



Lake Killarney Board Regular Meeting

Agenda

September 4, 2024 @ 10:00 AM

City Hall Commission Chambers
401 S. Park Avenue

welcome

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

assistance & appeals

Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office ([407-599-3277](tel:407-599-3277)) at least 48 hours in advance of the meeting.

"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 August 7, 2024

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. Orange County Update 10 Minutes

- b. Lakes Management 10 Minutes

- Shoreline Violations
- Lake Elevation
- Water Quality
- Lakeshore Ordinance Overview (Ch. 114)
- Prioritization List

- c. Past & Upcoming Events 5 Minutes

- Howell Branch Clean-up - 8/24 9a @ 2917 Temple Trail
- Fix it! Don't Pitch It - 9/7 9a @ Winter Park Events Center
- Orange County Lake Killarney Advisory Board Meeting - 9/12 5p @ Public Safety Building (500 N Virginia Ave)
- Paddleboard Clean-up - 9/14 9a @ Kraft Azalea to Dog Island
- Wood Duck Box Workshop - 9/14 9a @ MLK Jr. Park
- Sustainability Fair & EV Car Show - 9/21 9a @ West Meadow
- Get Hooked! - 10/5 7a @ MLK Pond
- 2024 Backyard Biodiversity Day - 10/19 9a @ Mead Garden
- Lake Shoreline Restoration - 10/19 9am @ Temple & Tuscany

- d. Stormwater Management 10 Minutes

- CIP Update
- Nicolet Pond, Killarney Dr. Pipe Replacement, & Lake Bell Weir

Project Timeline

- Lake Front Construction Updates

Follow-up Items:

- Private Exfiltration Letter
- BMP Feasibility Study for Killarney Dr. Outfall Consolidation (when available)
- Outfall Condition Update

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



Lake Killarney Board

agenda item 2.a

item type

Consent Agenda

meeting date

September 4, 2024

prepared by**approved by****subject**

Approve the minutes of August 7, 2024

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

1. FY'25 CIP 5yr Plan - Proposed for Lakes Board
2. LKB-mins-2024-08-07 DRAFT edited GE SM

**CITY OF WINTER PARK
SUMMARY OF CAPITAL PROJECTS
STORMWATER CAPITAL PROJECTS FUND**

Approved by the City Commission on -----

Description	Estimated 5 Yr. Contribution	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Stormwater Improvements - Various in-house stormwater projects scheduled for 2022-23 - Shultz Avenue pipe repair, Greentree Drive, Cherokee Avenue drainage improvements, dredging various stormwater outfalls	1,370,000	100,000	200,000	270,000	400,000	400,000
Temple Dr Drainage Improvements	750,000			250,000	250,000	250,000
Canton at Knowles Drainage Improvements (CRA Funding?)	250,000		250,000			
Curb Implementation	200,000		50,000	50,000	50,000	50,000
Corrugated Metal Pipe Replacement	600,000		200,000	200,000	200,000	
Lakes Nutrient Budget Studies	200,000					200,000
Killarney Drive - Drainage & Street Improvements - Phase 1	280,000	280,000				
Palmer Ave at Old England - Drainage Improvements - Phase 1	250,000	250,000				
Mayflower - Drainage Ditches Dredging	170,000	170,000				
MLK Basin - Increase Flood Storage	2,200,000		600,000	600,000	500,000	500,000
Golfside Drive - increase pipe size under the street	600,000			600,000		
Golfside Neighborhood Outfall Improvements	1,140,000				570,000	570,000
Stormwater Outfall Maintenance Dredging	90,000			30,000	30,000	30,000
Totals	8,100,000	800,000	1,300,000	2,000,000	2,000,000	2,000,000



Lake Killarney Board Regular Meeting Minutes

August 7, 2024 at 10:00 AM

City Hall Commission Chambers
401 S. Park Avenue

Present

Jason K. Ellison, David L. Dickerson, Brian King, Joyce D. Cunningham, Carolyn Minear, William Voecks.

Absent

Ellen Hencken

Staff Present

Director of Public Works Charles Ramdatt, Assistant Director of Public Works Don Marcotte; Public Works Engineer Shannon Monahan, Lakes Division Manager Joseph Cordell, Administrative Assistant Victoria Tabor

Also Present:

Orange County Senior Environmental Specialist Nidia Volpe (virtual) and Orange County Lake Killarney Board Members Conrad Necrason

1. Call to Order

Jason Ellison called the meeting to order at 10:00 a.m.

2. Consent Agenda

- a. Approve the minutes of July 2, 20224

Discussion of the minutes: Ms. Cunningham stated under Board comments, when discussing the status of a permit, she gave the address of 2150 Lake Drive and would like for it to be added to the minutes. Mr. Ellison stated that he would like to see the discussion on use of technical terms such as cone of uncertainty, named or unnamed storm related to the Flood Management Guide added.

Motion made by Ms. Minear to approve the minutes as amended, seconded by Ms. Cunningham. Motion carried unanimously with a 6-0 vote.

Language added to July 2, 2024 meeting minutes:

Violation address at 2154 Lake Drive [corrected] was added to minutes

Mr. Ellison asked if the wording for the Flood Management Guide is for a named system. Ms. Eby responded it is not defined to say named storms and that an irregular cone touching Central Florida region was released by National Hurricane Center and is why the city enacted procedures. Ms. Eby added that the document is interim and when refined, the language of "projected cone" needs to be further clarified upon next update.

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

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

- a. Boathouse/Dock Application (BLDR-2024-0254) 2150 Lake Drive.

