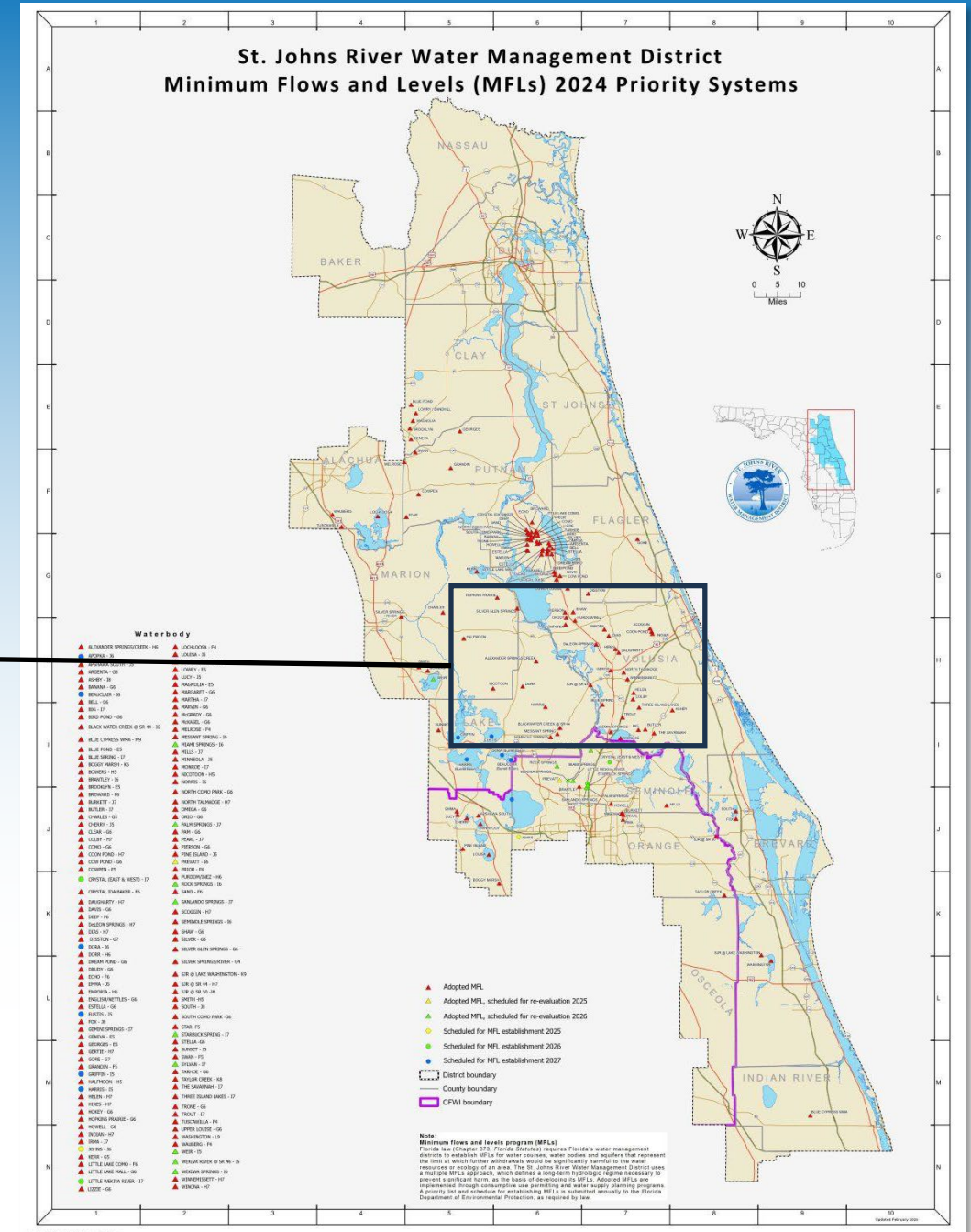
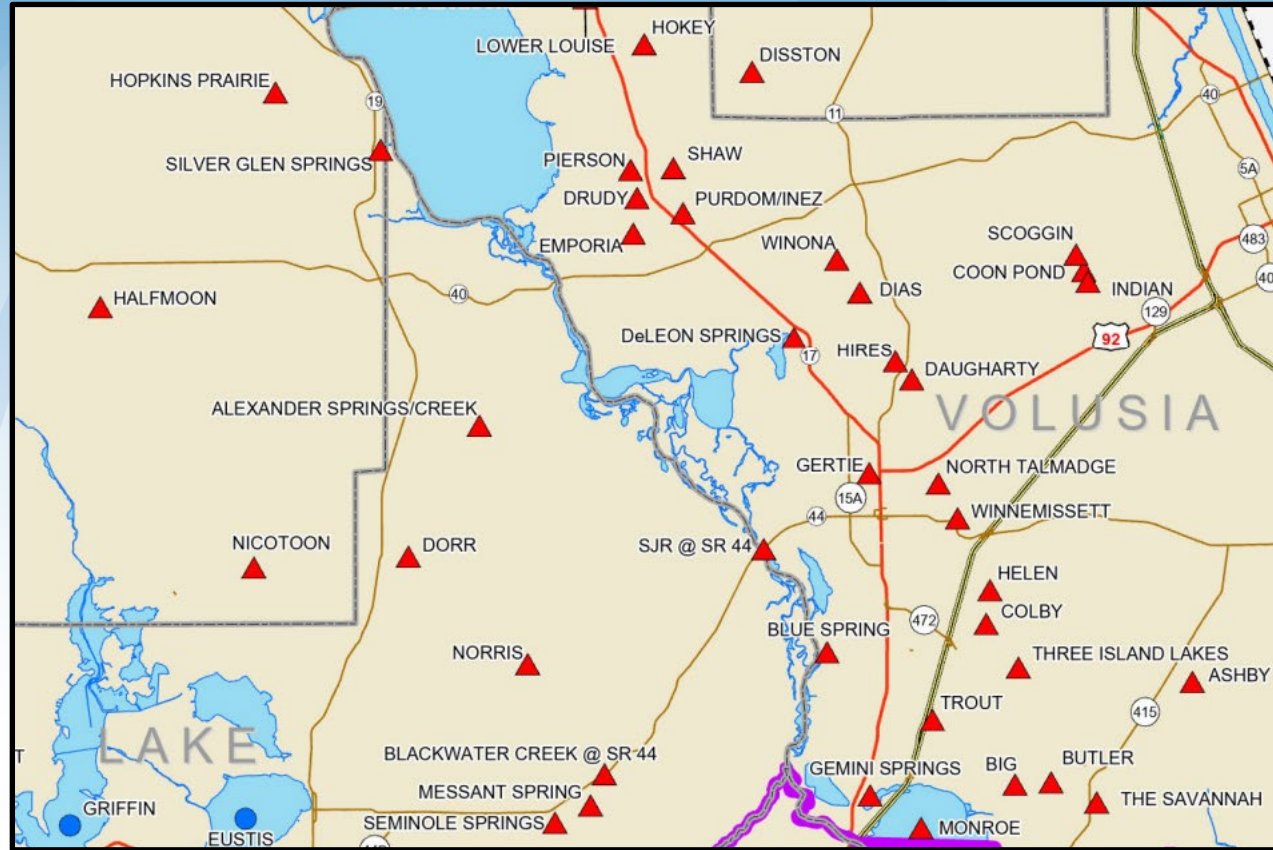


CSEC Groundwater Models

- Central Springs Model (CSM)
- East Central Florida Transient Expanded Model (ECFTX)
- Southern District Density-Dependent Model (S3DM)



Minimum Flows and Levels (MFLs)



St. Johns River
Water Management District

Water Resource Assessment



MFL Lakes



MFL Springs



MFL Rivers



Groundwater Quality



Wetlands



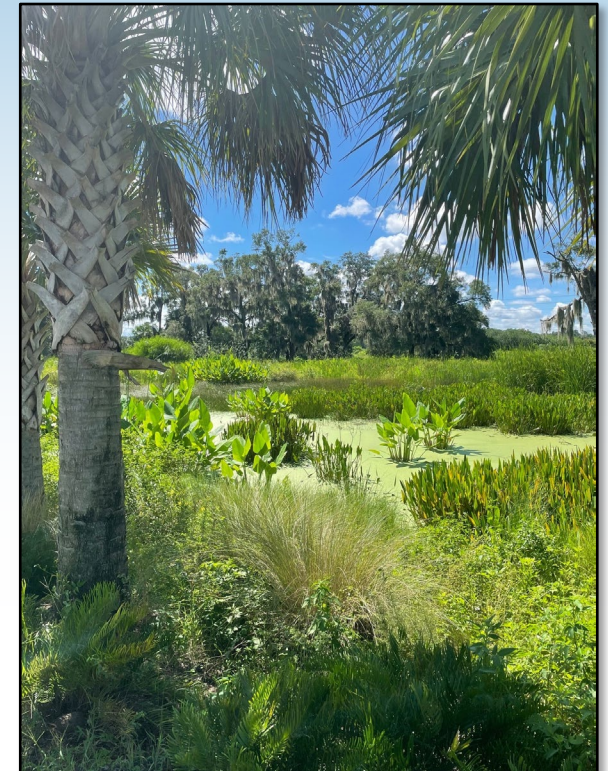
2nd Magnitude Springs



St. Johns River
Water Management District

Project Solicitation

- Alternative water supply
 - Reclaimed water
 - Surface water
 - Brackish groundwater
 - Stormwater
- Aquifer recharge
- Wellfield management
- Water conservation



Register for Updates



www.sjrwmd.com/water-supply/planning/csec-rwsp



St. Johns River
Water Management District

Central Springs/East Coast Regional Water Supply Plan (CSEC RWSP)



Overview

CSEC RWSP

Meetings

Central Springs Model

Southern District Density – Dependent Model

Minimum flows and levels (MFLs)

Water conservation

[View 2022 CSEC Plan](#)

Mission:

Protection of natural resources and cost-effective, sustainable water supplies in the Central Springs/East Coast region of the St. Johns River Water Management District through collaborative planning, scientific-tool development and project implementation.

