



Lake Killarney Board Regular Meeting

Agenda

December 7, 2022 @ 10:00 am

City Hall Commission Chambers

401 S. Park Ave

Winter Park, FL 32789

welcome

Agendas and all backup material supporting each agenda item are accessible via the city's website at cityofwinterpark.org/bpm and include virtual meeting instructions.

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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 the minutes of the regular meeting, November 2, 2022. 1 Minute
 - b. Approve the minutes of regular meeting, October 5, 2022 (tabled from November 2, 2022). 2 Minutes
 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**
 - a. Dock Party Neighborhood Engagement Event Location 5 Minutes
 7. **Staff Updates**
 - a. Lakes Management 10 Minutes
 - b. Stormwater 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 Action Items 5 Minutes
 10. **Adjournment**



item type	Consent Agenda	meeting date	December 7, 2022
prepared by	Tatia Ghviniashvili	approved by	
board approval			
strategic objective			

subject

Approve the minutes of the regular meeting, November 2, 2022.

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

[Draft Minutes_.pdf](#)



Lake Killarney Board Meeting Minutes

November 2, 2022 at 10:00 a.m.

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

Present

In person: William Voecks, Carolyn Minear, Joyce Cunningham; Virtually: David Dickerson; Board Coordinator Tatia Ghviniashvili.

Absent

Jeanne Wall, John Mitchell, and Jason Ellison.

Staff Present

Natural Resources & Sustainability Director Gloria Eby; Assistant Director of Public Works Don Marcotte; Public Works Engineer Shannon Monahan; Lakes Division Manager Joseph Cordell; Lakes Division Administrative Coordinator Victoria Tabor.

1) Call to Order

Vice chair Voecks called the meeting to order at 10:06 a.m. With the absence of Jeanne Wall, John Mitchell, and Jason Ellison a physical quorum was not met; therefore, no action was taken.

2) Consent Agenda

- a. Approval of Meeting Minutes October 10, 2022

Deferred to next meeting due to lack of quorum.

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

Taylor McDonna, 2985 Grandfield Circle, presented on WinterParkSunshine.org, a grant-based research project conducted by the University of Central Florida's Nicholson School of Communication's Journalism program. The project seeks to look at civic engagement and news gathering habits of citizens of Winter Park through interviews and data collection. She asked for public participation in the interview process.

4) Public Hearings

5) Action Items

6) Non-Action Items

- a. Update on variance authority for docks/boathouses/gazebos on Lake Killarney.

Planning & Transportation Director Jeffrey Briggs, presented on a change in variance authority. An ordinance will be presented to the Commission for consideration that will transfer authority for approval/denial of all dock, boathouse, and gazebo applications, including those with variances requested from the Board of Adjustment (BA) to the LKB.

- b. Hurricane Preparedness Plan - Lakes

Joseph Cordell shared the Lakes Division Hurricane Emergency Plan; which was updated to reflect current staff. Mr. Voecks asked about storage practices of Lakes Division equipment, and Mr. Cordell clarified they are stored on site at the Public Works Compound by the Lakes Division office.

- c. Hurricane Preparedness Plan - Streets

Don Marcotte gave a brief presentation on the Streets Division Hurricane Preparedness Plan. He highlighted a potential plan to remove drainwell collars from Lake Killarney prior to a severe weather event and explained the advantages and disadvantages to drainwell collar removal.

Mr. Marcotte responded to questions explaining responsibilities of the Streets Division such as, clearing out storm drains during or immediately after a storm, and clearing out large debris such as trees.

A brief discussion followed and an agreement was made for staff to draft a plan for drainwell collar removal, and present it to the board at a future date.

- d. FEMA CRS - Stormwater Update

Shannon Monahan presented an overview of the FEMA Community Rating System (CRS) as requested at the October 5, 2022 meeting. She explained that the CRS is part of the National Flood Insurance Program (NFIP) and if qualified, applicable properties can receive a discount on Federal flood insurance provided by NFIP. In order for business owners and residents to qualify, interested municipalities must participate in CRS and complete a variety of tasks. Those can include public information activities, outreach projects, hazard disclosures, warning and response

activities, etc. Tasks are associated with a point and class system, with difficult tasks carrying more points as opposed to small ones.

Ms. Monahan advised the board that the Building Department is actively reviewing the CRS program on behalf of the City of Winter Park.

A discussion followed, and Ms. Monahan and Ms. Eby answered questions to further clarify what the CRS is and how it would work. Staff agreed to keep the board updated as needed on the matter.

7) Staff Updates

a. City Clerk's Office Update

City Clerk Rene Cranis gave a brief update on the transfer of administrative board support to the City Clerk's Office and introduced Board Coordinator Tatia Ghviniashvili.

b. Lakes Management

Mr. Cordell presented the board with various updates to the lakes. Previously scheduled pondweed and hydrilla treatments were postponed due to weather conditions but have been rescheduled. Removal of floating material in the cove was completed on October 25, 2022. Mr. Cordell also presented on post Hurricane Ian efforts, which included maintenance of drainwells and Carp barriers.

Following Hurricane Ian, samples of Fecal Coliform and E. Coli were taken on four different dates in October. The results showed a decrease in numbers as the date progressed, and did not exceed any health regulations. Mr. Cordell indicated another round of sampling was done on October 31, however, at the time of this meeting results were not received.

