



Lake Killarney Board Regular Meeting

Agenda

August 23, 2023 @ 8:30 am

welcome

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assistance & appeals

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"If a person decides to appeal any decision made by the Board with respect to any matter considered at this hearing, a record of the proceedings is needed to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based." (F.S. 286.0105).

please note

Times are projected and subject to change.

-
1. **Call to Order**
 2. **Consent Agenda**
 - a. [Approve minutes of the regular meeting August 2, 2023](#) 1 minute
 3. **Public Comments (for items not on the agenda): Three minutes allowed for each speaker**
 4. **Public Hearings**
(Public participation and comment on these matters must be in-person.)
 5. **Action Items**
 6. **Non-Action Items**
 7. **Staff Updates**
 - a. [Lakes Management](#) 10 Minutes
 - Water Quality
 - Side Setback Waiver Form
 - Update on Florida Department of Environmental Protection (FDEP) for Docks
 - Maintenance and Efforts
 - Sediment Removal Schedule for Natural Resource Conservation Services (NRCS)
 - Telemetry Station Update
 - Drainwell Update
 - b. [Stormwater Management](#) 10 Minutes
 - CIP Update
 - Infrastructure Projects
 - Street Sweeping Update
 - Lake Front Construction

Follow-Up Items:

 - BMP Feasibility Study
 - Outfall Condition Update
 - c. [Orange County Update](#) 10 Minutes
 8. **Board Comments**
 - a. [Discussion of Public Comments Received](#) 5 Minutes

9. Upcoming Agenda Items

- | | |
|-------------------------------------|-----------|
| a. Upcoming Agenda Items | 5 Minutes |
| b. Summary of Meeting Actions Items | 5 Minutes |

10. Adjournment



item type	Consent Agenda	meeting date	August 23, 2023
prepared by	Tatia Ghviniashvili	approved by	
board approval			
strategic objective			

subject

Approve minutes of the regular meeting August 2, 2023

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

[Draft Minutes.pdf](#)



Lake Killarney Board Meeting Minutes

August 02, 2023 at 10:00 a.m.

City Hall, Commission Chambers
401 Park Avenue | Winter Park, Florida

Present

Jeanne Wall, William Voecks, David Dickerson, Carolyn Minear, Joyce Cunningham, Jason Ellison, and Ellen Hencken.

Staff Present

Assistant Director of Public Works Don Marcotte; Public Works Engineers Shannon Monahan; Lakes Division Manager Joseph Cordell; Natural Resources & Sustainability Coordinator Victoria Tabor; Virtually: Board Coordinator Tatia Ghviniashvili.

Also Present

Virtually: Senior Environmental Specialist of Lakes Management at Orange County Nidia Volpe.

1) Call to Order

The meeting was called to order at 10:00 a.m.

2) Consent Agenda

- a. Approve minutes of the regular meeting June 28, 2023

In the second paragraph of page five, clarify what the "western proposal" is referring to (the western part of the city which includes Lake Killarney). Under section 9, upcoming agenda items, include Blue Heron Dr. update from Orange County and change Lake Dr. to Killarney Dr. In the same section, spell out all acronyms for the benefit of the public: CRS, CRA, CIP, NRCS and BMP.

**Motion made by William Voecks to approve the minutes as amended;
Seconded by David Dickerson. Motion carried unanimously with a 7-0 vote**

3) Public Comments (for items not on the agenda):

There were none.

4) Public Hearings (Public participation and comment on these matters must be in-person.)

- a. Seawall Application Permit (SAP-2023-0020) 2024 Lake Dr.

Staff provided background information for the permit application, and noted it was previously passed before this board, however; the applicant has requested a revision to

the permit application. Staff recommendation is to deny the application based on the grounds that the requested revision does not comply with City Code.

The board asked various questions about the application and Sheila Cichra, Streamline Permitting, along with staff, made all necessary clarifications and explained the reasoning behind the request.

Motion made by William Voecks to agree with staff recommendation to deny the permit revision based upon City Code requirement; seconded by Joyce Cunningham. Motion carried unanimously with a 7-0 vote.

5) Action Items

There were none.

6) Non-Action Items

There were none.

7) Staff Updates

a. Lakes Management

Water quality data for the month of April was provided, and based on board feedback, staff will continue to include the phosphorus and nitrogen thresholds on the graphs, as well as spell out the acronym of TSI (Trophic State Index). The board asked questions about the data presented and staff highlighted that the phosphorus levels in the cove are starting to recover, however, nitrogen continues to linger. Further questions were asked about how the thresholds are measured and what source that information is gathered from. Staff will provide material at the next meeting to educate the board on how the thresholds are calculated.

An update was provided on the progress of the Natural Resources Conservation Services (NRCS) funded sediment removal, with staff highlighting that the contractor is currently working on the Winter Park Pines Golf Club, and once completed, will move to work on Lake Killarney.