The Central Springs/East Coast (CSEC) Regional Water Supply Plan (RWSP) area includes all or part of six counties in the St. Johns River Water Management District – Volusia, northern Lake, Marion, Brevard (excluding the city of Cocoa service area, which is included in the Central Florida Water Initiative), Indian River, and Okeechobee counties. The northern portion of the planning region is home to six of the eight Outstanding Florida Springs in the District including Silver and Silver Glen in Marion County, Alexander in Lake County, and Volusia Blue, DeLeon, and Gemini in Volusia County. The CSEC planning region features the headwaters of the St. Johns River, the Indian River Lagoon and more than 140 miles of Atlantic coastline.



The District conducts water supply planning in collaboration with local governments, public supply utilities, environmental advocates, neighboring water management districts, and other stakeholders for a 20-year planning period. Based on the best data and research available at the time of plan development, the 2022 CSEC RWSP indicated that fresh groundwater alone could not supply the projected increase in water demand in 2040 without causing unacceptable harm to water resources. The plan identified solutions, including water supply and water resource development projects and water conservation potential, to meet future needs while protecting the region's natural resources.

Preparation of the 2027 five-year update to the CSEC RWSP is currently underway. This update will evaluate projected water demand extending to the 2050 planning horizon. New groundwater models will be utilized in the CSEC water resource assessment. The Central Springs Groundwater Flow Model version 1.1 (CSM v1.1) will replace the Northern District Model version 5 (NDMv5) and the Volusia Groundwater Flow Model that were used in the 2022 plan. In addition, the Southern District Density Dependent Groundwater Flow and Transport Model (S3DM) will allow for predictive water quality scenarios in areas of the planning region where saltwater intrusion is a concern. An effort to update several minimum flows and levels (MFLs) lake surface water models will yield revised compliance assessments that will be integrated into the water resource assessment, in addition to any new or re-evaluated MFLs. These tools and others will help to assess whether available water supplies can meet the demands of the CSEC region without causing unacceptable harm to water resources.

[Sign up](#) to receive information about the CSEC RWSP by email.

Sign up to

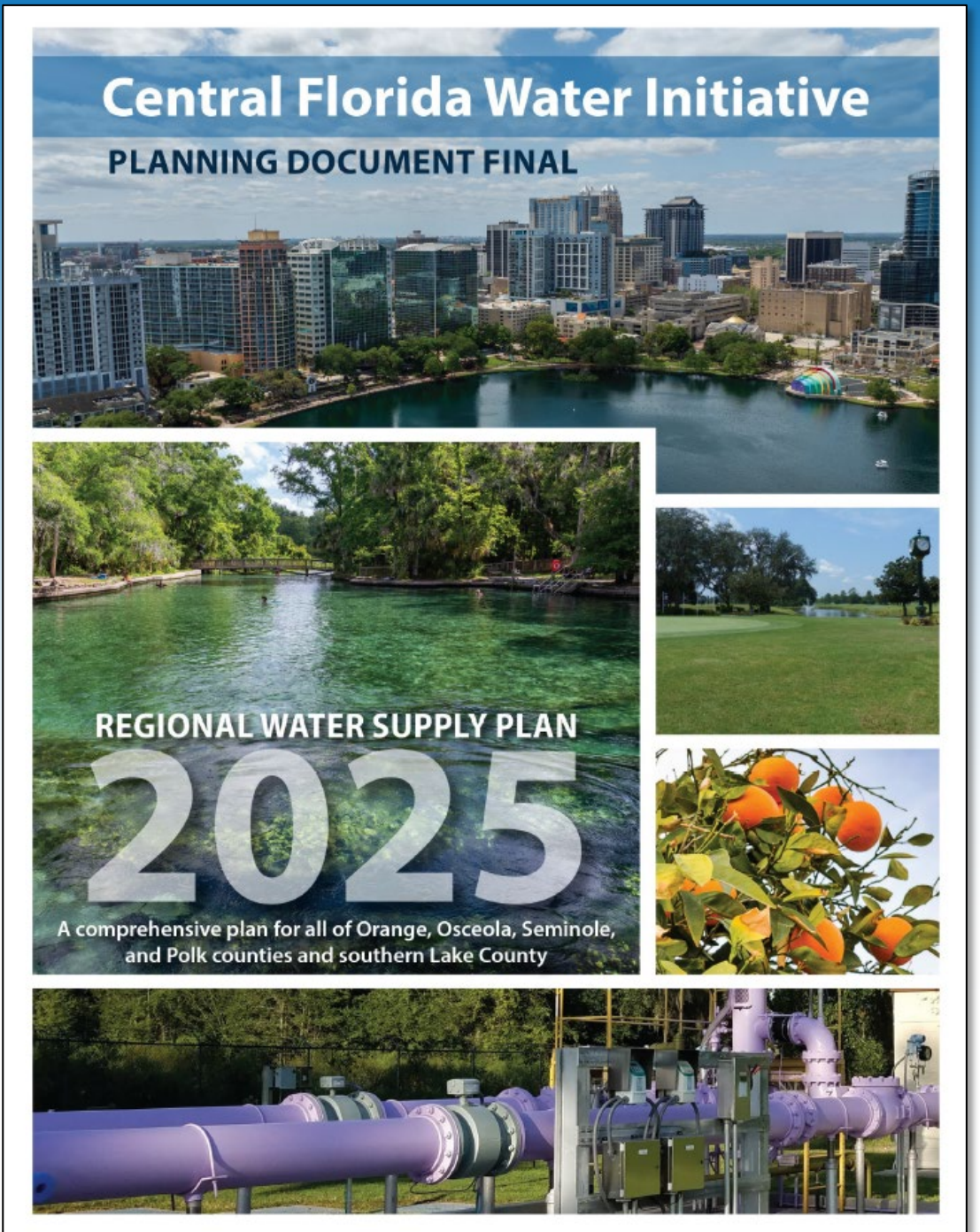


2025 CFWI RWSP

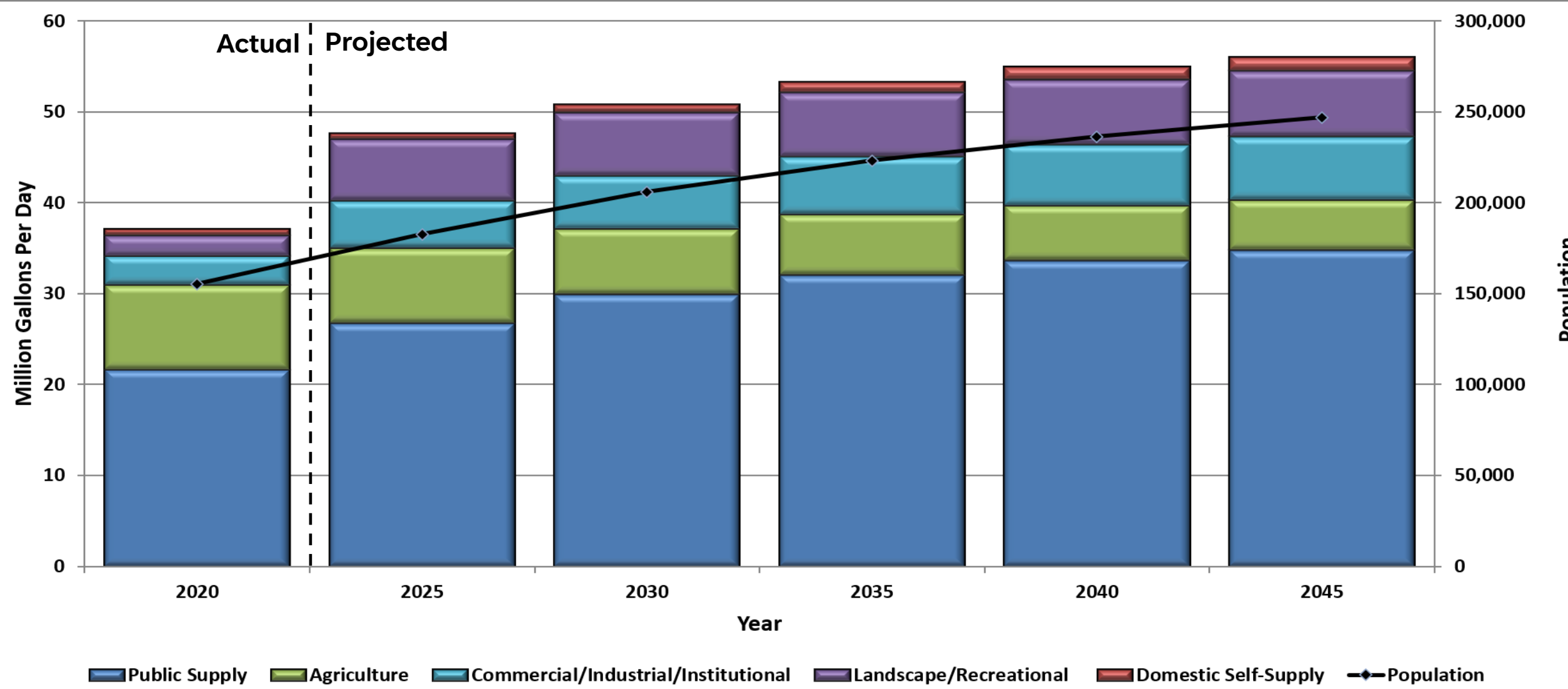
- First CFWI RWSP in 2015
- 2nd update to the CFWI RWSP
- Approved in Nov 2025