Other information presented by Mr. Cordell included water clarity, nitrogen, phosphorus, and trophic state index (TSI) comparison charts for Lake Killarney and cove. He also presented various bio-based maps measuring bathymetry, vegetation, and density/bottom hardness.

A brief discussion followed about reducing vegetation for boat navigation safety, and restocking fish into the lake.

Ms. Eby followed up with a brief presentation on the National Resources Conservation Service (NRCS), which is an environmental storm impact assistance program that provides funding for retrofitting, remediating, and clearing debris. Staff conducted data assessment which included a complete inventory of environmental storm related damages to assess eligibility for funding. A

submission for assistance was made, but eligibility has not yet been determined by NRCS at the time of this meeting.

c. Stormwater Update

Mr. Marcotte gave an update on Capital Improvement Projects (CIP). There is a plan to get a new pipe down on Killarney Drive, and staff will update the board as needed on a design plan. A brief discussion about improvements to Nicolet Pond followed; funding for this project is in the fiscal year 2023 budget.

8) Board Comments

a. Discussion of Public Comments Received

No public comments were received.

Ms. Minear brought up concerns about a sandbar that is blocking docks and posing a danger to boaters and jet skiers. Staff will plan to assess the sandbar and send out communication via MailChimp to residents, making them aware of the potential danger until the issue has been resolved. Ms. Eby will also request Florida Fish and Wildlife (FWC) to install a temporary marker in the water warning boaters and jet skiers of the hazard.

A brief discussion followed on the process to repair damages to docks as a result of Hurricane Ian.

9) Upcoming Agenda Items

a. Upcoming Agenda Items

b. Summary of Meeting Actions

- Consideration for canceling/rescheduling meetings if it is determined in advance that a quorum is not available. (City Clerk's Office recommended cancellation of meetings due to potential scheduling conflicts of staff and commission chambers.)
- Staff will provide a draft document of the drainwell collar removal policy for review.
- Mr. Cordell will work on adding dock repair language assistance and hazard warning for the sandbar through MailChimp communication.

10) Adjournment

The meeting was adjourned at 11:24 a.m.

Minutes approved by the board on _____.

/s/ Tatia Ghviniashvili, Board Coordinator



item type	Consent Agenda	meeting date	December 7, 2022
prepared by	Victoria Tabor	approved by	
board approval			
strategic objective			

subject

Approve the minutes of regular meeting, October 5, 2022 (tabled from November 2, 2022).

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

[1005.22 Lake Killarney Board Meeting Minutes - Draft](#)



Lake Killarney Board Regular Minutes

October 5, 2022, at 10:00 a.m.

City Hall Commission Chambers
401 S. Park Ave. Winter Park

Present

Chair Jeanne Wall, Vice Chair William Voecks, Joyce Cunningham, Carolyn Minear, David Dickerson. Virtual: John Mitchell Absent: Jason Ellison. Also Present: Natural Resources & Sustainability Director Gloria Eby, Lakes Division Manager Joey Cordell, Assistant Director Public Works Don Marcotte, Public Works Engineer Shannon Monahan, Public Works Director Charles Ramdatt, Recording Secretary Victoria Tabor and Conrad Necrason, Vice President of Orange County Lake Killarney Board.

(1) Call to Order

Chair Wall called the meeting to order at 10:02 a.m.

(2) Consent Agenda

- a. Approve the meeting minutes from September 14, 2022.

Mrs. Wall asked the board members for comments or changes and Mrs. Cunningham only had one which was a word was missed spelt. Mrs. Wall distributed a copy of the minutes with her recommended changes, which she reviewed.

Motion made by Carolyn Minear, approve the consent agenda with changes submitted by Chair Wall seconded by Mrs. Cunningham. Motion passed unanimously with a 6-0 vote.

(3) Public Comments

Connie Brashier, from Pillar Engineering, explained that she is a (CFM) Certified Flood-Plain manager, and performs post-storm evaluations for significant structural damage. She encouraged the city to join CRS (Community Rating System) program. An in-depth discussion followed on the CRS program and how it could benefit the city during storm events. Ms. Brashier noted that becoming a member of the program is a lengthy process. Chair Wall suggested moving the discussion to board comments. The consensus was to reorganize the agenda to include the discussion with Ms. Brashier under board comments. No one else wished to speak, public comment was closed.

(4) Board Comments

Chair Wall asked Ms. Brashier to provide clarification on what funding the city could obtain by being a member of the CRS program. Mrs. Brashier reviewed the application process for accreditation and explained that one of the criteria is the city has to have adopted the current Florida building code. She added that there are specific document criteria for drainage structure maintenance and the city would need to renew its certification every year. Ms. Monahan noted that the city is actively looking a program similar to CRS.

Chair Wall suggested making a recommendation to the commission that the city hire someone to look into the stormwater structures on Lake Killarney and any of the lakes that flow into Lake Killarney to provide a report on the conditions of the stormwater systems.

Discussion followed on the adjustment of the weirs. Mr. Marcotte explained that the weirs are at a fixed elevation and only the SJRWMD (St. Johns River Water Management District) can adjust them.