About 125 gallons of debris and 40 gallons of trash have been removed from the lake. A discussion ensued about where the debris/trash originates from, and staff explained that most of it is a result of stormwater drains and parking lot washout.

A new Side Setback Waiver form, requested at the previous meeting, was presented. Ms. Wall noted that the deliverable was missing a cover page and an attached City Ordinance, along with signed and dated plans (checklist), for complete transparency and understanding to residents. Staff will put together the deliverables requested and present to the board at the next meeting.

Staff has reached out to the Florida Department of Environmental Protection (FDEP) regarding dock requirements, however, has yet to hear back. The board will be kept updated every meeting.

Telemetry stations are expected to be received by the end of August, at which time they will be installed and ready for use. There will be one telemetry station per lake, at every major lake in the city.

New risers have been installed on the drain wells, as discussed in previous meetings, and staff provided photographs. On July 27, the lake level measured at 81.7 ft. and on July 31 it was 81.4 ft. A brief discussion followed and the board asked questions.

The updated Flood Management Guide will be discussed at the next meeting to give the board sufficient time to review it.

A discussion followed about lily pads on the lake, and staff explained that the city does not treat lily pads unless they come out far into the lake and impede navigation/pose a safety concern. Residents are free to put in a shoreline treatment permit and would have to hire an outside contractor to treat/remove them.

b Stormwater Management

Staff gave updates on various on Capital Improvement Projects (CIP). The Nicolet Pond project requires a permit, so staff will conduct further discussion with the St. John's River Water Management District pertaining to this. An exemption is expected for the Killarney Dr. project, and staff is acquiring an additional survey to finish the design on the pipe that needs to be replaced at that location (discussed in further detail in previous meetings). A meeting was held with a consultant regarding the Lake Bell weir outfall improvement project, and a scope of services is being drafted.

The 2024-28 CIP 5 Year Plan will be moved forward to the Lakes and Waterways Board along with the City Commission. Final approval of the plan will be on October 1, 2023. A brief discussion was held and the board asked questions. Staff will add the document into the agenda packet following this meeting.

A map with lakefront construction was presented, noting that 2146 Lake Dr. was a new boathouse install. Staff explained that the properties/construction information gets pulled from the permit database and only those who's permits have been issued are represented.

Ms. Wall provided an update to the Library and Event Center Stormwater Management As-Builts. She noted that the As-Builts should have been provided under the contracts. Ms. Wall also spoke on her recommendation to the City Commission to hire a sink-hole expert to analyze the soil before deciding on proceeding with any new parking-lot construction/expansion at the Library and Event Center. A brief discussion followed.

Staff gave an update about the status of increasing the capacity at MLK Jr. Park pond, noting that no further expansion will be completed until a study has been completed.

A discussion ensued about the comments submitted by the board regarding the Community Rating System (CRS) discussion from the previous meeting. Staff read the comments/questions and addressed each one. A discussion ensued about the final

presentations, and Ms. Wall feels it should be given to the City Commission by Geosyntec themselves, and not synthesized through staff.

Motion made by Jeanne Wall to strongly recommend to staff that Geosyntec presents the memorandum and findings of the study directly to the City Commission at a Commission meeting; seconded by William Voecks. Motion carried unanimously with a 7-0 vote.

c. Orange County Update

Ms. Volpe noted there are no updates to give about the Killarney Dr. pipe replacement project, but she will keep the board updated. She also highlighted that a proposal has been received for the sandbar on Blue Heron Dr. and she is working with procurement to receive a piggyback contract between Orange County and Chuck Robinson Concrete & Bobcat Inc.

In June, an inspection at the intersection of Killarney Dr. and Ohio St. had found a collapsed pipe and public works is working on repairs. Fourteen curb inlet baskets have been removed due to complaints of flooding in that area, and once the pipe has been replaced/repared, there will be a determination to whether the curb inlet baskets will be replaced. The board will be kept updated moving forward.

8) Board Comments

Mr. Ellison asked staff if there is a phone number to use when reporting pool pollution. Staff noted that reports can be addressed directly with Ms. Monahan or through the public work's mainline- which will redirect to the appropriate person. The phone number will be provided at the next meeting. Mr. Ellison also asked about the status of canal sediment removal and staff noted Lake Killarney/canal are next for the contractor.

Ms. Cunningham spoke on the street sweeping review she has been conducting with the city, and noted that she had a physical observation of the process in her neighborhood. Staff will check the status of the street sweeping contact as it relates to the budget and will update the board at the next meeting.

Ms. Minear spoke about how the city conducts trash pickups twice a week- instead of one- which is costlier to the residents. She asked if this schedule is due to hazards or safety concerns. Staff will connect Ms. Minear with the Sustainability Division to further explain the process and help educate.