St. Johns River
Water Management District



Historic and Projected Population and Water Use in Southern Lake County

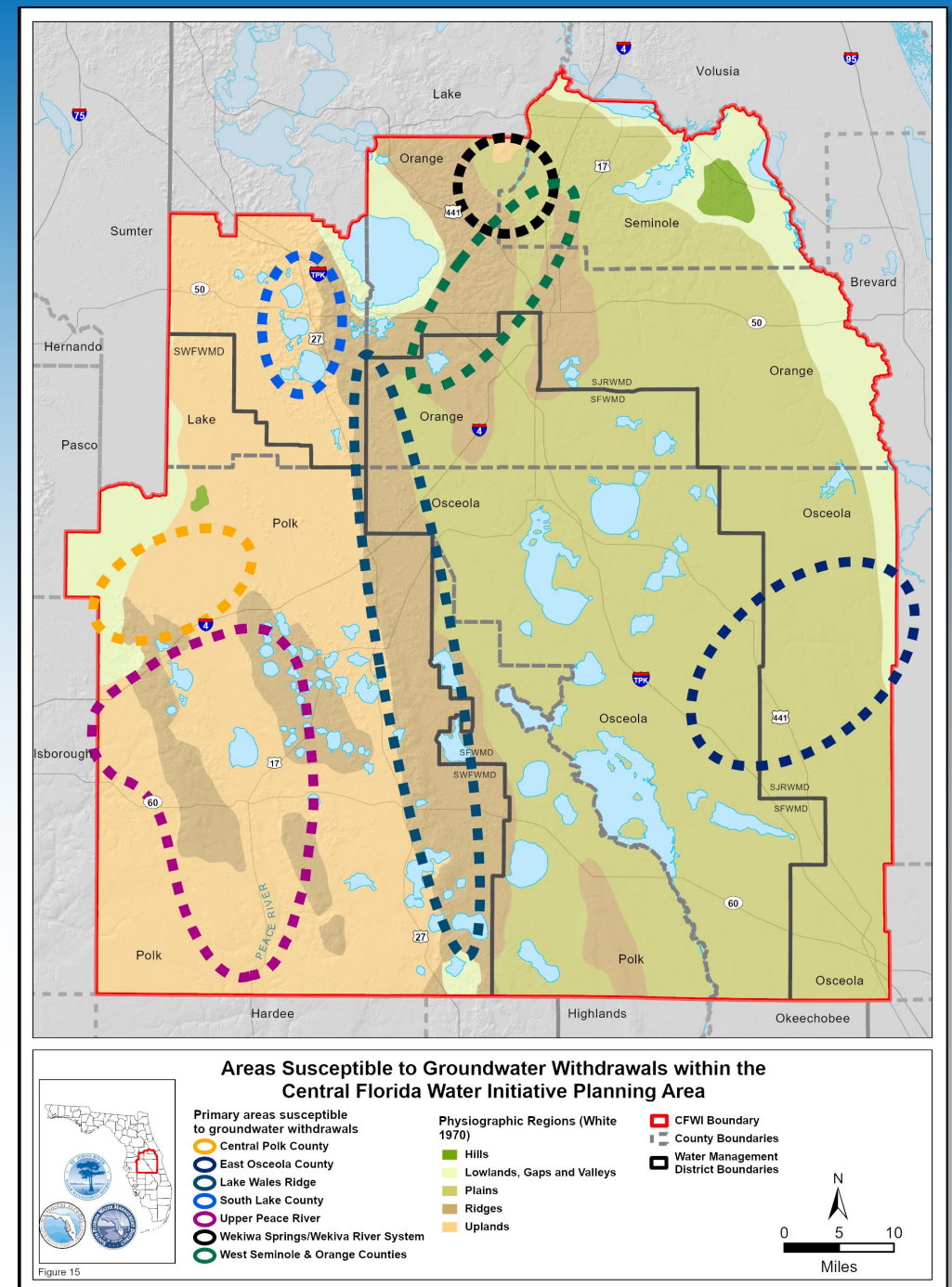


Primary Areas Susceptible to Groundwater Withdrawals

- Wekiwa Springs/Wekiva River System
- South Lake County
- West Seminole County/West Orange County
- East Osceola County
- Lake Wales Ridge
- Upper Peace River Basin
- Central Polk County (north of I-4)



St. Johns River
Water Management District



Planning-Level Groundwater Availability

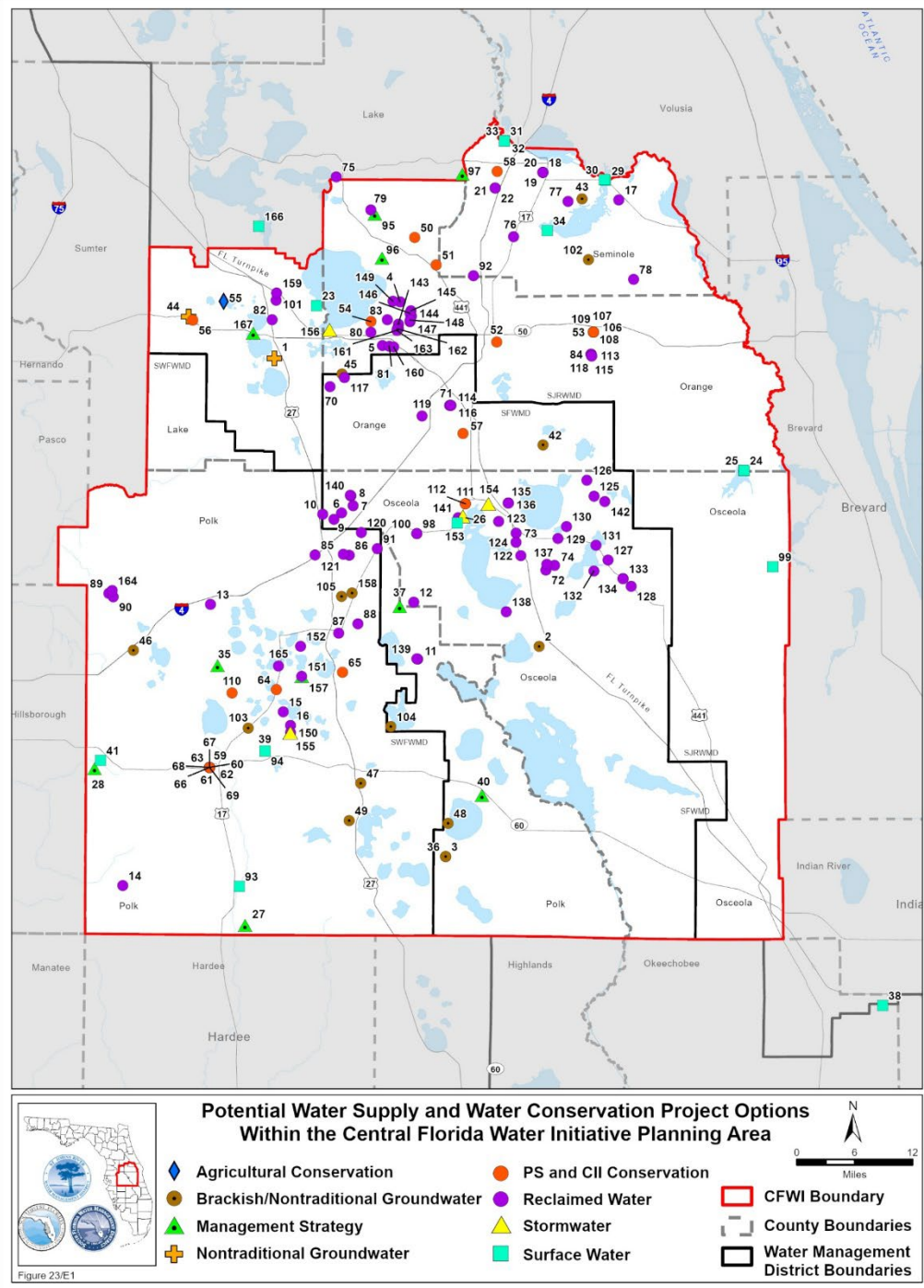
Groundwater available	760 mgd
Year 2045 groundwater demand	856 mgd
Groundwater shortfall	96 mgd
To meet these demands:	
Project Options	514 mgd
Conservation	45 mgd

mgd = million gallons per day



To meet the 96 mgd groundwater shortfall:

CFWI RWSP	CFWI	Lake County
Number of projects	140	12
Project Options Capacity	514 mgd	45 mgd