Mr. Cordell presented the permit application for a boathouse at 2150 Lake Drive. The applicant is Robin Lopez, the owner is Danny Anderson and the contractor is Summertime Deck and Dock. The owner is requesting a variance for the dock length of 66.5 ft. and area of 651 square ft. This is a replacement dock using the same parameters. Revegetation is recommended. Lakes Division recommends approval of the variance due to the shallow lake contour that is there.

Discussion developed on the difference between repair and replacement as it pertains to the code and the square footage. Mr. Lopez, applicant with Summertime Deck & Dock, explained that the dock is an exact replacement of what is currently there with the addition of a roof for shade over the dock. Mr. Lopez displayed an aerial view showing how the replacement dock aligns with the other docks in the area.

Motion made by Ms. Cunningham to approve the permit; seconded by Ms. Minear. Motion carried unanimously with a 6-0 vote.

5. Action Items

6. Non-Action Items

7. Staff Updates

- a. Orange County Update

Nidia Volpe reported the next advisory board meeting is September 12, 2024, at the Winter Park Police Department. Ms. Minear asked for an update on the project near John Mitchell's house. Ms. Volpe advised that she will provide any new information at the next meeting.

b. Lakes Management

- Lakefront Violations

Mr. Cordell reported one dock violation and two shoreline violations. The owner at 1321 Fairview has received a demo permit and will be removing the dock. A discussion ensued on the timeframe for demo permits. The violations at 2154 Lake Drive and 530 Country Club is for importation of sediments. Additionally, a structure was built connecting to the dock at 2154 Lake Drive. Building Department is researching if this structure was permitted.

Mr. Ellison inquired about the consequences of the citations and the timeframe. Mr. Cordell advised that the sediment must be removed and lake restored to previous condition. He also noted there are requirements to use turbidity curtains and proper containment while restoring. The timeframe is thirty (30) days to respond to the citation.

Mr. Dickerson asked if the floating platforms for jet ski parking are considered docks and if they need approval. Mr. Cordell will clarify with Ms. Eby. Mr. Lopez with Summertime Deck & Docks advised that accessory PVC floats that cast a shadow on the lake bottom are required to be permitted. He explained most people do not permit them because they are quickly in and out, interchangeable and entail small square footage. Mr. Ellison asked Mr. Cordell to provide follow up on the violations at the next meeting.

- Lake Level Elevation

The lake level elevation was 81.65 ft. at the end of July. On August 1, when the lake was 81.66 ft., the collars were pulled lowering the lake to 81.44 ft. The collars are back on and the lake is back up to 81.56 ft.

- Maintenance & Efforts

30 gallons of debris was removed and 55 gallons of trash was removed.

- Work Session Re-Prioritized List with Dates

Ms. Monahan presented the pdf spreadsheet that Ms. Eby created for the reprioritization list and went over the different column titles. Ms. Cunningham asked for a clarification on the statement "Will there be a thorough review of the aging infrastructure on the Orange County side of the lake". Ms. Monahan explained that annexation may cause a financial burden placed on the City and other infrastructure issues besides drainage. Ms. Monahan will inform Ms. Eby to discuss at the next meeting modifications to Chapter 114 for the cove, canals and other areas.

- Lakeshore Permitting Presentation

Mr. Cordell presented the lakeshore permitting process for docks and boathouses, seawalls and vegetation.

Mr. Ellison asked the reason for pulling the collars when there was no cone as mentioned in the Flood Management guide and no named storm. This action may set a precedent of prematurely pulling collars and then waiting through the weekend for active management to put them back which could cause low lake levels. Mr. Cordell advised that the decision was made by active management to pull the collars on Thursday due to the projected outlook by National Hurricane Center for a stalled storm impacting Central Florida. Mr. Ellison asked when there is uncertainty in the path, is there a possibility of pulling two of the six collars and actively being available to pull or put collars back. Mr. Marcotte answered that staff is not setting a precedent. He stated that the amount of collars pulled does not make much of a difference and this issue can be discussed further. Mr. Ramdatt offered that the governor's mandate does not supersede the local mandate and advised last year the policy was agreed to be changed if needed.

c. Upcoming Events

- Community Resources Event - 8/8 2:30p @ Killarney Elementary School
- Howell Branch Clean-up - 8/24 9a @ 2917 Temple Trail
- Fix it! Don't Pitch It - 9/7 9a @ Winter Park Events Center
- Orange County Lake Killarney Advisory Board Meeting - 9/12 5p @ Public Safety Building (500 N Virginia Ave)
- Paddleboard Clean-up - 9/14 9a @ Kraft Azalea to Dog Island
- Wood Duck Box Workshop - 9/14 9a @ MLK Jr. Park
- Sustainability Fair & EV Car Show - 9/21 9a @ West Meadow
- Get Hooked! - 10/5 7a @ MLK Pond

Ms. Tabor reviewed the upcoming events. All events can be found on social media and city event calendar. Questions were answered about the Get Hooked event.

d. Stormwater Management

- CIP update

Ms. Monahan presented the CIP update.

- Nicolet Pond, Killarney Dr. Pipe Replacement, & Lake Bell Weir Project Timeline

Nicolet pond is working through procurement, hope to have it started by the end of the month. Responses are typically received every thirty (30) days during the permitting process for projects such as the Lake Killarney pipe replacement. Lake Bell weir repair is expected to begin on August 20th.