Mr. Ellison asked about what lakefront projects are appropriate for acquiring a permit and staff made the necessary clarifications.

a. Discussion of Public Comments Received

No public comments were received; therefore, no discussion was held.

9) Upcoming Agenda Items

a. Upcoming Agenda Items

- Water quality background presentation (thresholds).
- Follow-up with businesses about trash areas.
- Cover sheet, Ordinance and checklist for permits.
- Update of a survey conducted for lilies and their effect on navigation.
- Update on the Florida Department of Environmental Protection (FDEP) for docks.
- Dredging timeline update for NRCS.
- Telemetry station update.
- Drain well update.
- CIP list/updates for infrastructure projects.
- Lake front construction.
- Outfall condition update.
- Library and Event Center Stormwater As-Builts update.
- Street sweeping update.

All regular staff updates will carry over every month.

b. Summary of Meeting Action Items

Minutes from the previous meeting have been approved with amendments made.

A recommendation was made for Geosyntec to present the memorandum and findings of the study directly to the City Commission at a Commission meeting.

10) Adjournment

The meeting adjourned at 12:00 p.m.

Minutes approved by the board on _____.
/s/ Tatia Ghviniashvili, Board Coordinator



Lake Killarney Board

agenda item

item type Staff Updates	meeting date August 23, 2023
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Lakes Management

item list

- Water Quality
- Side Setback Waiver Form
- Update on Florida Department of Environmental Protection (FDEP) for Docks
- Maintenance and Efforts
- Sediment Removal Schedule for Natural Resource Conservation Services (NRCS)
- Telemetry Station Update
- Drainwell Update

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

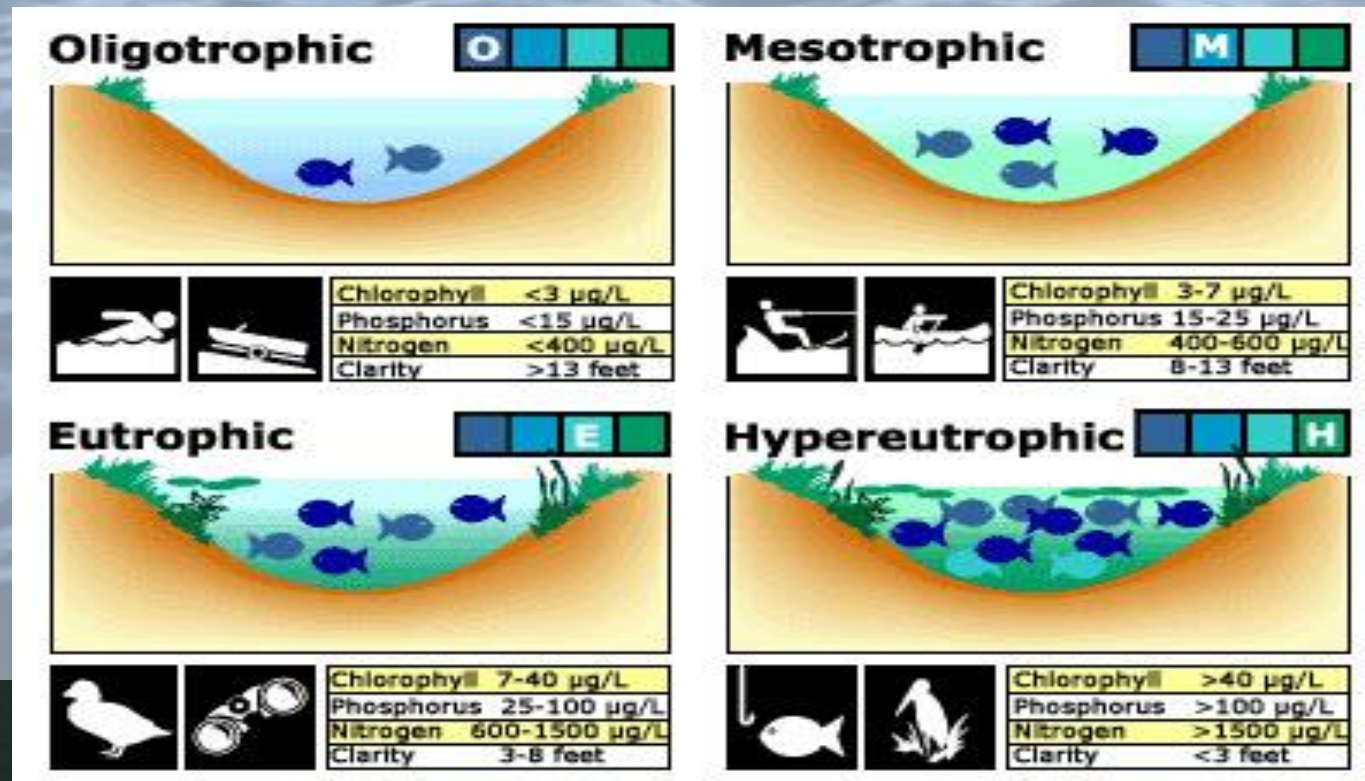
[Lake Update 08.23.2023](#)