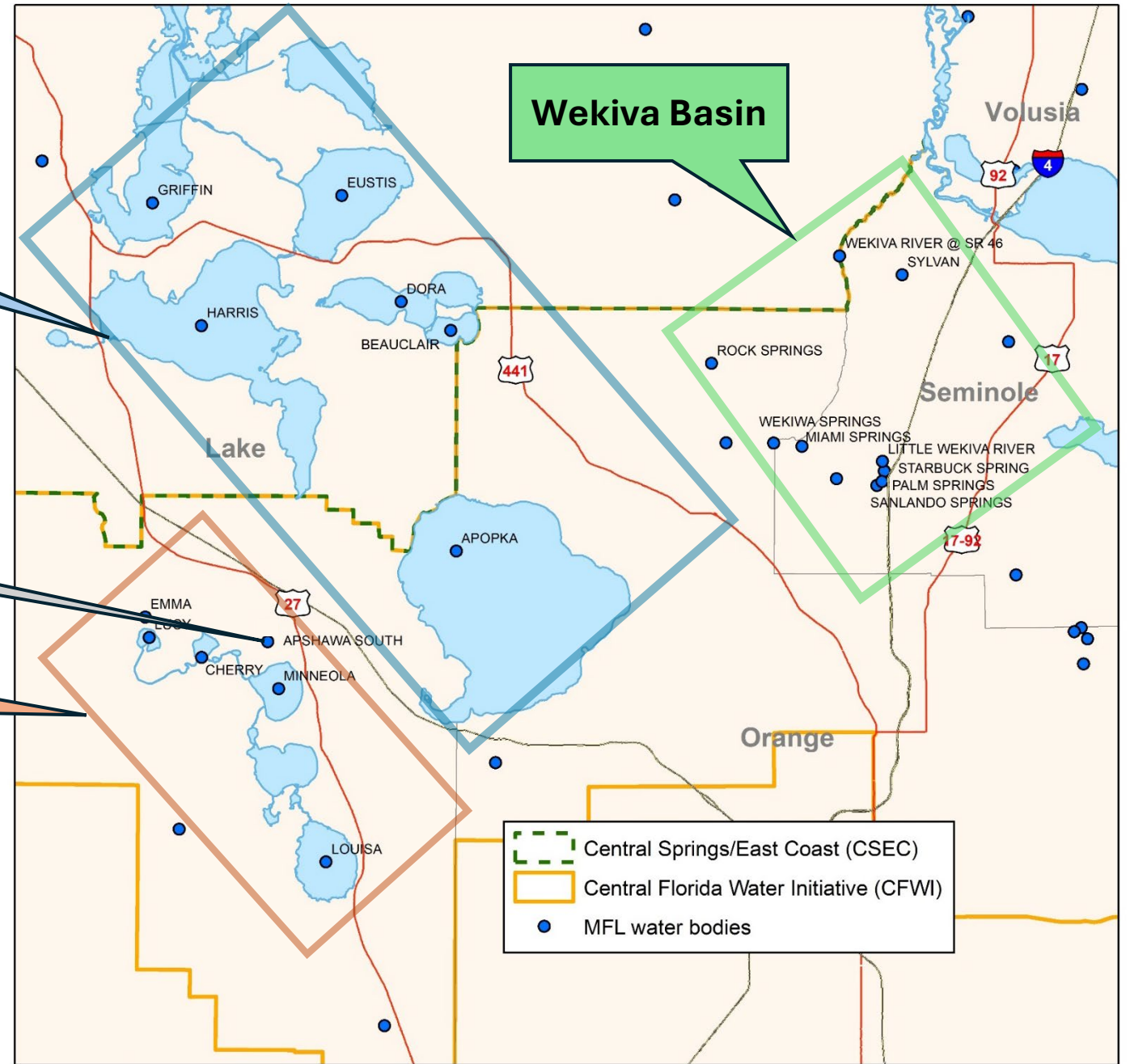


MFLs of Concern

Upper Ocklawaha
River Basin

Apshawa South

Clermont Chain



St. Johns River
Water Management District

Wekiva Basin and Sylvan Lake Status

- Draft Wekiva Basin MFLs indicate there is no freeboard now.
 - Wekiva Basin is in **recovery**
- Draft Sylvan Lake MFLs have some freeboard now, but not by the end of the planning horizon.
 - Sylvan Lake is in **prevention**

Therefore, a Prevention and Recovery Strategy will be needed to meet the MFLs.



What is a Prevention and Recovery Strategy?

Identifies a suite of projects and measures to prevent the MFLs from being violated due to consumptive uses of water, while providing sufficient water supplies for all existing and projected reasonable beneficial uses.

A prevention and recovery strategy must be approved concurrently with the adoption of the MFLs.

Section 373.0421(2) F.S.



CFWI Rule Highlights

- Rule became effective in 2022
- Upper Floridan aquifer limited to demonstrated 2025 demand
- Public supply goal of 115 gpcd gross water use
- Public supply annual reporting

CENTRAL FLORIDA WATER INITIATIVE SUPPLEMENTAL APPLICANT'S HANDBOOK

This Volume is incorporated by reference in subsection 62-41.302(1), F.A.C.

Effective January 5, 2022

FOR USE IN THE CENTRAL FLORIDA WATER INITIATIVE AREA
BY AND FOR THE:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
SOUTH FLORIDA WATER MANAGEMENT DISTRICT



St. Johns River
Water Management District

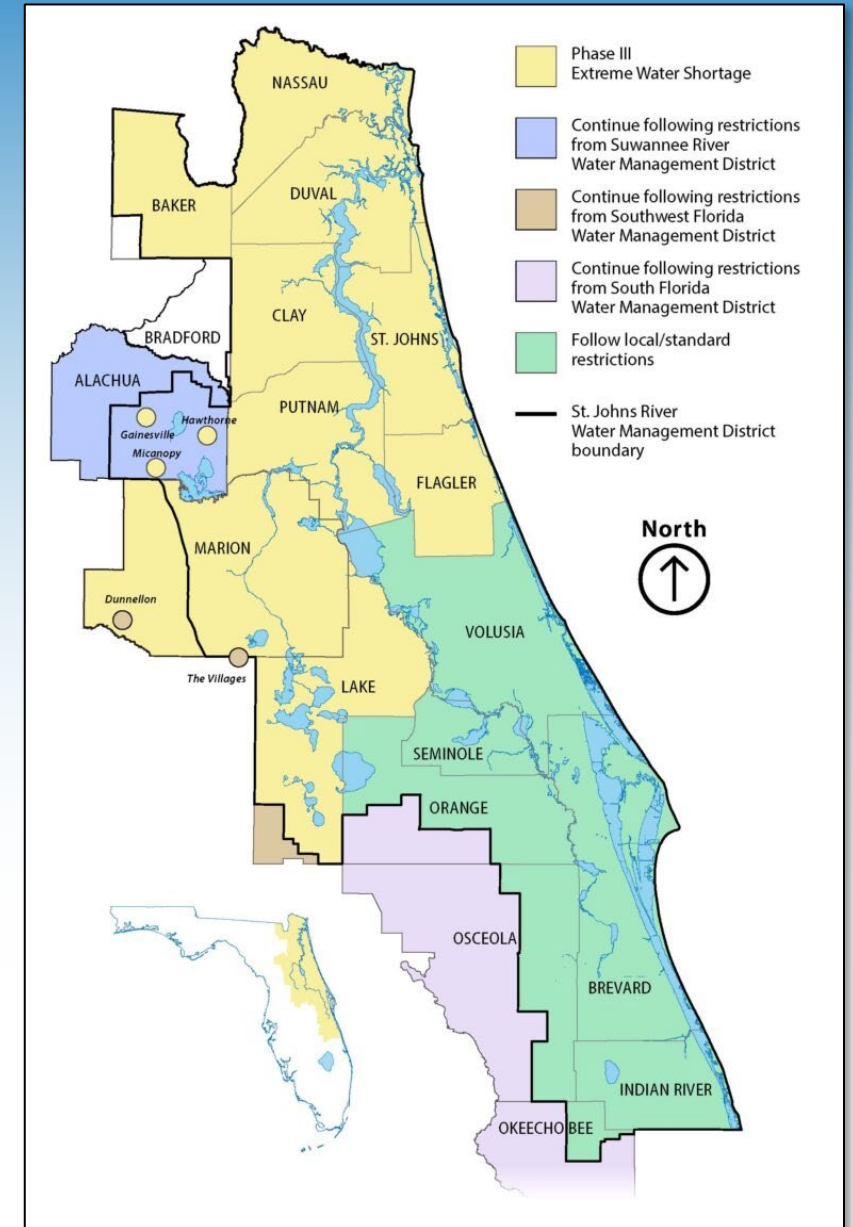
SJRWMD Phase III Water Shortage in Effect

- Landscape irrigation limited to one day a week, prohibited between the hours of 8 a.m. and 6 p.m.
- Irrigation of new plantings, including sod, is further restricted.
- Commercial, industrial, and institutional users must suspend certain non-essential water uses.
- Aesthetic water use is prohibited, and additional restrictions apply to activities such as street and pressure washing.
- Wasteful and unnecessary water use is prohibited.

<https://www.sjrwmd.com/wateringrestrictions>



St. Johns River
Water Management District





Joy Kokjohn
jkokjohn@sjrwmd.com
386-329-4223

Callie Register, P.E.
cregister@sjrwmd.com
321-473-1328



**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

27351 SR 19 • Tavares, Florida 32778-4251 • (352) 324-6141 • Fax (352) 324-6364 • email: info@lcwa.org • www.lcwa.org

TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Marcia Bush, Associate Director, Water Resources

DATE: June 12, 2026

RE: Try Marine Water Quality Technology Presentation by Trophic Innovations

Regular Agenda – Tab 8

Try Marine Water Quality Technology Presentation by Trophic Innovations

David Beasley, President of Trophic Innovations and Certified Fisheries Professional will provide an informational presentation regarding innovative water quality technologies and potential applications for lakes, stormwater systems, canals, and other aquatic environments.

The presentation will include an overview of the Try Marine Product and treatment approaches designed to address nutrient management, water quality enhancement, and aquatic ecosystem restoration. Discussion may include case studies, potential environmental benefits, and examples of implementation in freshwater systems.

The presentation is intended to provide the Board with information regarding emerging technologies that may have future applicability to water resource management efforts within Lake County. No specific project approvals or funding commitments are being requested at this time.

Executive Director's Recommendation:

1. For Board information & discussion.

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District 3

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District 4

Jonathan Germeroth
District 5

De-Eutrophication of Freshwater Systems Using TryMarine

Presented by David Beasley

Trophic Innovations LLC

Certified Fisheries Professional

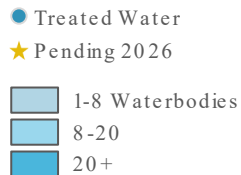
What Is TryMarine

- Patented water-based product for lake restoration and muck reduction
 - (U.S. Patent 12,545,606)
- 25 years of development, based on waterbody management science
- NSF-60 certified for drinking water application
- Liquid formulation applied to the surface throughout the growing season (typically bi-weekly, then monthly)
- Validated by Dr. Gobbler at Stony Brook University and other credible Lake Managers and Biologists
- Manufactured in FL. In its fourth year of use in the USA