- Lake Front Construction Updates
- 5 Year CIP

Ms. Monahan displayed the upcoming 5 year CIP. The items on the plan pertaining to LKB include the full Lake Killarney Drive project, phase 1 & 2 and the adjacent MLK basin. Mr. Marcotte advised this plan is behind due to the nearing completion of the three basin studies. The 5 year CIP will be presented to the Commission for approval. Mr. Voecks asked for an explanation of the \$2.2M allotted to the MLK basin. Mr. Marcotte and Ms. Monahan explained the 60 acre MLK basin drains to a small pond. The study recommended increasing storage to the pond in MLK. When complete, the western drainage study that covers the Lake Killarney drainage basin will be presented to LKB. The cost of the study is less than \$300K.

- Private Exfiltration Letter

When the exfiltration letter is sent, the board will receive a copy.

Follow-up Items:

- BMP Feasibility Study for Killarney Dr. Outfall Consolidation (when available)
- Outfall Condition Update

Ms. Tabor advised she will send the CRS link to the Stormwater page on the City's website after the meeting.

8. Board Comments

Brian King introduced himself and was welcomed by the Board and Staff.

9. Upcoming Agenda Items

- a. Upcoming Agenda Items

Ms. Tabor advised the next meeting will be on September 4. Four members confirmed attendance.

b. Summary of Meeting Action Items

Mr. Cordell will follow up on violations, water quality data, and Ch. 114 overview with discussion on cove/canal modifications per the prioritization list. Ms. Monahan advised adding the 5-year CIP to the minutes.

10. Adjournment

The meeting adjourned at 11:33 a.m.

Approved by the board on
/s/ Bahiyyah Layton, Board Coordinator



Lake Killarney Board

agenda item 7.a

item type

Staff Updates

meeting date

September 4, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Orange County Update

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None



Lake Killarney Board

agenda item 7.b

item type

Staff Updates

meeting date

September 4, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Lakes Management

- Shoreline Violations
- Lake Elevation
- Water Quality
- Lakeshore Ordinance Overview (Ch. 114)
- Prioritization List

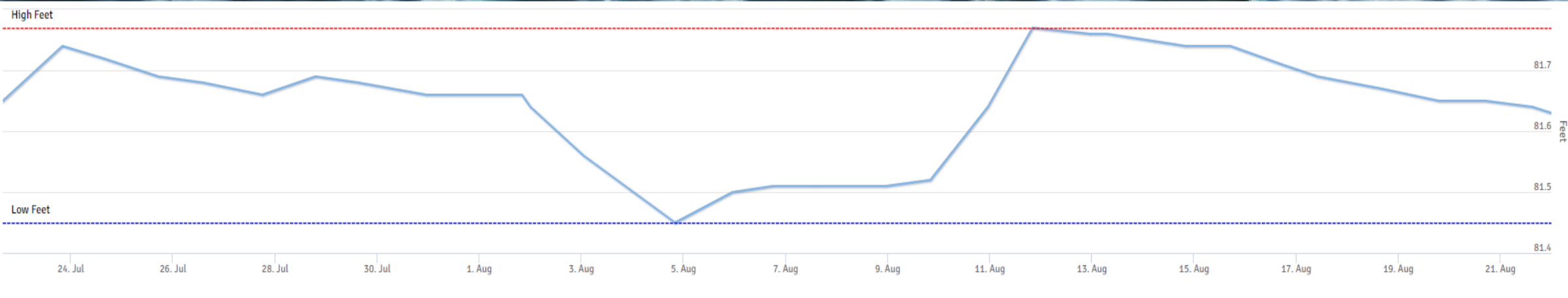
motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