LAKE UPDATE:

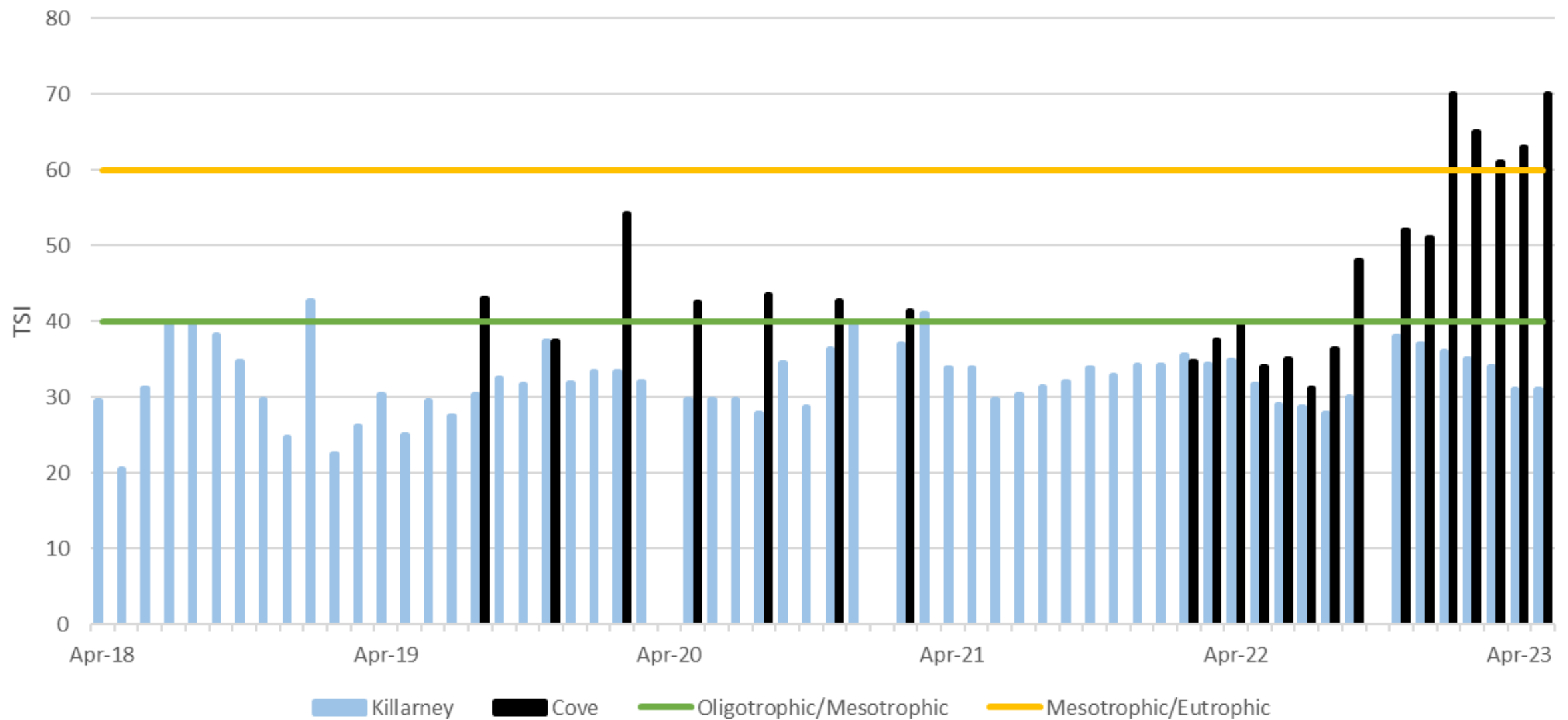
- Water Quality Threshold Background
- Side Setback Waiver Form
- Florida Department of Environmental Protection (FDEP) Dock Requirements
- Maintenance and Efforts:
- Telemetry Station Updates
- Drainwell Update