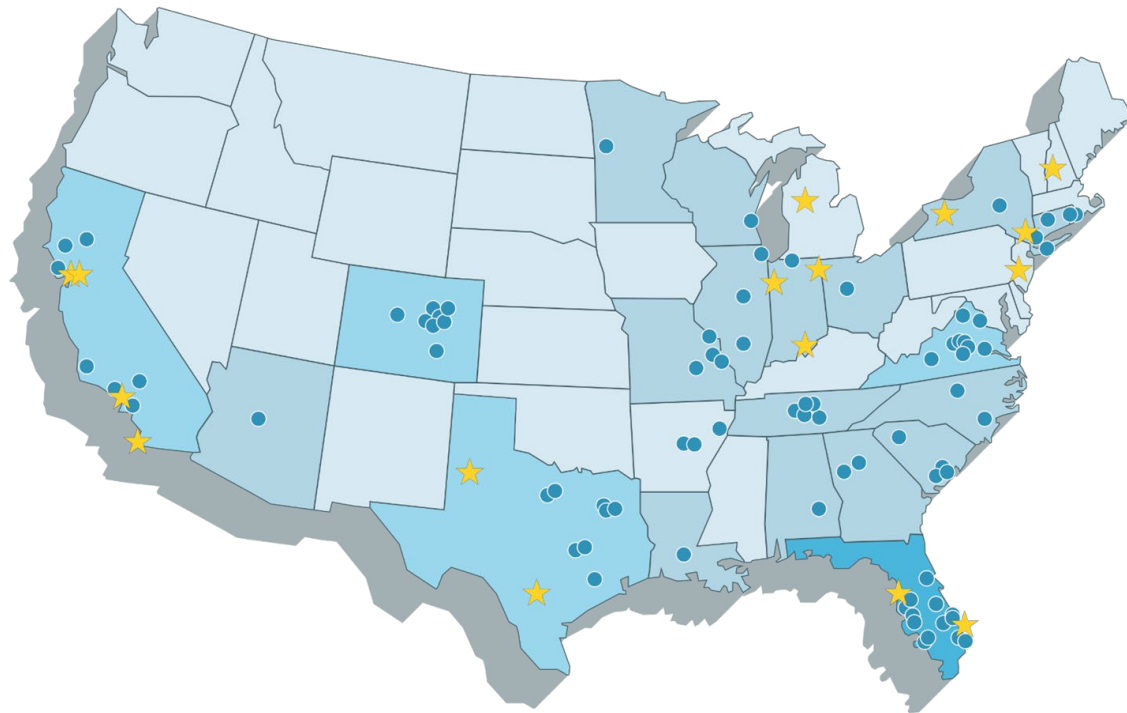


Safe for Drinking Water
Up to 522 ppm
(typical dose: 0.5 -2 ppm)

TRYMARINE IS IN USE ACROSS THE US



States	25
Total Waterbodies	150+
Florida Waterbodies	30+
Municipalities/Commercial Waterbodies	11



De-Eutrophication with TryMarine

- A Paradigm Shift From Symptom Management to Sustainable Lake Restoration
- A System Level Approach to Sustainable Lake Restoration

The root cause of lake degradation is
Increasing Sediment Oxygen Demand (not phosphorus)

- Lakes accumulate organics (Internal Load)
 - Which leads to an Oxygen Consumption Issue
- Elevated in-water phosphorus is a symptom, not the problem

De-Eutrophication with TryMarine

- First meaningful solution that addresses the Internal Load
- Easy to scale up and tailor to specific waterbody conditions and goals
- Rewinding the hands of time 30-40 years is easy with this technological breakthrough



40 Acre

Coastal Plain Lake

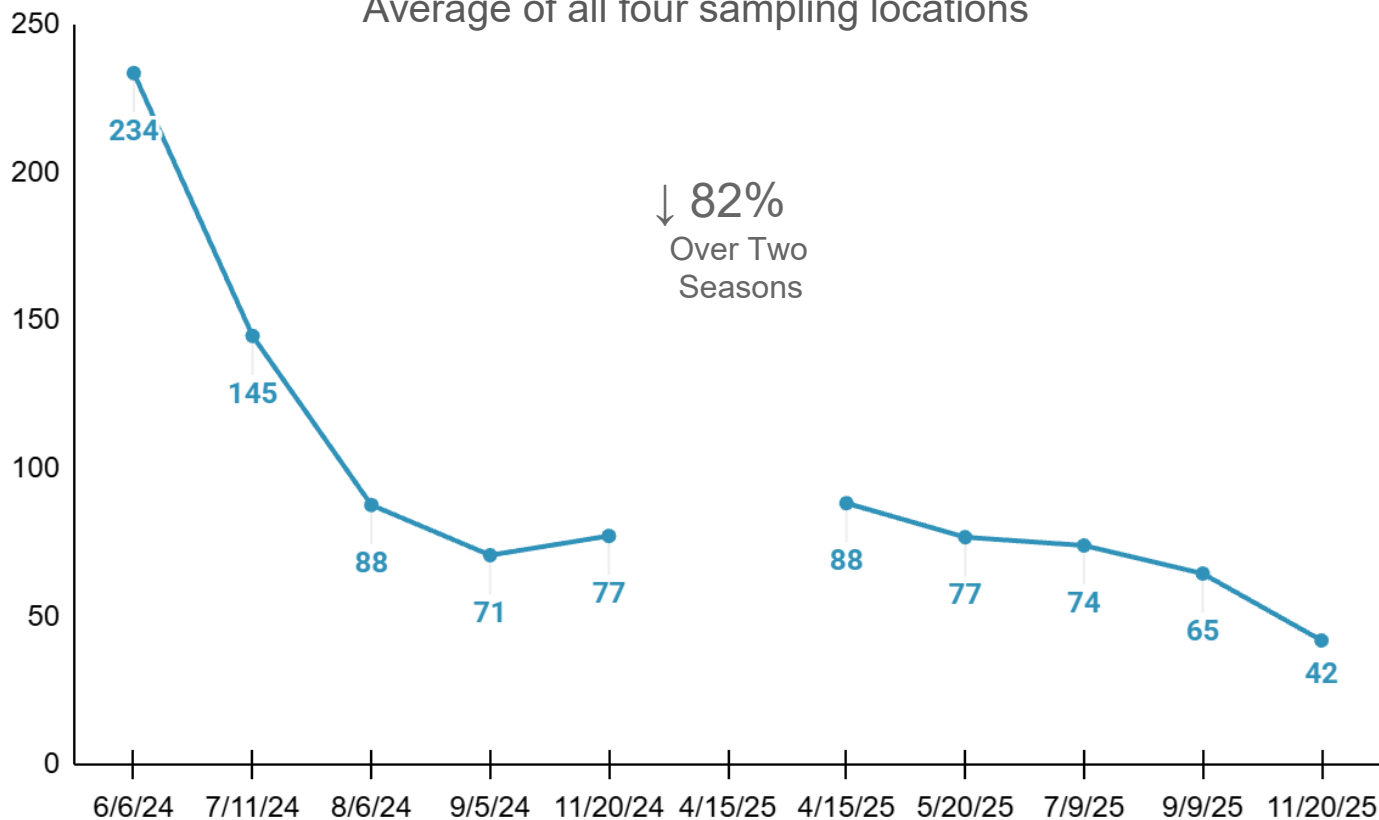
- Hyper-eutrophic
- Near zero oxygen throughout the growing season
- Three year restoration starting in the spring of 2024
- Four monitoring locations and DO/Temp buoy
- Bi-weekly applications while water temps are ≥ 60 F