Mr. Necrason noted that he corresponded with staff regarding the six drain wells at Lake Killarney prior to the hurricane and staff responded quickly to prepare for the storm. He added that he took pictures of the water levels before, during, and after the storm at his home. Discussion continued on the maintenance of the drain wells. After discussion, Chair Wall noted that it is the role of the board to make recommendations to the commission.

Motion made by Chair Wall to add a discussion of the CRS program to the November meeting agenda, seconded by Bill Voecks. Motion carried unanimously with a 6-0 vote.

(5) Public Hearings

No public hearings

(6) Action Items

No Action Items

(7) Non-Action Items

Non-Action Items will be discussed during Staff Updates.

(8) Staff Updates

Lakes Management -

Mr. Cordell informed the board on the treatments done on Lake Killarney and the cove in the past month. The team treated the increased hydrilla on Killarney, removed floating eelgrass in the canal and cove, and coordinated with Orange County regarding the pondweed expanding. Staff will provide a water quality report at the November meeting.

Mr. Cordell reported that post-storm, staff has been sampling weekly for E. Coli and bi-weekly for fecal coliform in four locations on the lake, one in the cove and three in the main part of the lake, October 4th was the first round of testing and at that time results were pending. The lakes will remain closed until further notice, reopening the lakes will depend on recovery, contamination, and water levels. Staff will provide a citywide update once test results have been received.

Mr. Zusi spoke about the lift stations that were down during the storm. A third of the stations were out initially and staff reacted quickly to resolve the issue by providing generators at the stations to keep them working. He reviewed pre and post-storm preparation tasks and stated that the water system had been updated since hurricane Charlie, Jean, and Francis. He added that the wastewater systems were working to their top capacity to keep up with water flow and explained how a hydraulic lift station works. He gave an update on the lift station that failed at the Lakeside Plaza and stated that staff is evaluating next steps as this is a private lift station.

Stormwater Management

Mr. Marcotte showed the board an illustration of the elevation of the current water level for Lake Killarney and where the levels should be as well as water levels for different locations in the city. He spoke on how severe flooding was during and after the storm.

Ms. Monahan provided an update on the following:

- Pipe inspection for Killarney Estates during dry season: No update at this time.
- Killarney Drive street condition inspection: Will update November meeting.
- Update from Killarney Estates property manager: The property manager hasn't responded to Ms. Monahan. Staff will work to provide an update for the November meeting.
- Inspection reports for the exfiltration system at the Lakeside Plaza: With property management and ownership the reports were not conducted. The plaza is now working on obtaining a contract with Frank Gay
- As-Built for the stormwater system for the event center and library: This item is pending. Mr. Marcotte noted that there may be a delay due to adjustments.
- Dry Cleaner on 17-92: DEP is working with the property owners about soil remediation as some contaminants were discovered.

Mrs. Joyce Cunningham left the meeting at 12:11 p.m.

(9) Upcoming Agenda Items

Chair Wall asked that the request about the lift station at Lake Side Plaza stated in the minutes for record. The follow documents were not available: - Lakeside Lift Station Operation Maintenance Plan, Lakeside Plaza management records for 3 years, city inspections of private lift stations, and the contract between the Lakeside Plaza and maintenance company. Mrs. Volpe from Orange County noted that her department assisted with post-storm-related issues and how they directed residents to the right department.

Mrs. Wall asked staff if there was a written hurricane plan for the departments. Mrs. Wall made a motion to have staff, as an action plan, to bring to the board next meeting the written hurricane plans for the department seconded by Mr. Voecks. Passed unanimously.

Before the meeting adjourned Mr. Charles Ramdatt introduced himself and gave the board a brief background on his past experience.

(10) Adjournment

Meeting adjourned at 12:23 p.m.

The next meeting is scheduled for Wednesday, November 2nd, 2022 at 10:00 am in the City Hall Commission Chambers.

Minutes approved by the Board on mm/dd/yyyy.

/s/ Recording Secretary Victoria Tabor



Lake Killarney Board

agenda item

item type Non-Action Items	meeting date December 7, 2022
prepared by Victoria Tabor	approved by
board approval	
strategic objective	

subject

Dock Party Neighborhood Engagement Event Location

motion / recommendation

background

alternatives / other considerations

fiscal impact



Lake Killarney Board

agenda item

item type	Staff Updates	meeting date	December 7, 2022
prepared by	Victoria Tabor	approved by	Gloria Eby
board approval	Completed		
strategic objective			

subject

Lakes Management

motion / recommendation

background

alternatives / other considerations

fiscal impact

ATTACHMENTS:

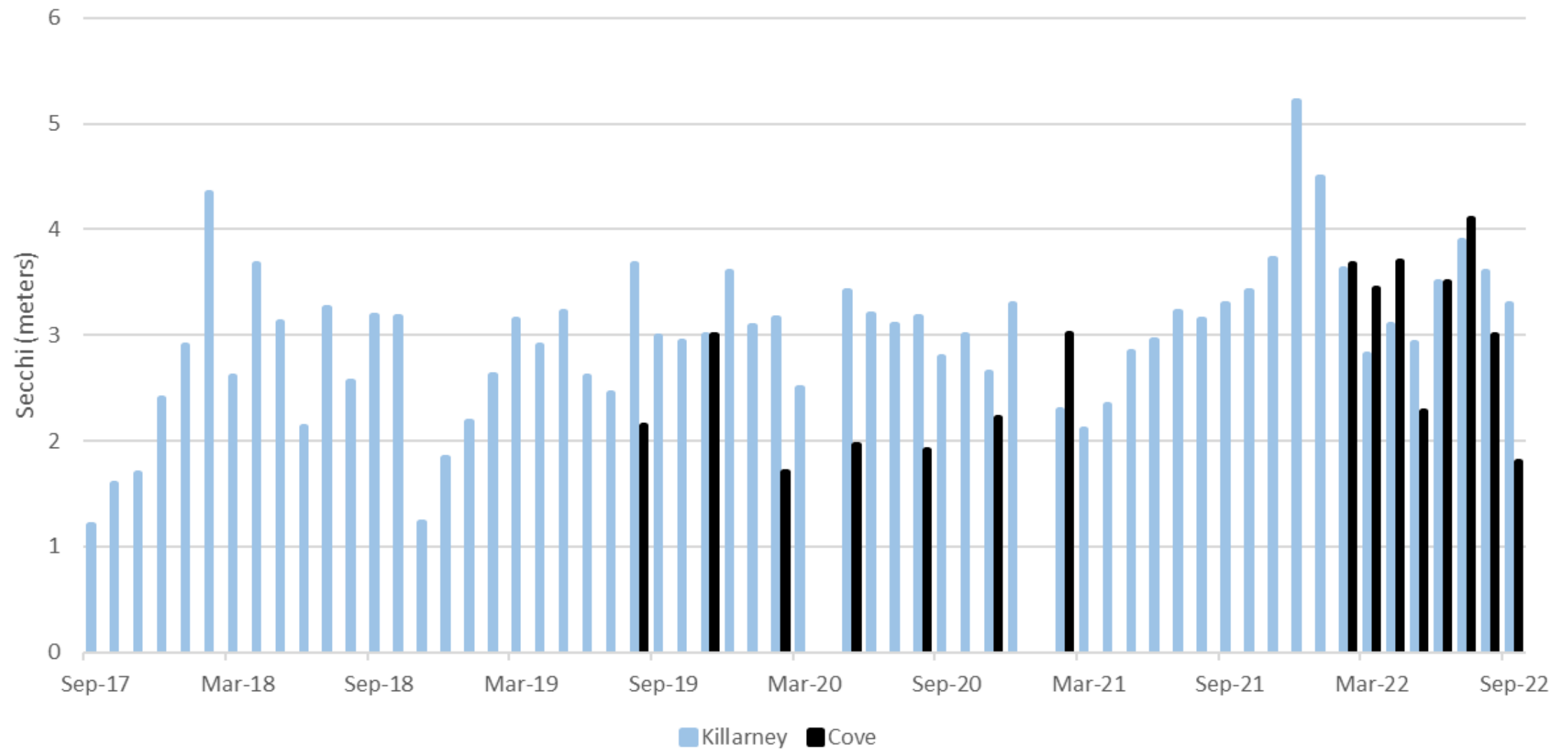
[Killarney Lakes Update 12.2022](#)

LAKE UPDATE:

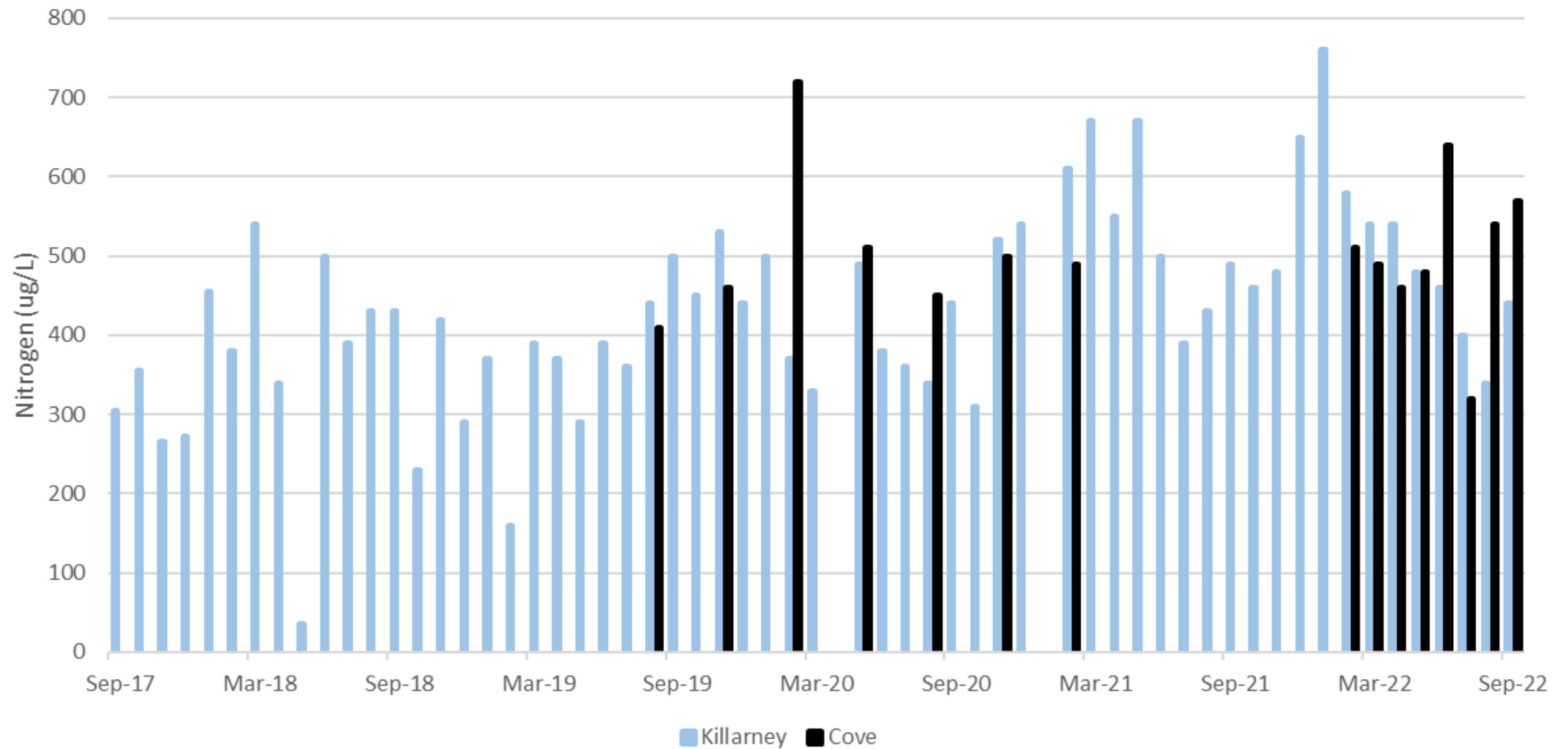
- Hydrilla (11/21) and Pondweed (11/28) treatments executed
- Water Quality
 - September data entered
 - Spike in Cove Phosphorus associated to August 29th treatment
- Lake Vegetation Index (LVI) data and results