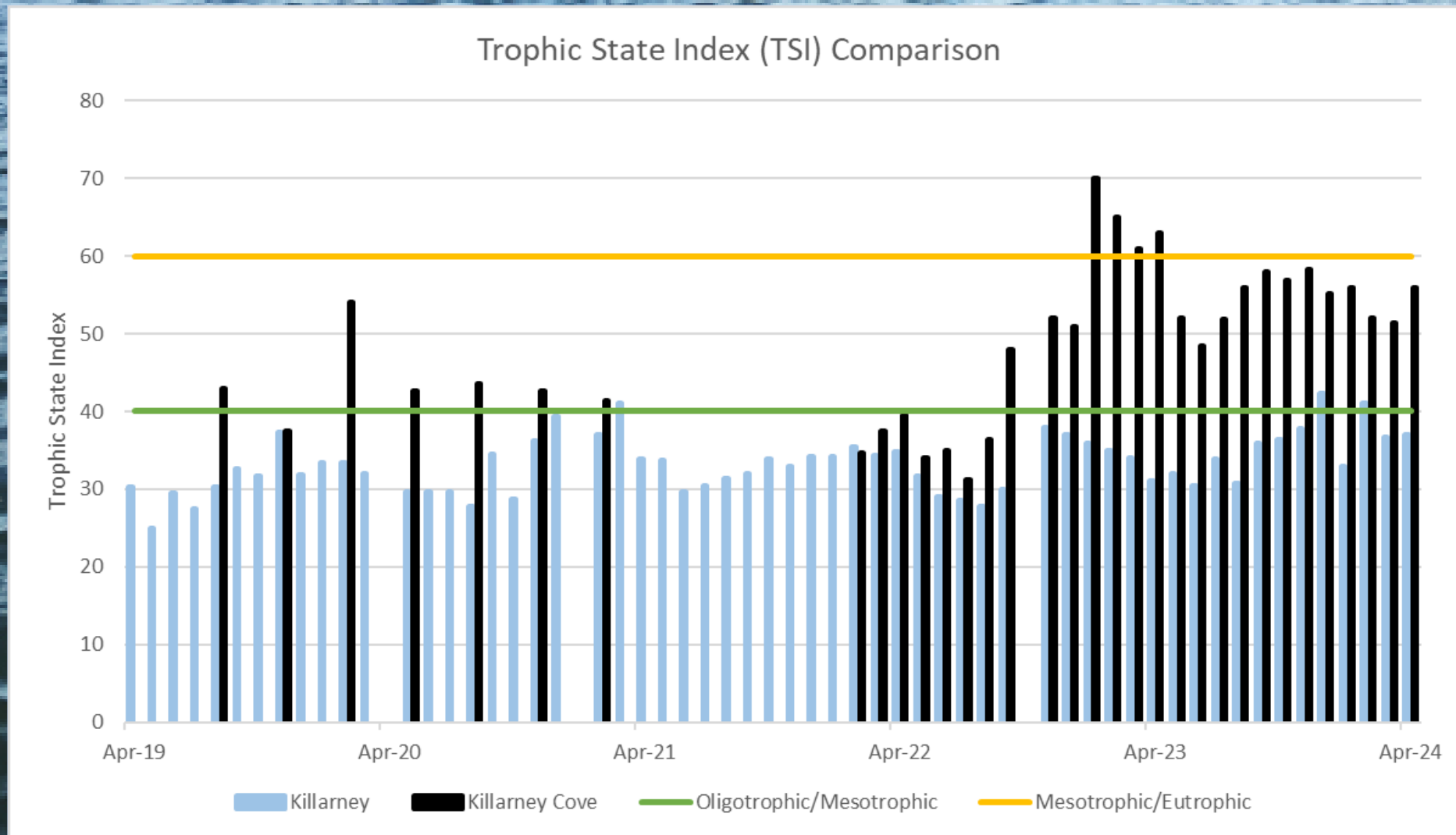
1. Lake Update 09.2024
2. Shoreline Permitting Guide 2024
3. Prioritize list LKB w-letter

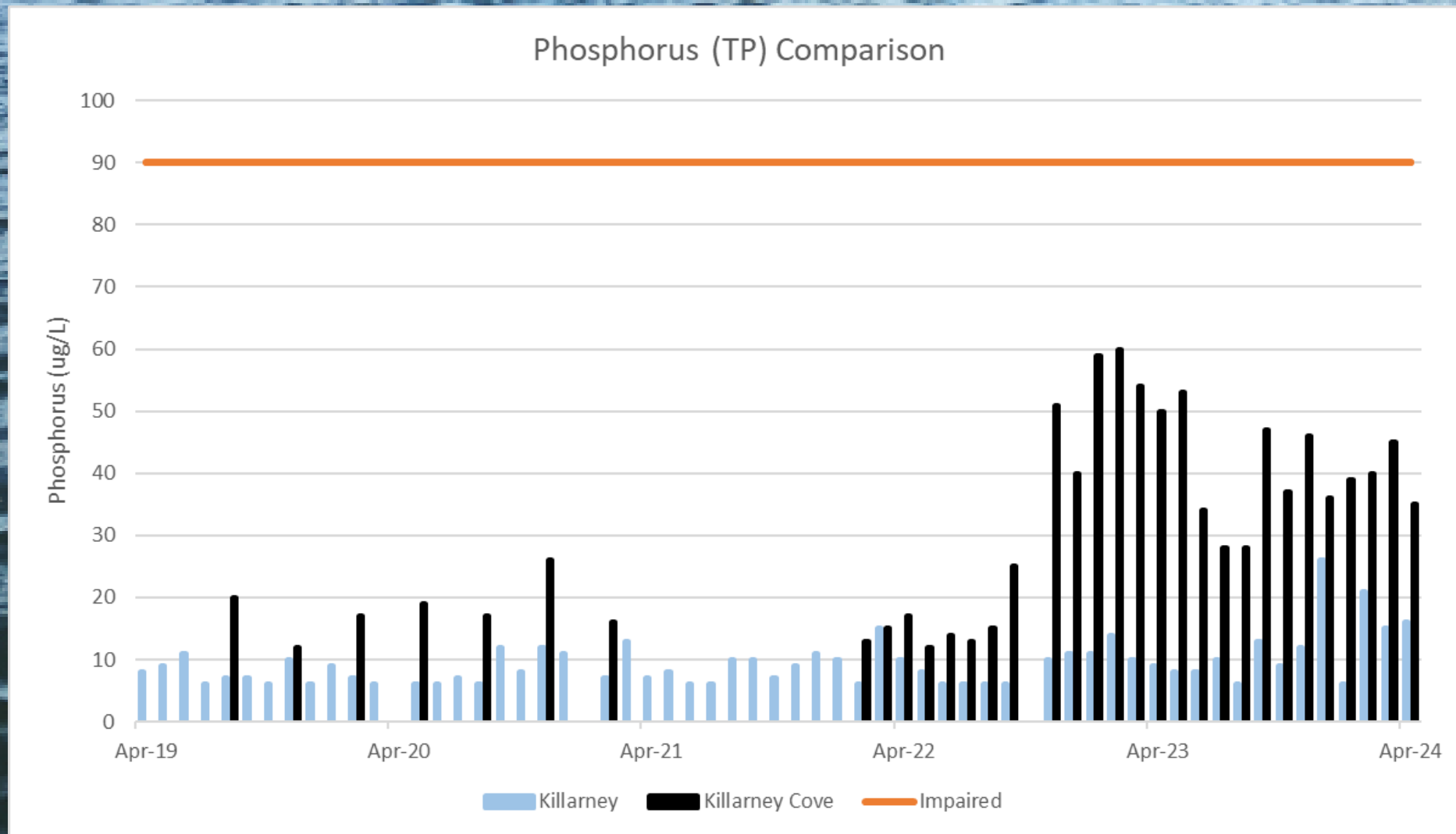
LAKE UPDATE:

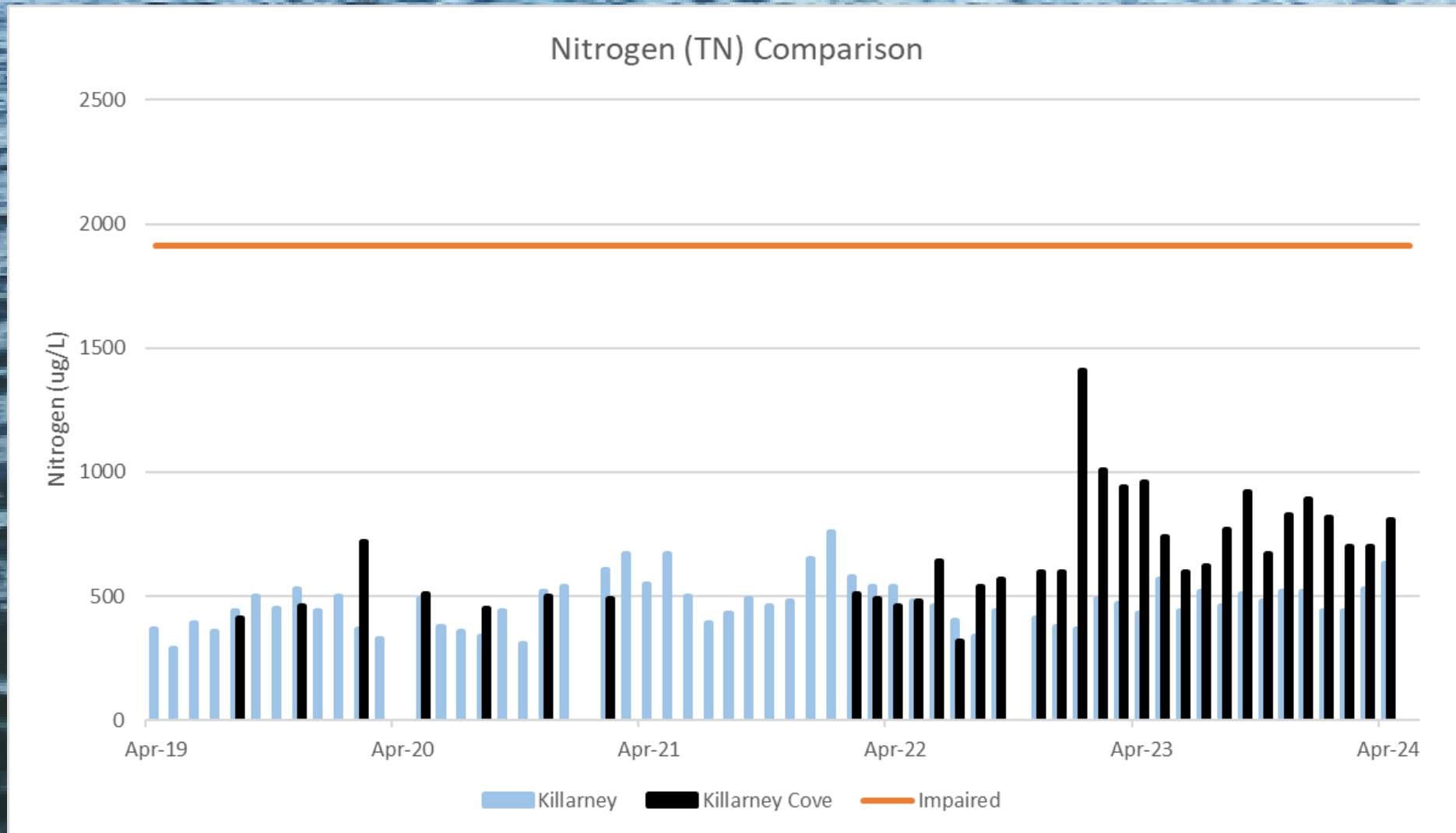
- Shoreline Violations
- Elevations
- Water Quality
- Maintenance and Efforts:
 - 105 gal Debris Removed
 - 40 gal Trash Removed
 - 10 cubic yards eelgrass