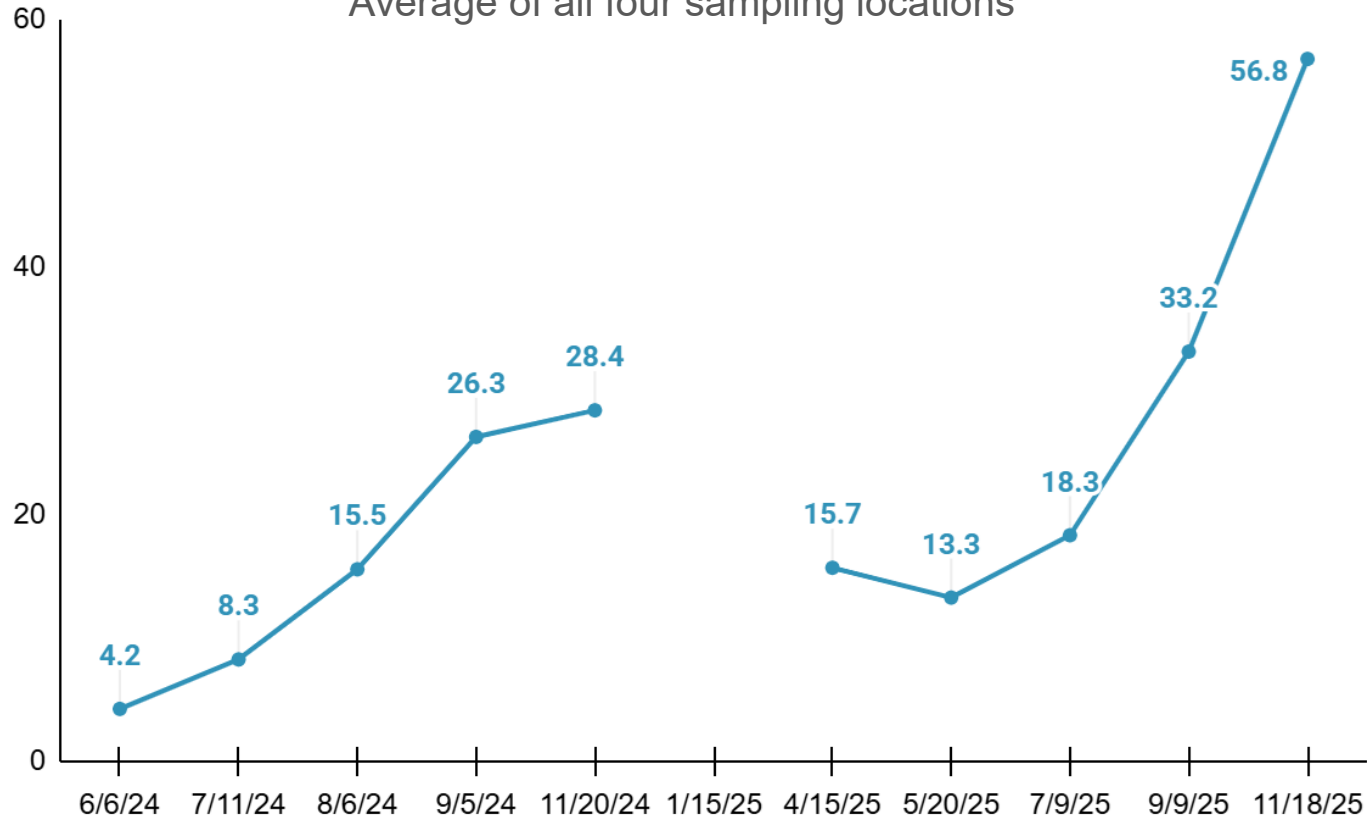
Total Phosphorus (Water) ppb

Average of all four sampling locations



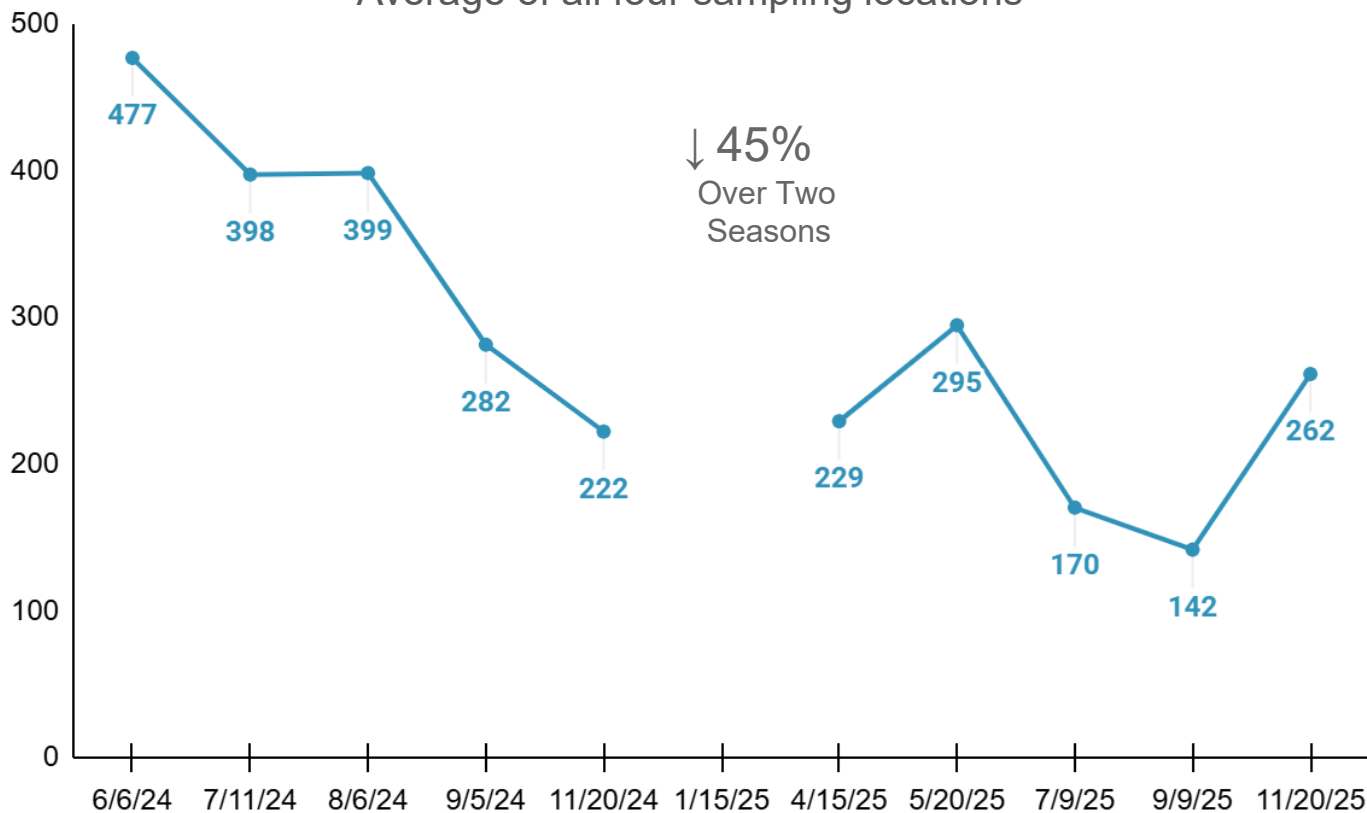
TN:TP Ratio (Water)

Average of all four sampling locations



Total Phosphorus (Sediment Core Samples) ppm

Average of all four sampling locations



Lower 10 Acres



Prior to treatment



2 Months After
Starting



16 Months After
Starting

Upper 30 Acres



Prior To
Starting



2.5 Months After
Starting



16 Months After
Starting

July 2024



September 2025



The lake shifted to a diverse, balanced ecosystem in the summer 2025. Water was dark in color (tannic appearance) with a visibility of 22-28 inches

July 2024

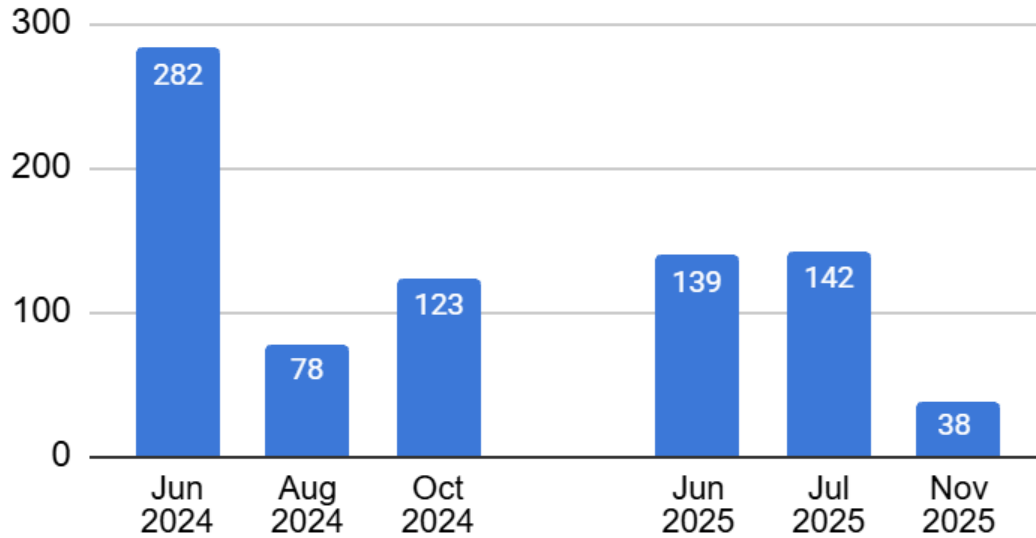


September 2025



750 Acres Lake System (Three Lake Chain)

Total Phosphorus (In-Water)



↓ 86%
Over Two
Seasons

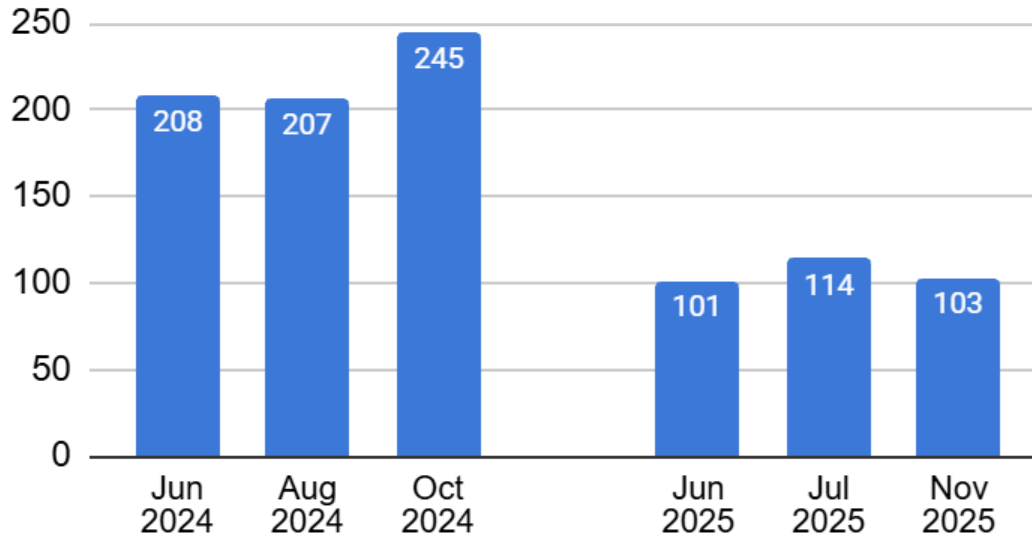


Spring 2024



Summer 2024

Total Phosphorus (In-Sediment)



↓ 50%
Over Two
Seasons

Internal Load Is Linked To Lake Health

- Organics accumulate in the sediments (C,O, H, P, N, S, etc. not just P)
- 85-95% carbon and oxygen, 0.1-1% phosphorus
- Often 500-1,000 times more phosphorus in the sediments than in the water
- Binding phosphorus without addressing Sediment Oxygen Demand (SOD) is typically an inefficient, short-term approach that is set up for failure
- Organic matter accumulates over many decades
- Restoration using TryMarine will rewind the hands of time several decades

De-Eutrophication

- Using TryMarine, nature moves the organics into the food web
 - Improved sediment health and water quality allow native beneficial bacteria, flora and fauna to thrive
 - Resulting in the decomposition of organic matter
 - Sustained favorable water quality and sediment health allow for healthy competition, diversity, as well as continued organic decomposition
 - Fish and other wildlife capitalize on the improved environment and increased productivity
 - Phosphorus, nitrogen, carbon, etc. cycle properly into higher levels of the food web
 - Balance is restored

Summary

- The internal load is crippling many freshwater systems
 - Leading to elevated in-water phosphorus, algae blooms, excessive vegetation growth, muck accumulation, foul odors, fish kills, etc.
- We can now restore system balance by enabling nature to decompose the organics
- A shift from intervention to restoration (sustainable collaboration with nature)
- Fixing hypereutrophic canals, ponds, lakes (even Apopka) and rivers is no longer difficult thanks to TryMarine's technological breakthrough.

Questions

- Contact Info:
 - David Beasley
 - **Trophic Innovations LLC**
 - dbeasley@trophicinnovations.com
 - 315-481-7073
- Acknowledgements
 - Farshid Soheili Najafabadi
 - Susan Abramson
 - SOLitude Lake Management



**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

27351 SR 19 • Tavares, Florida 32778-4251 • (352) 324-6141 • Fax (352) 324-6364 • email: info@lcwa.org • www.lcwa.org

TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Sean Beaudet, Grants Program Manager

DATE: June 12, 2026

RE: Unanticipated Revenue Resolution (URR) for Water Quality Study Participation

Regular Agenda – Tab 9

Unanticipated Revenue Resolution (URR) for Water Quality Study Participation

The Florida Gulf Coast University (FGCU) received a Legislative Appropriation in FY 2024-2025 to “gather data related to water quality projects across Florida to identify and analyze potential regional projects, including those that encompass and extend beyond septic conversion, stormwater management, hydrologic improvements, and innovative technology categories”.