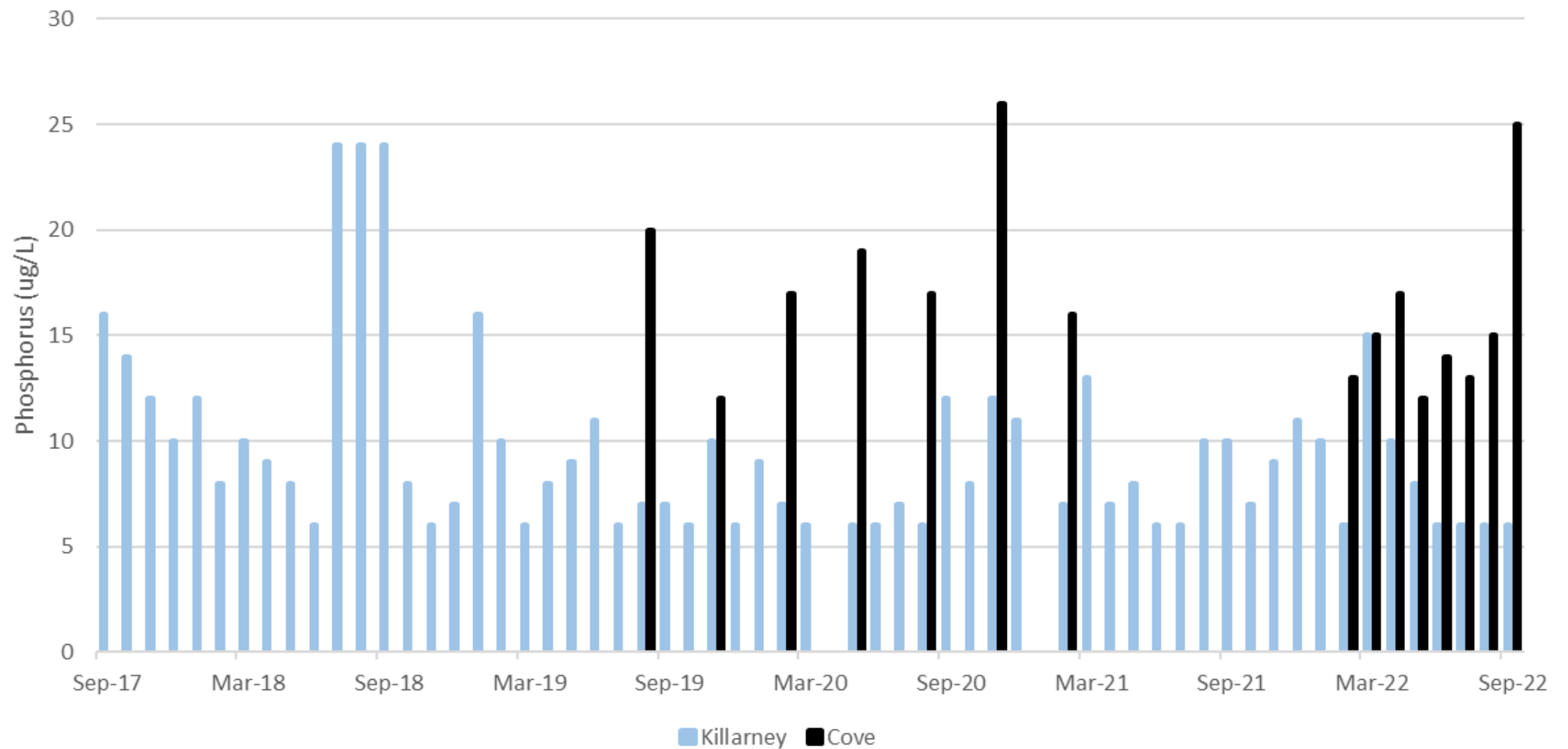
Clarity Comparison



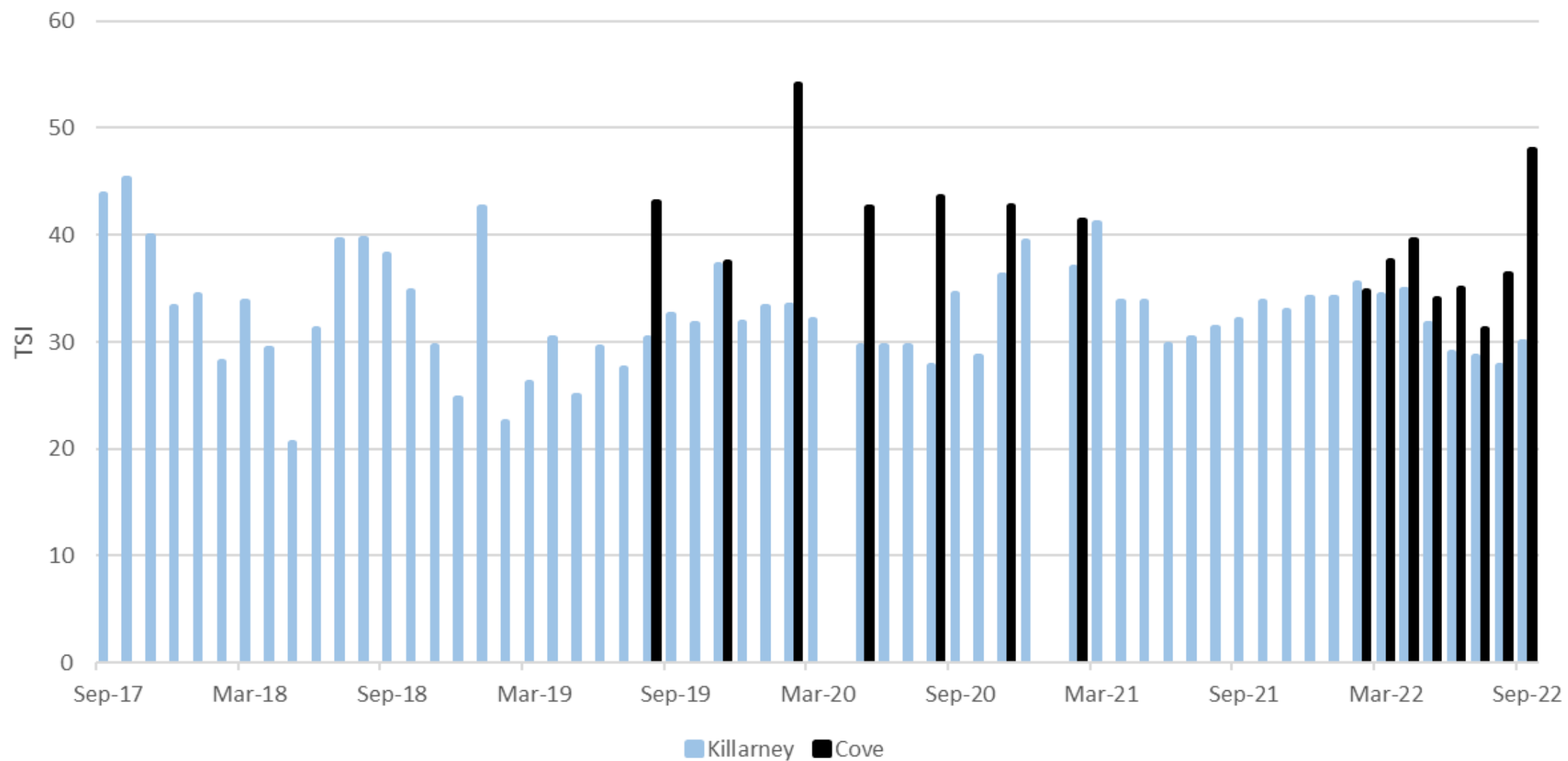
Nitrogen Comparison



Phosphorus Comparison



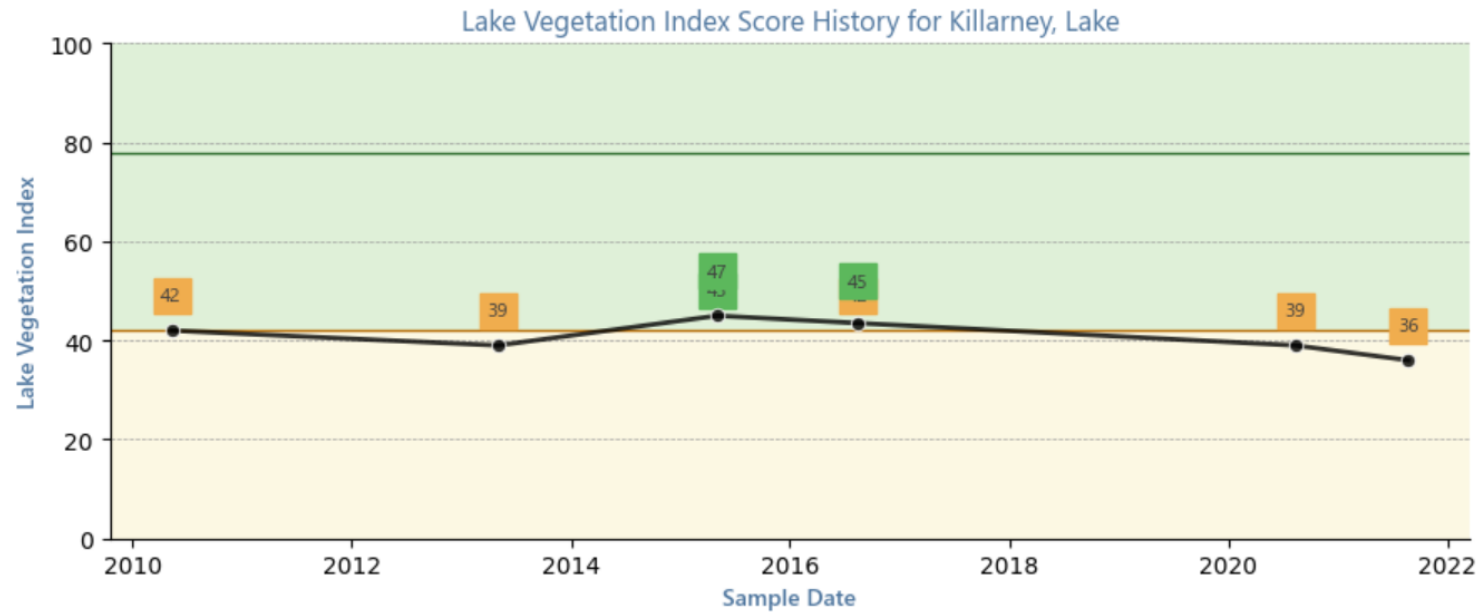
TSI Comparison



Lake Vegetation Index

LVI Sample Result:				43
Region		North		
Metric / Section	1	4	7	10
Total # Taxa	38	27	34	32
% Native Taxa	68%	78%	68%	66%
% FLEPPC 1 Taxa	18%	11%	21%	19%
% Sensitive Taxa	5%	7%	9%	6%
Dom Taxa Count	2	2	1	1
CofC Dom Taxa	6.50	6.50	7.00	7.00
Section LVI	39	53	41	39