Water Quality Thresholds Background

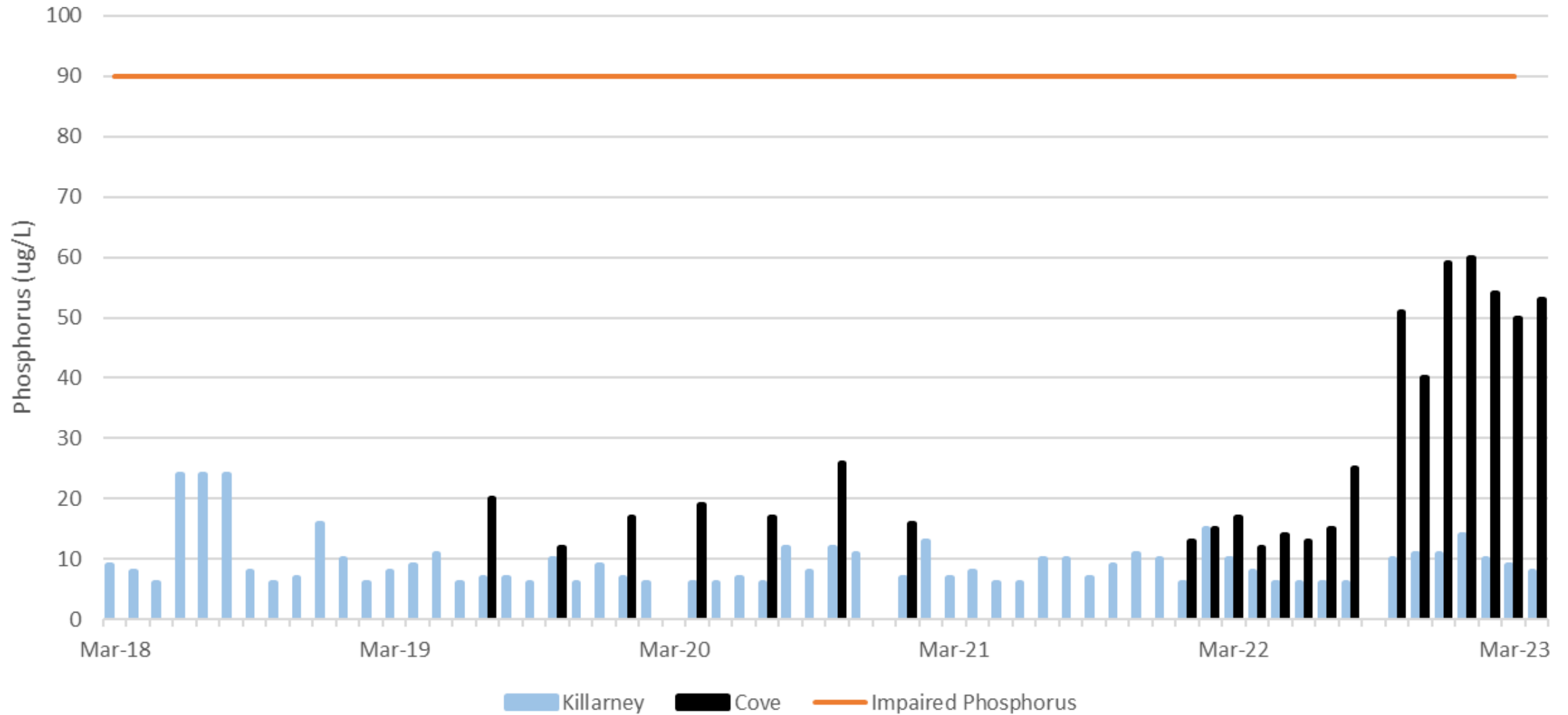
- [Water Atlas - Orange County](#)
- <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-302>