LCWA, in partnership with FGCU, participated in the study. This required entering into a participation agreement, completing a survey, and invoicing FGCU. In doing so, LCWA became eligible to receive \$10,000 for participating. Staff completed all requirements during the months of March and April, and the payment was received in late May.

Per Section 129.06(2)(d), Florida Statutes, as applicable to dependent special districts through Chapter 189, Florida Statutes, the Board of Trustees is authorized to amend the budget for the current fiscal year to account for and appropriate unanticipated revenues received by the Authority by adopting a resolution.

Executive Director’s Recommendation:

Recommend adoption of an Unanticipated Revenue Resolution (URR) to accept \$10,000 and amend the Water Resources Fund in the Fiscal Year 2026 budget.

Enclosures:

- Participation Agreement
- URR

BOARD OF TRUSTEES

Gavin Rollins
District 1

Trampis Bonjorn
District 2

Birdie Zenishek
District 3

Butch Hendrick
District 4

Jonathan Germeroth
District 5

PARTICIPATION AGREEMENT

between

Florida Gulf Coast University Board of Trustees
and

Lake County Water Authority

Florida Gulf Coast University Board of Trustees located at 10501 FGCU Blvd South, Fort Myers, FL 33965 ("FGCU"), and Lake County Water Authority, located at 27351 State Road 19, Tavares, Florida 32778

("PARTICIPANT") and agree to the following terms and conditions under which PARTICIPANT has agreed to Participate in Study to Identify and Analyze Potential Regional Water Quality Improvement Projects ("Project") and to complete its participation in the Project by March 27, 2026.

1. Purpose of Project

This Project is to gather data related to water quality projects across Florida to identify and analyze potential regional projects, including those that encompass and extend beyond septic conversion, stormwater management, hydrologic improvements, and innovative technology categories. FGCU will collect data directly from city, county, and state entities as well as from publicly available water quality databases to categorize, quantify, and report information relevant to water quality projects across the state. Data from Participants will be collected and aggregated using an electronic intake and data analytics tool. The University will use this data to identify and analyze potential regional projects that meet the eligibility criteria set forth in s. 403.0673, Florida Statutes. The data collected from participating city, county, and state entities will include:

- Primary water quality concerns (e.g., nutrient pollution, sedimentation, harmful algal blooms) for impaired rivers, lakes, or other water bodies and the potential sources of pollutants, along with the publicly available water quality or related data.
- A list and description of water quality projects previously implemented, including the affected waterbody, estimated costs, estimated benefits, and nutrient loading reduction goals, as available.
- Current water quality projects including the affected waterbody, estimated costs, estimated benefits, and nutrient loading reduction goals, as available.
- Anticipated future water quality projects including the affected waterbody, estimated costs, estimated benefits, and nutrient loading reduction goals along with the publicly available water quality or related data that supports anticipated water quality projects, as available.
- Perceived data gaps that would directly support the goal of reducing nutrients in that region.

2. Participation and Consent

The PARTICIPANT agrees to participate in the Project and to fully complete and submit the Project survey attached as Exhibit 1 by March 27, 2026.

3. Compensation

FGCU shall pay PARTICIPANT the amount of \$10,000 upon receipt of the fully completed survey, an invoice for said amount by Lake County Water Authority, and provide a signed W-9 form sent to the FGCU Contact shown under section 5.

4. Voluntary Participation

The PARTICIPANT'S response to this survey is voluntary.

5. Contact Information

For FGCU: **Rachel Rotz, Ph.D.**
10501 FGCU Blvd South
Fort Myers, FL 33965
rrotz@fgcu.edu
706-612-0109

For Participant: Name: Justin Elkins
Title: Water Resources Director
Address: 27351 State Road 19
Address2: _____
Email: justin.elkins@lakecountyfl.gov
Telephone: (352) 630-7770

IN WITNESS WHEREOF, the parties hereto have caused this Participation Agreement to be executed and made effective as the date of last execution. Each person signing on behalf of the parties to this Participation Agreement represents and warrants that they have full authority to execute this Agreement on behalf of such party and that this Participation Agreement will constitute a legal and binding obligation of such party.

Lake County Water Authority

Participant Legal Name



Date: 3/25/26

Printed Name: Bobby Bonilla

Title: Executive Director

Florida Gulf Coast University Board of Trustees

Date: _____

Name: Rosemary Higgins, M.D.

Title: Associate Vice President for Research

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Lake County Water Authority	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: ☐ Individual/sole proprietor or single-member LLC ☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. ☒ Other (see instructions) ▶ Government	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) 3 Exemption from FATCA reporting code (if any) (Applies to accounts maintained outside the U.S.)	
	5 Address (number, street, and apt. or suite no.) 27351 SR 19	Requester's name and address (optional)
	6 City, state, and ZIP code Tavares, FL 32778	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number								
			-			-		
or								
Employer identification number								
5	9	-	6	0	1	8	0	3

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign
Here

Signature of
U.S. person ▶

Linda Marino

Date ▶ *10-25-16*

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

RESOLUTION NO. 2026-04

A RESOLUTION OF THE LAKE COUNTY WATER AUTHORITY AMENDING THE FISCAL YEAR 2025–2026 WATER RESOURCES FUND BUDGET TO RECOGNIZE AND APPROPRIATE UNANTICIPATED REVENUE IN THE AMOUNT OF TEN THOUSAND AND NO/100 DOLLARS (\$10,000.00); PROVIDING FOR BUDGETARY AMENDMENTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Section 129.06(2)(d), Florida Statutes, as applicable to dependent special districts through Chapter 189, Florida Statutes, the Board of Trustees is authorized to amend the budget for the current fiscal year to account for and appropriate unanticipated revenues received by the Authority; and

WHEREAS, the Lake County Water Authority has received unanticipated revenue in the amount of Ten Thousand and No/100 Dollars (\$10,000.00), which funds are to be deposited into the Water Resources Fund for Fiscal Year 2025–2026; and

WHEREAS, the Board of Trustees of the Lake County Water Authority finds that it is necessary and in the best interests of the Authority to amend the Fiscal Year 2025–2026 Budget in order to recognize, appropriate, and authorize expenditure of such unanticipated revenues in accordance with applicable Florida law.

NOW THEREFORE, BE IT RESOLVED by the Board of Trustees of the Lake County Water Authority as follows:

Section 1. Recitals. The foregoing recitals are hereby ratified, adopted, and incorporated herein as findings and determinations of the Board of Trustees.

Section 2. Budget Amendment. The Fiscal Year 2025–2026 Budget for the Water Resources Fund (Fund 9800) is hereby amended to provide for the receipt and appropriation of unanticipated revenues as set forth below:

REVENUE (Fund 9800 – Water Resources Fund)

<u>Account Number</u>	<u>Description</u>	<u>Current Budget</u>	<u>Adjustment</u>	<u>Amended Budget</u>
9800.9898710.334337	St Gr-Conservation	\$ 0	\$ 10,000	\$ 10,000

EXPENDITURE (Fund 9800 – Water Resources Fund)

<u>Account Number</u>	<u>Description</u>	<u>Current Budget</u>	<u>Adjustment</u>	<u>Amended Budget</u>
9800.9898710.830340	Contractual Services	\$1,199,016	\$ 10,000	\$1,209,016

Section 3. Implementation. The Executive Director and such other staff of the Lake County Water Authority as may be necessary are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution and to implement the budget amendment authorized herein.

Section 4. Conflicts. All resolutions or portions of resolutions in conflict herewith are hereby repealed to the extent of such conflict.

Section 5. Severability. If any section, subsection, sentence, clause, phrase, or provision of this Resolution is for any reason held invalid or unconstitutional by a court of competent jurisdiction, such holding shall not affect the validity of the remaining portions of this Resolution.

Section 6. Effective Date. This Resolution shall become effective immediately upon adoption.

PASSED AND ADOPTED this _____ day of _____, 2026.

LAKE COUNTY WATER AUTHORITY
LAKE COUNTY, FLORIDA

Chairman Robert “Butch” Hendrick

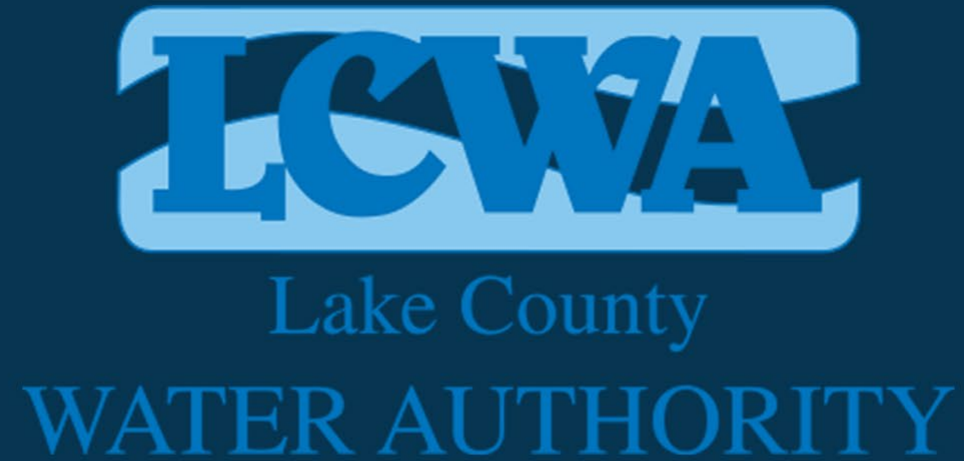
This _____ day of _____, 2026.