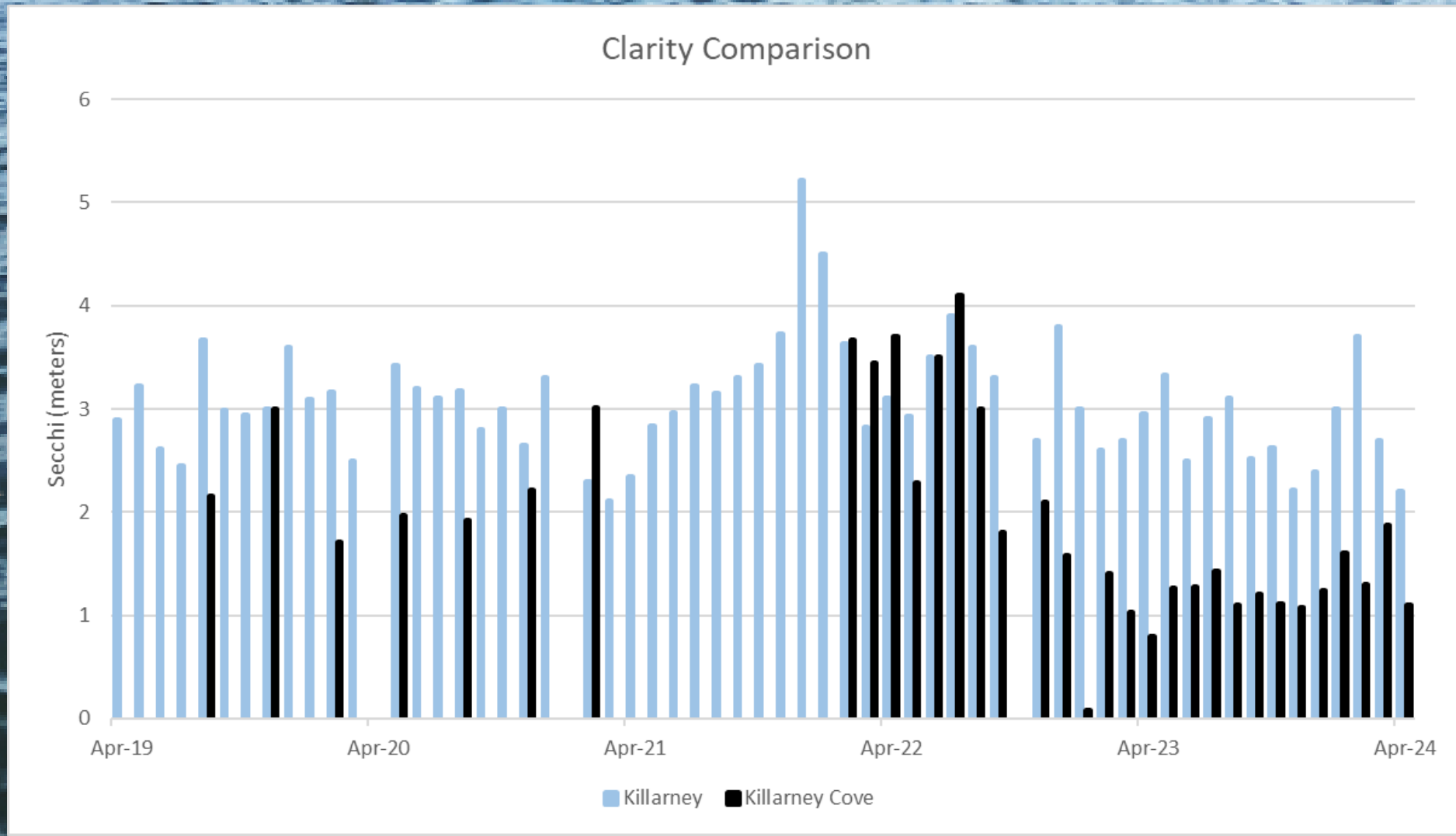
Lake Killarney Elevation

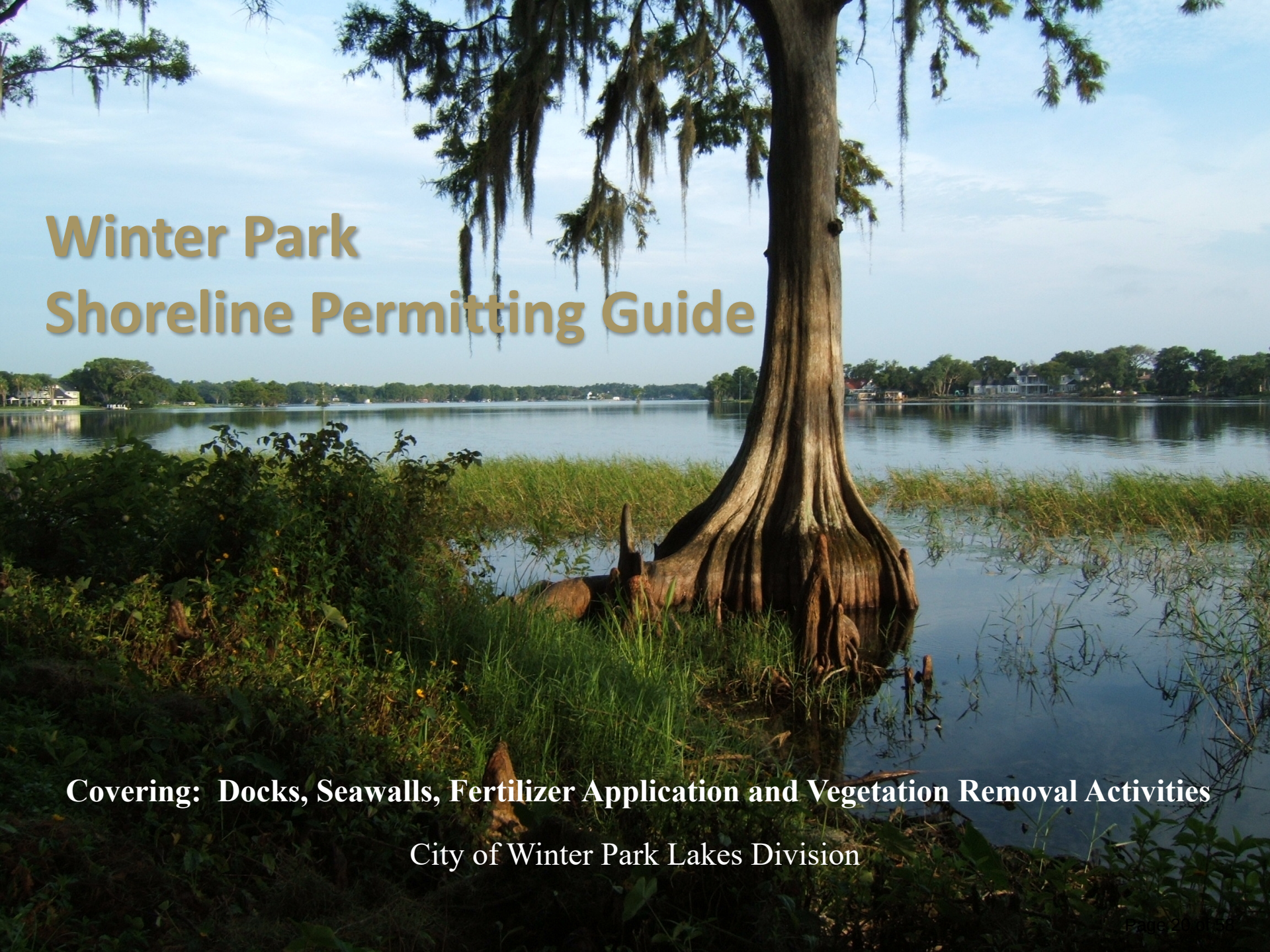












Winter Park Shoreline Permitting Guide

Covering: Docks, Seawalls, Fertilizer Application and Vegetation Removal Activities

City of Winter Park Lakes Division

Winter Park Surface Water Facts

- 26 lakes & 34 ponds
- 9 mi² land area drains
- 4 lakes interconnected by navigable canals (2 additional in Maitland)
- 1440 inlets, 134 outfalls (prior to 1980 none were treated in any way)
- 3,104 acres drain to 4 lakes in the chain
- Entire Howell Branch Creek drainage basin entering City is 17 mi²



Regulated Activities

The following activities on, or adjacent to, waterways in Winter Park are regulated and require a permit or permits in accordance with the Winter Park Code of Ordinances (WPCO). Specific information on each activity is provided in subsequent sections of this guide.

- Aquatic vegetation removal and/or use of herbicide requires a **Shoreline Alteration Permit** [Chapter 114-6 WPCO](#) (and may ALSO require a permit from Florida Fish and Wildlife Conservation Commission/FWC).
- New construction or repair of seawalls or revetments requires a **Shoreline Alteration Permit** [Chapter 114-6 WPCO](#).
- New construction, modification, and/or repair of docks, decks and boathouses require a **Building Permit** [Chapter 114-31 WPCO](#). Vegetation must comply with the regulations set forth in [Chapter 114-6 WPCO](#).

All permits may be applied via our online permitting portal under their respective category (“Shoreline Alteration” or “Boathouse/Dock”): cityofwinterpark.org/self-service

For questions contact the Winter Park Lakes Division at: 407-691-7829 or jcordell@cityofwinterpark.org

Dock Permitting Summary

City of Winter Park Natural Resources and Sustainability Dept. 407-599-3749

Any new dock requires a Building Permit

- Max. Area : **600 sq. ft. (over land or water)**
- Max. Length: **30 feet from the ordinary high water elevation (OHW)**
(may be up to 50 ft. from OHW on Lake Killarney)
- Max. Roof Height: **11 ft. above deck (must be pitched 2:12 min)**
- Max. Deck Height: **2 ft. above OHW**