Lake Vegetation Index

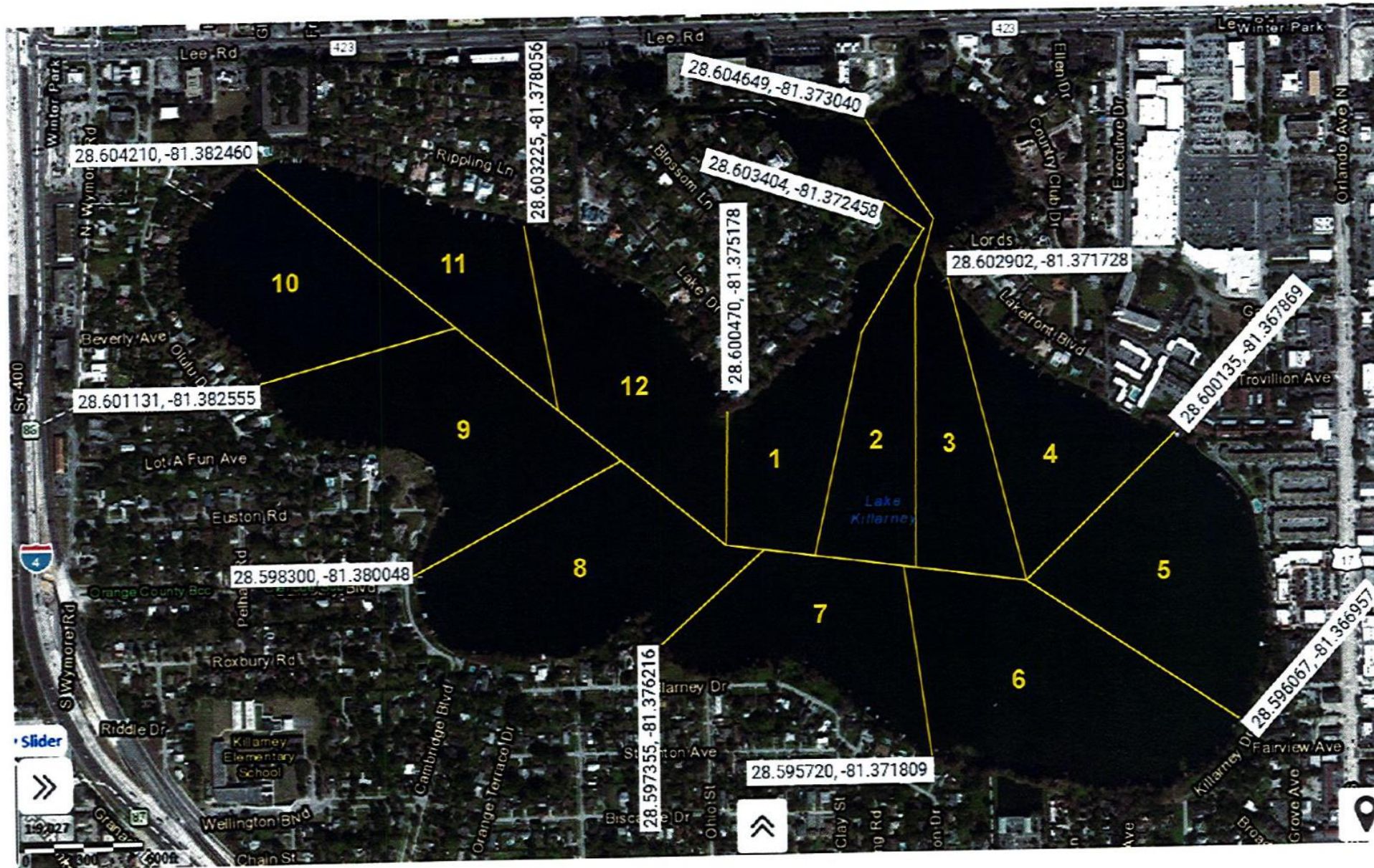


Legend

Aquatic Life Use Category	LVI Range	Description
Exceptional	78 - 100	Nearly every macrophyte present is a species native to Florida, invasive taxa typically not found. About 30% of taxa present are identified as sensitive to disturbance and most taxa have C of C values > 5.
Healthy	43 - 77	About 85% of macrophyte taxa are native to Florida; invasive taxa present. Sensitive taxa have declined to about 15% and C of C values average about 5.
Impaired	0 - 42	About 70% of macrophyte taxa are native to Florida. Invasive taxa may represent up to 1/3 of total taxa. Less than 10% of the taxa are sensitive and C of C values of most taxa are < 4.

Lake Killarney (HB21), Orange County, FL

LVI Map Created 8/11/2020







item type Staff Updates	meeting date December 7, 2022
prepared by Don Marcotte	approved by
board approval	
strategic objective	

subject

Stormwater Update

motion / recommendation

background

CIP Update

alternatives / other considerations

fiscal impact

ATTACHMENTS:

Stormwater CIP

CITY OF WINTER PARK - STORMWATER CAPITAL IMPROVEMENT PROJECTS UPDATE 11/29/2022

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	\$346,531	Several in-house drainage improvements projects to be scheduled for 2021-22, Ward Park ponds construction, Pinetree Rd and Via Amalfi, Palmer at Old England outfall repair, stormwater outfall dredging at various locations as needed.
				1) <u>Pinetree Rd and Via Amalfi</u> - The City will replace the existing substandard and deteriorated drainage system, as well as add an inlet and curbing. Estimated cost \$50k. Construction is complete.
				2) <u>Palmer at Old England outfall repair</u> - A video inspection to be scheduled to determine the existing condition of the outfall pipe. Design and construction will be scheduled as needed. Estimated cost \$20k.
				3) <u>Stormwater Outfall Dredging</u> - Dredging is complete near the Alexander Place and Morse Boulevard stormwater outfalls. Currently investing additional locations.
				4) <u>Ward Park ponds construction</u> - Estimated cost \$150k. NE and NW Pond excavation and sodding is complete. The piping to be installed in December.
				5) <u>Curb Implementation</u> - Commission approved \$50,000 in the City's FY'23 budget. Locations to be determined and coordinated with asphalt resurfacing projects.
565203	Lk. Bell Weir Outfall Improvements -	2009	\$69,223	Repairs may be required on the Lake Bell outfall weir, will continue to assess the condition in 2022. Currently investigating grouting options.
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 on October 13, 2021 and by the Seminole County Commission on December 14, 2021. 60% plans completed and submitted to Seminole County. Process to permit with SJRWMD currently underway.
565233	2410 Winter Park Rd. Pond	2020	\$0	The pond excavation, construction of the stormwater conveyance and pond outfall systems is complete. Sodding of the pond complete.
	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. Project manager to be assigned, project schedule to be developed, best management practice analysis to be performed.
	TOTALS			
3023406	ACTIVE STORMWATER CIP's		\$1,349,148.85	BALANCE TOTAL



Lake Killarney Board

agenda item

item type Board Comments	meeting date December 7, 2022
prepared by Victoria Tabor	approved by Gloria Eby
board approval Completed	
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 December 7, 2022
prepared by Victoria Tabor	approved by Gloria Eby
board approval Completed	
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 December 7, 2022
prepared by Victoria Tabor	approved by Gloria Eby
board approval Completed	
strategic objective	

subject

Summary of Meeting Action Items

motion / recommendation

background

alternatives / other considerations

fiscal impact