ATTEST:

Gary J. Cooney, Clerk
Board of County Commissioners
of Lake County, Florida

Approved as to form and legality:

Jimmy Crawford
Board Attorney



UNANTICIPATED REVENUE RESOLUTION (URR) FOR WATER QUALITY STUDY PARTICIPATION

June 17, 2026

WATER QUALITY STUDY PARTICIPATION

- Florida Gulf Coast University (FGCU) was awarded a Legislative Appropriation in FY 2024-2025 to conduct a comprehensive, statewide water quality study.
- Lake County Water Authority (LCWA) personnel partnered with FGCU to respond to the survey.
- For participating, the LCWA earned \$10,000.
- To accept the funds and amend the current fiscal year budget, the Board of Trustees is required by Florida Statute to adopt a resolution.

Executive Director's Recommendation:

Recommend adoption of an Unanticipated Revenue Resolution (URR) to accept \$10,000 and amend the Water Resources Fund in the Fiscal Year 2026 budget.



**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

27351 SR 19 • Tavares, Florida 32778-4251 • (352) 324-6141 • Fax (352) 324-6364 • email: info@lcwa.org • www.lcwa.org

TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Sean Beaudet, Grants Program Manager

DATE: June 12, 2026

RE: Update on M-1 Dam Repairs

Regular Agenda – Tab 10

Update on M-1 Dam Repairs

Hurricane Milton was a major hurricane which directly impacted Lake County in October 2024. A federal emergency declaration was issued and given the event designation, DR4834. As a result, the Lake County Water Authority (LCWA) was eligible to pursue grant funding through the Federal Emergency Management Assistance (FEMA) Public Assistance (PA) Program.

The Board of Trustees approved the PA Subgrant Agreement at the February 2025 regular meeting and staff have been working with FEMA personnel to identify the damages, develop projects for submission, and submit those projects for reimbursement. Staff last provided an update at the January 21, 2026 meeting on the reimbursements received to date.

This update is to share that the M-1 dam repairs are now complete.

Executive Director's Recommendation:

No action required. For informational purposes only.

BOARD OF TRUSTEES

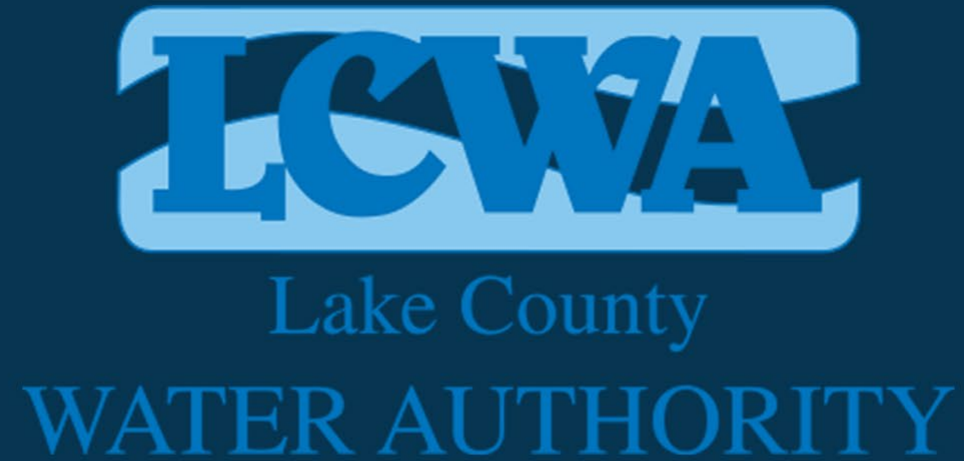
Gavin Rollins
District 1

Trampis Bonjorn
District 2

Birdie Zenishek
District 3

Butch Hendrick
District 4

Jonathan Germeroth
District 5



UPDATE ON M-1 DAM REPAIRS

June 17, 2026

UPDATE ON M-1 DAM REPAIR



M-4 Weir



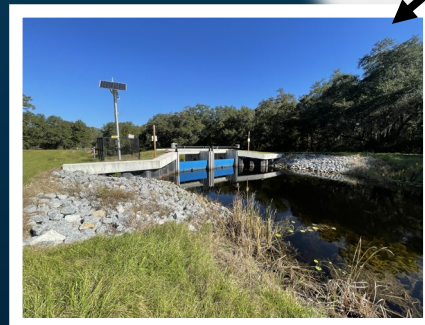
M-1 Weir



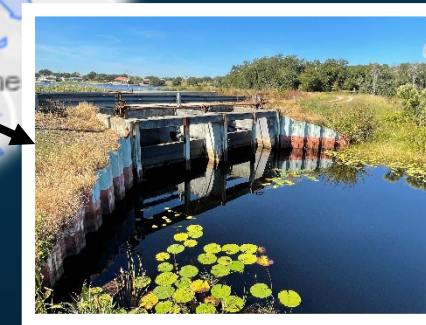
M-5 Weir



M-6 Weir



Villa City Dam



Cherry Lake Dam

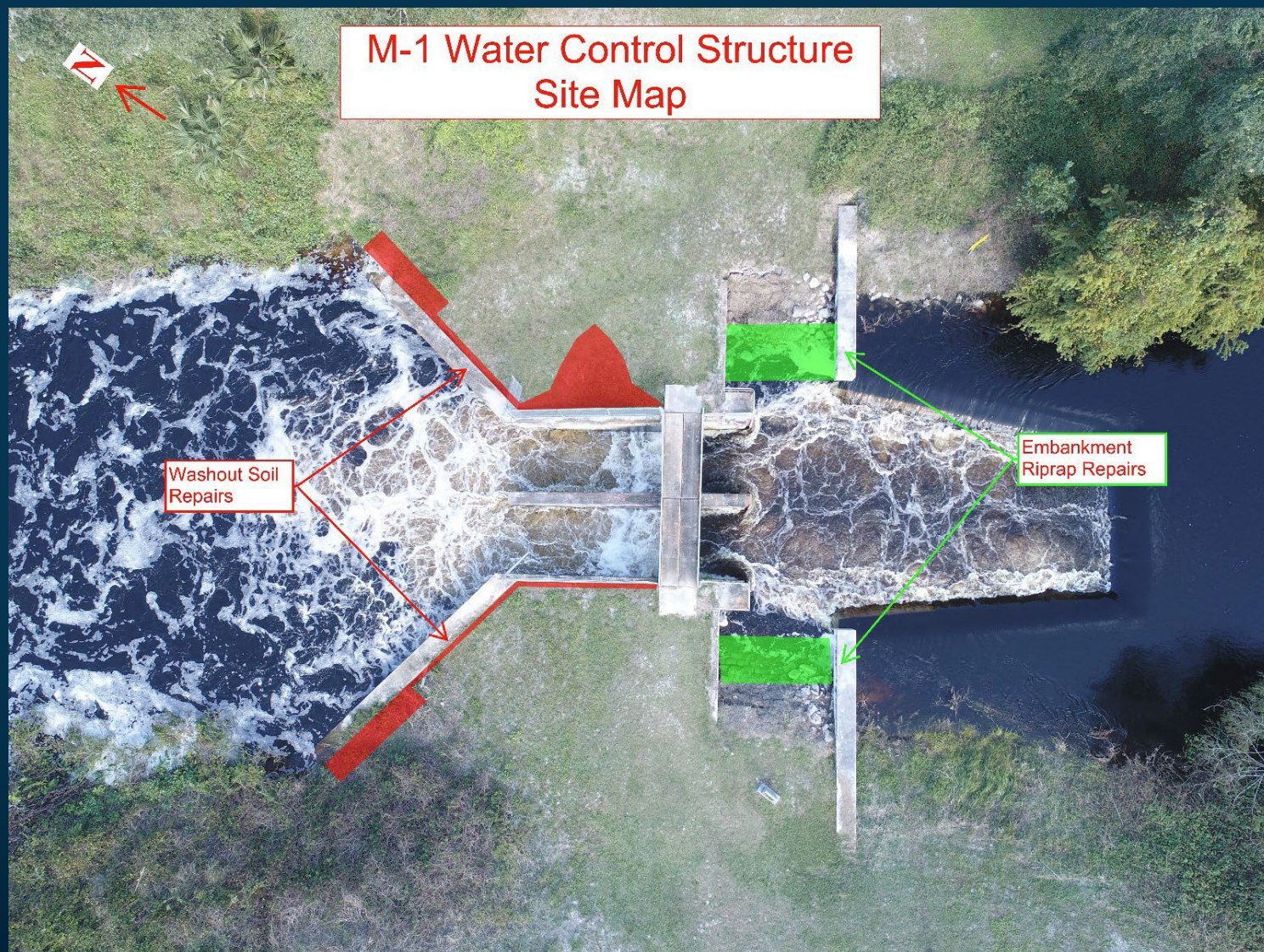
- 2 Dam Sites
- 4 Weir Sites
- 2 Control Boxes
- Flow ←



UPDATE ON M-1 DAM REPAIR

- Request for Quotation (RFQ) was released in March and project awarded to Boulevard Contractors Corp in the amount of \$124,520.
- Repairs included those authorized by the Federal Emergency Management Agency (FEMA), as well as additional site work to bring the earthen embankments back to original condition.

UPDATE ON M-1 DAM REPAIR



UPDATE ON M-1 DAM REPAIR



UPDATE ON M-1 DAM REPAIR





**Lake County
WATER AUTHORITY**

Bobby Bonilla, Executive Director • Gary J. Cooney, Secretary - Treasurer

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TO: Lake County Water Authority Board of Trustees

THROUGH: Bobby Bonilla, Executive Director

FROM: Marcia Bush, Associate Director, Water Resources

DATE: June 12, 2026

RE: Trustee Zenishek – District #3 June 12, 2026 Heartland League of Cities Meeting Report

Regular Agenda – Tab 11

Heartland League of Cities Meeting Report

Vice Chair Birdie Zenishek attended and presented on behalf of the Lake County Water Authority at the Heartland League of Cities Meeting held on June 12, 2026.

The presentation provided an overview of the Authority’s mission, programs, and ongoing initiatives focused on protecting and improving Lake County’s water resources. The presentation highlighted the Authority’s collaborative approach to protecting water resources while supporting environmental, recreational, and economic needs of Lake County residents and visitors.

A copy of the presentation is attached for the Boards information and reference.

Executive Director’s Recommendation:

1. For Board information.

BOARD OF TRUSTEES

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District 2

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District 3

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District 4

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District 5