- Min. Deck Height: **1 ft. above OHW**
- Side Yard Set Back: **10 ft. (5' with letter of no objection from affected neighbor)**
- City code requires that all properties obtaining dock construction or repair permits must meet the 50 feet/50 percent (whichever is less) shoreline vegetation conditions. See the Shoreline Vegetation section (114-6) for more information.
- Applications must be received by the second Tuesday of the month, for hearing at the **next** month's Lakes and Waterways Advisory Board.
- Documents required include current and proposed survey, profile and aerial plans displaying dimensions and elevations, and shoreline photos.
- Application Fee: \$100
- If a variance is requested, the applicant must apply for a variance to the Board of Adjustments.

State of Florida – FDEP 407-894-7555

- 1,000 sq. ft. or less

Exemption/Emergency Repair

A permit shall not be required for:

painting, re-glazing windows and doors, floor covering, minor stucco repair, gutters and down spouts, minor roofing repairs (one square or less) replacing 2 or less fence panels with same materials, *minor dock or boathouse repair (up to 60 square feet of decking,* replacement of handrails with like material and configuration), replacing electrical fixtures, replacing a single sink, or lavatory or water closet, and for work exempt by FBC 105.2. Contact Building and Permitting Services to confirm your activities are exempt before starting work.

Nonconforming Structures (Chapter 58-64 WPCO)

No nonconforming structure or portion thereof may be enlarged or altered in a way which increases its nonconformity; but, any structure or portion thereof may be altered to decrease its nonconformity.

If a nonconforming structure or portion thereof be demolished or destroyed through repair, remodeling, reconstruction or any other means to an extent of more than 50 percent of its replacement cost at the time of demolition or destruction, it shall not be reconstructed or restored except in conformity with the provisions of these zoning regulations. Removal and replacement of a nonconforming portion of a building with a new structure (such as new walls or roof) is not to be permitted.