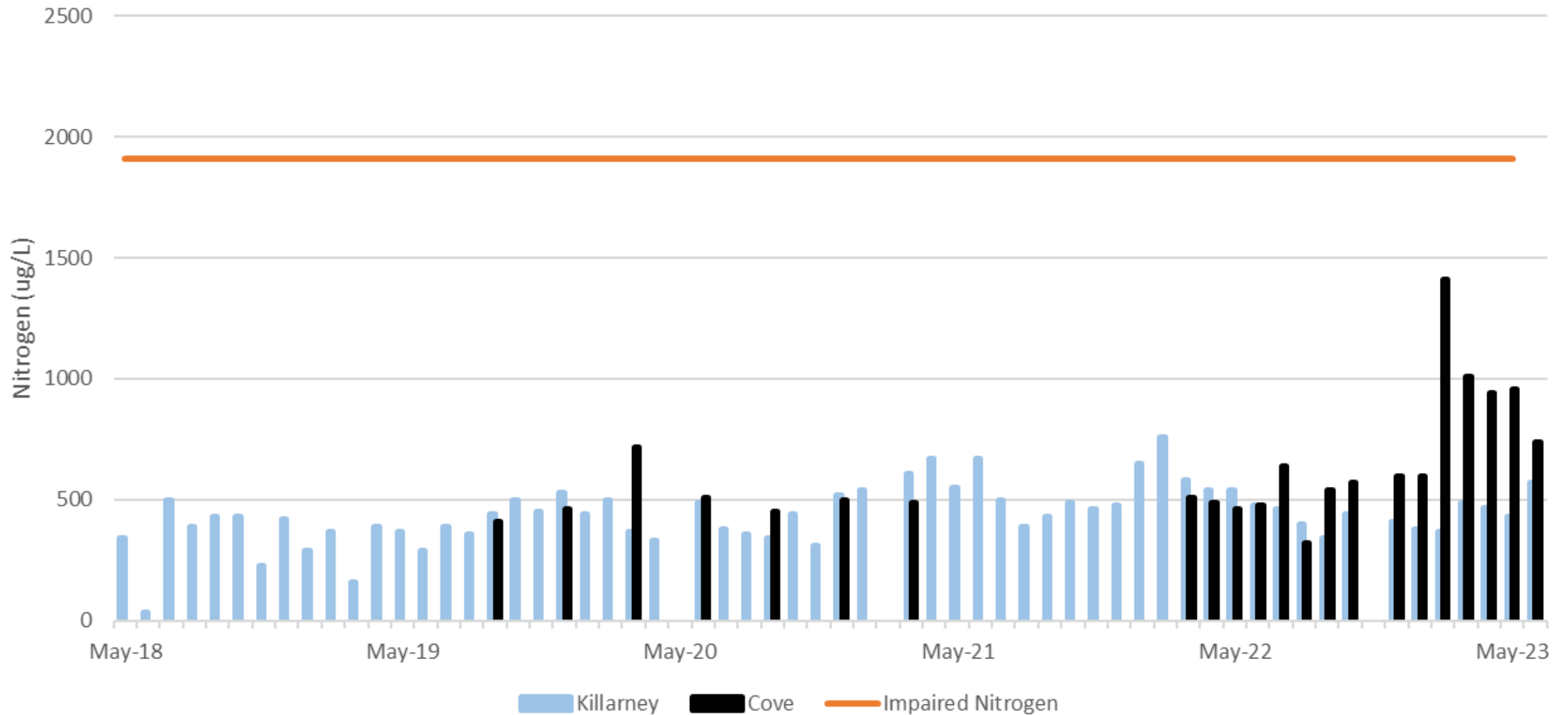
Trophic State Index (TSI) Comparison



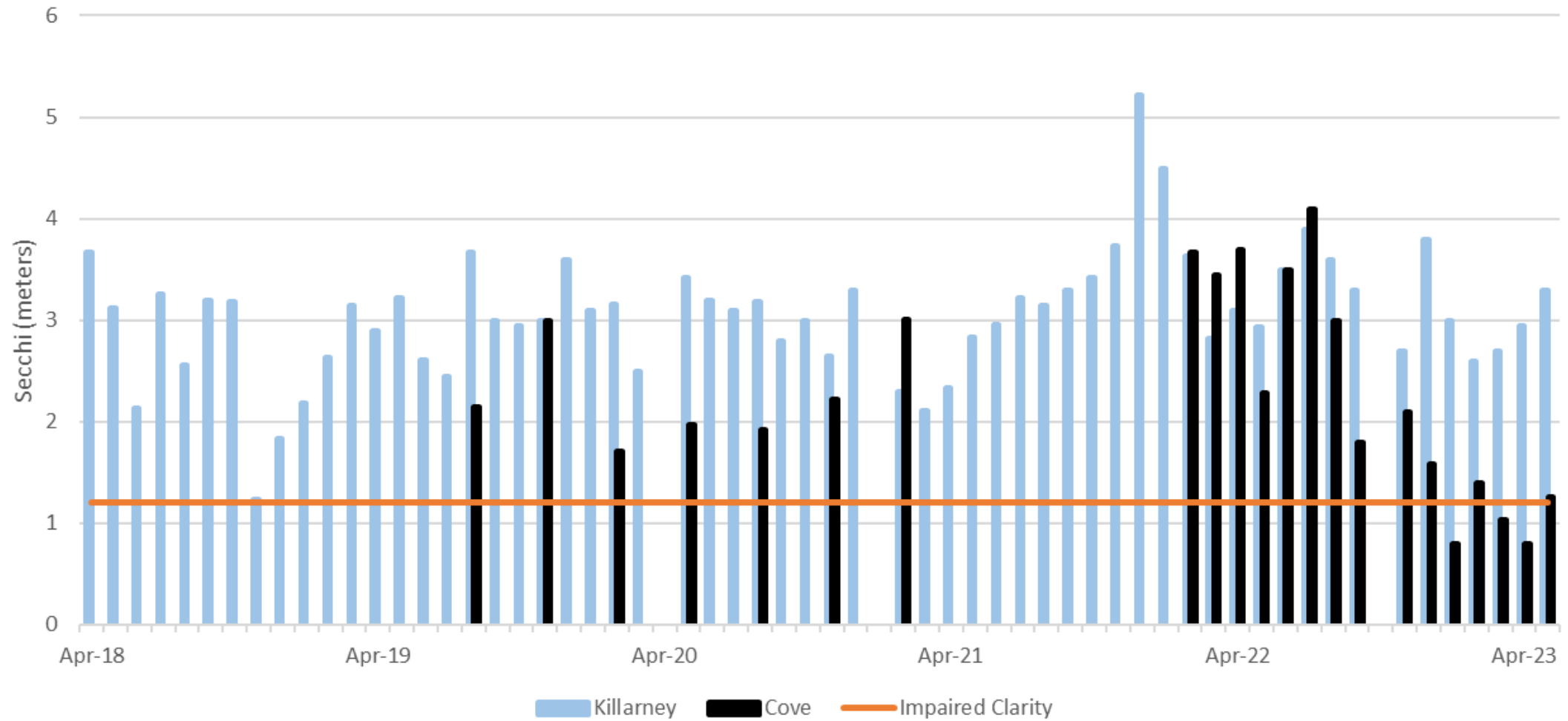
Phosphorus Comparison



Nitrogen Comparison



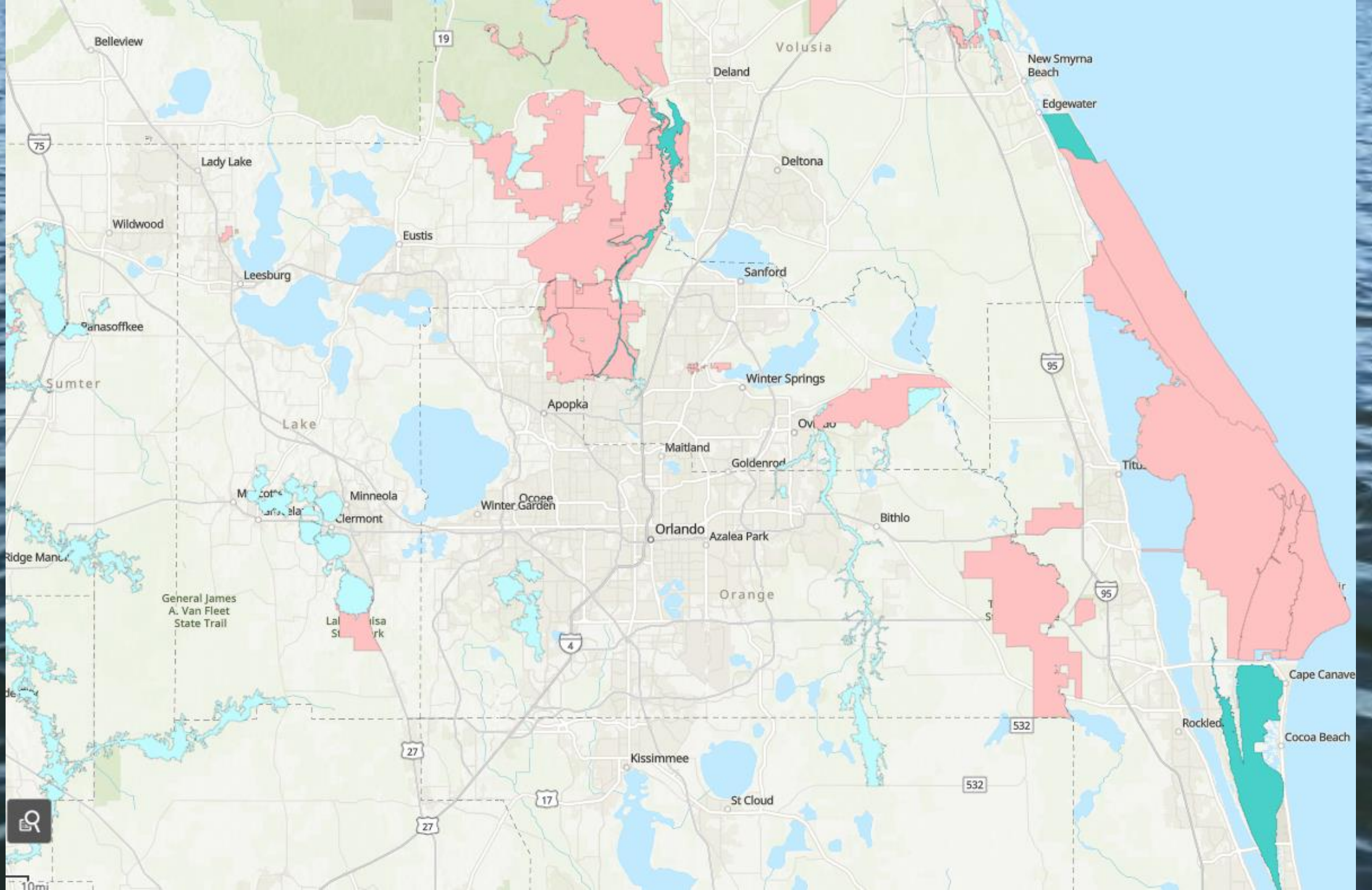
Clarity Comparison



FL Dept of Environmental Protection Dock Regs

- FDEP only regulates docks over 1000 sqft or docks built in Outstanding Florida Waters or in Aquatic Preserves.
- In Aquatic Preserves: Four foot wide walkways that must be 5' above water level to allow for light to reach vegetation under the structure. Only as long as needed to reach 4' of water depth. No walls or enclosures allowed. Terminal platform to 160 sqft.

[FDEP Dock Guidance](#)



Maintenance and Efforts

- Risers were monitored multiple times a week to insure desired lake level was reached.
- Treatments were applied for algae and water hyacinths.
- 35 gallons of vegetation removed from drain wells.
- 165 gallons of debris removed from leaf traps.

Telemetry Stations

- 24 stations have been ordered and are due to be delivered by the end of August.



item type Staff Updates	meeting date August 23, 2023
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Stormwater Management

item list

- CIP Update
- Infrastructure Projects
- Street Sweeping Update
- Lake Front Construction

Follow-Up Items:

- BMP Feasibility Study
- Outfall Condition Update

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

SW Update 8.23 V2

Stormwater Staff Update

Lake Killarney Advisory Board

ACCT #	CIP Title & Description	Original Year Funded	Current Balance	Status/Comments
565200	Drainage Improvements - Recent years of unusually heavy rainfall events have revealed several substandard drainage conditions in various locations throughout the City.	Annually Funded	\$77,041	Several in-house drainage improvements projects for 2023-24 - Completed replacement of 70ft of 24 inch RCP crossing Joeline Court, and 120ft of 18 inch HDPE at the north end of Laurel Road. Upcoming - add another inlet and outfall pipe at 1622 Arbor Park Drive, increase pipe size at 1642 Arbor Park Drive, storm pipe replacement/relocate at 2601 & 2631 Temple Drive.
				1) <u>Palmer at Old England outfall repair</u> - Stormwater outfall pipe replacement required. Design is 30% complete.
				2) <u>Stormwater Outfall Dredging</u> - The City recently entered a new contract, dredging on several stormwater outfalls is scheduled to begin in August 2023.
				3) <u>Ward Park ponds construction</u> - Estimated cost \$150k. NE and NW Pond excavation and sodding is complete. The piping to be installed in August 2023.
				4) <u>357 E Lake Sue Ave</u> - Increase storm sewer inlet capacity at the low point in Lake Sue Ave.
565203	Lk. Bell Weir Outfall Improvements -	2009	\$69,223	Repairs may be required on the Lake Bell outfall weir. Met with consultant on June 30, 2023, scope of services is being revised.
565221	Seminole County Ditch Piping (along Arbor Park Dr) – Drainage ditch behind the homes along Arbor Park Drive has a shared drainage basin with Seminole County. Funding is provided for the design and construction to pipe the ditch.	2016	\$733,395	The Interlocal Agreement was approved by the City Commission and by the Seminole County Commission. 60% plans completed and submitted to Seminole County. Process to permit with SJRWMD currently underway.
565205	Nicolet Ave Stormwater Pond – complete the design and construction of a stormwater treatment pond on City purchased properties located at 796 & 808 Nicolet Avenue	2023	\$200,000	Commission approved \$200,000 in the City's FY'23 budget. SJRWMD permit exemption is being requested.
	TOTALS			
3023406	ACTIVE STORMWATER CIP's		\$1,079,658.79	BALANCE TOTAL

Stormwater Staff Update

Lake Killarney Advisory Board

- Infrastructure Projects
 - Nicolet Pond
 - Killarney Dr Pipe Replacement
 - Update on Lake Bell Weir Meeting
- Street Sweeping Update

Stormwater Staff Update

Lake Killarney Advisory Board



Stormwater Staff Update

Lake Killarney Advisory Board

- Follow-up items:
 - BMP feasibility study for Killarney Dr Outfall Consolidation (when available)
 - Outfall Condition Update



Lake Killarney Board

agenda item

item type Staff Updates	meeting date August 23, 2023
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Orange County Update

motion / recommendation

background

alternatives / other considerations

fiscal impact



Lake Killarney
Board

agenda item

item type Board Comments	meeting date August 23, 2023
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Discussion of Public Comments Received

motion / recommendation

background

alternatives / other considerations

fiscal impact



Lake Killarney
Board

agenda item

item type Upcoming Agenda Items	meeting date August 23, 2023
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Upcoming Agenda Items

motion / recommendation

background

alternatives / other considerations

fiscal impact



Lake Killarney
Board

agenda item

item type Upcoming Agenda Items	meeting date August 23, 2023
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Summary of Meeting Actions Items

motion / recommendation

background

alternatives / other considerations

fiscal impact