If a nonconforming structure is to be moved for any reason for any distance whatever, it shall thereafter conform to the regulations for the district in which it is located after it is moved.

Should such nonconforming structure be demolished, destroyed, or damaged by fire, wind storm, hurricane, tornado, flood, explosion, or other such calamity, such structure may be rebuilt or restored to its original dimensions as long as the nonconformities are not increased beyond the pre-existing condition.

Repairs to Nonconforming Structures (contin.)

Structures such as docks and seawalls that do not meet the current codes may be repaired (with a building permit) within the following parameters:

- Docks and Boathouses
 - Owners may make repairs up to 50 percent of the replacement value of the existing structure after obtaining a building permit
 - If more extensive repairs are needed, a variance from the Planning and Zoning Board of Adjustments is required, or the structure must be made to meet current code allowances
- Seawalls
 - Owners may make repairs to up to 20 percent (linear length) of the existing seawall after obtaining a building permit
 - If more extensive repairs are required, the structure must be removed and replaced with a sloped revetment that meets current code allowances

Note: City code requires that all properties obtaining dock/boathouse, revetment or seawall construction or repair permits must meet the 50 feet/50 percent (whichever is less) shoreline vegetation conditions - see Shoreline Vegetation section below for more information.

Revetment & Seawall Permitting Summary

City of Winter Park

- Requires Shoreline Alteration Permit
- Vertical walls not preferable except on canals
- Slope may be no steeper than 2:1 (Horizontal:Vertical)
- Must have existing erosion problem
- City code now requires that all properties obtaining revetment or seawall construction or repair permits must meet the 50 feet/50 percent (whichever is less) shoreline vegetation conditions.
- Documents required include current and proposed survey, profile and aerial plans displaying dimensions and elevations, and shoreline photos.
- Fee: \$100

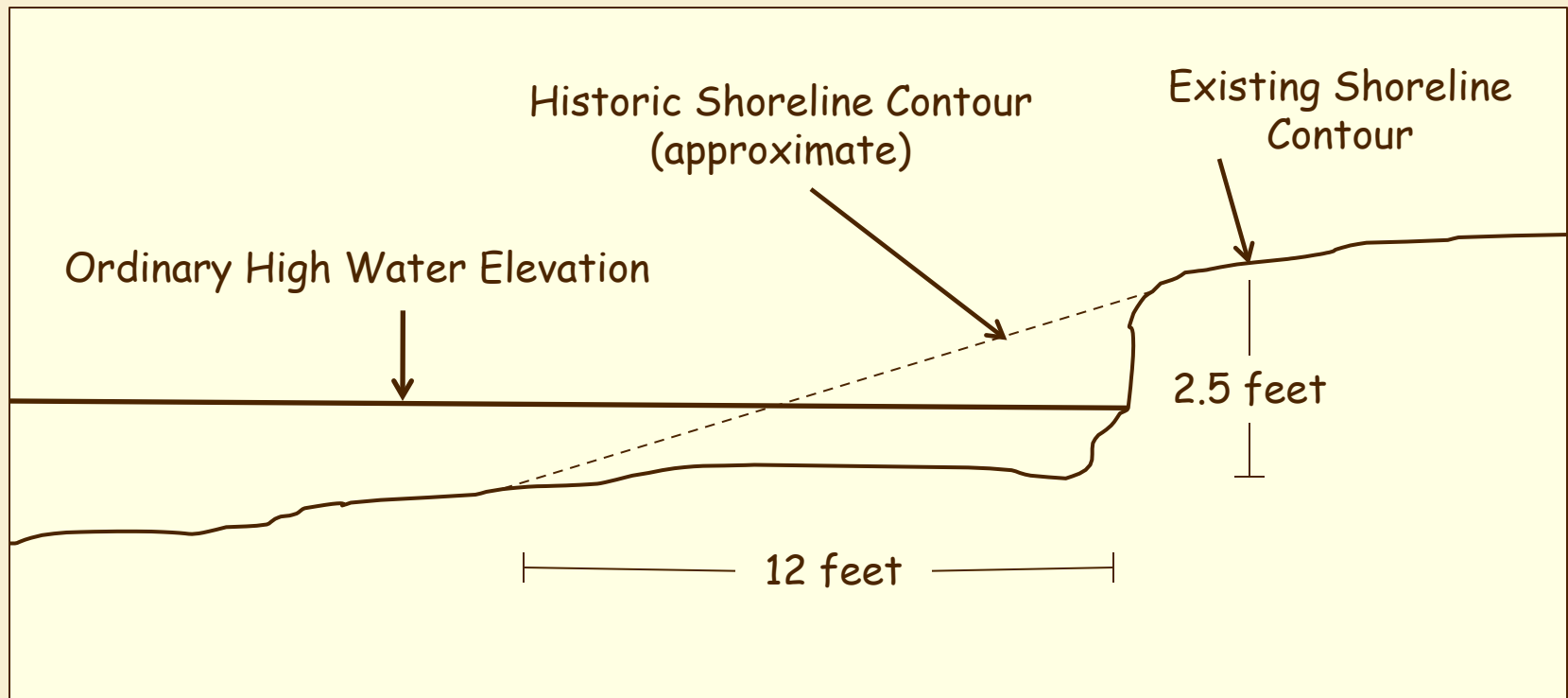
State of Florida (FDEP) — 407-897-2948

- May require Environmental Resource Permit
- No reclamation of lost land permitted
- No dredging or filling



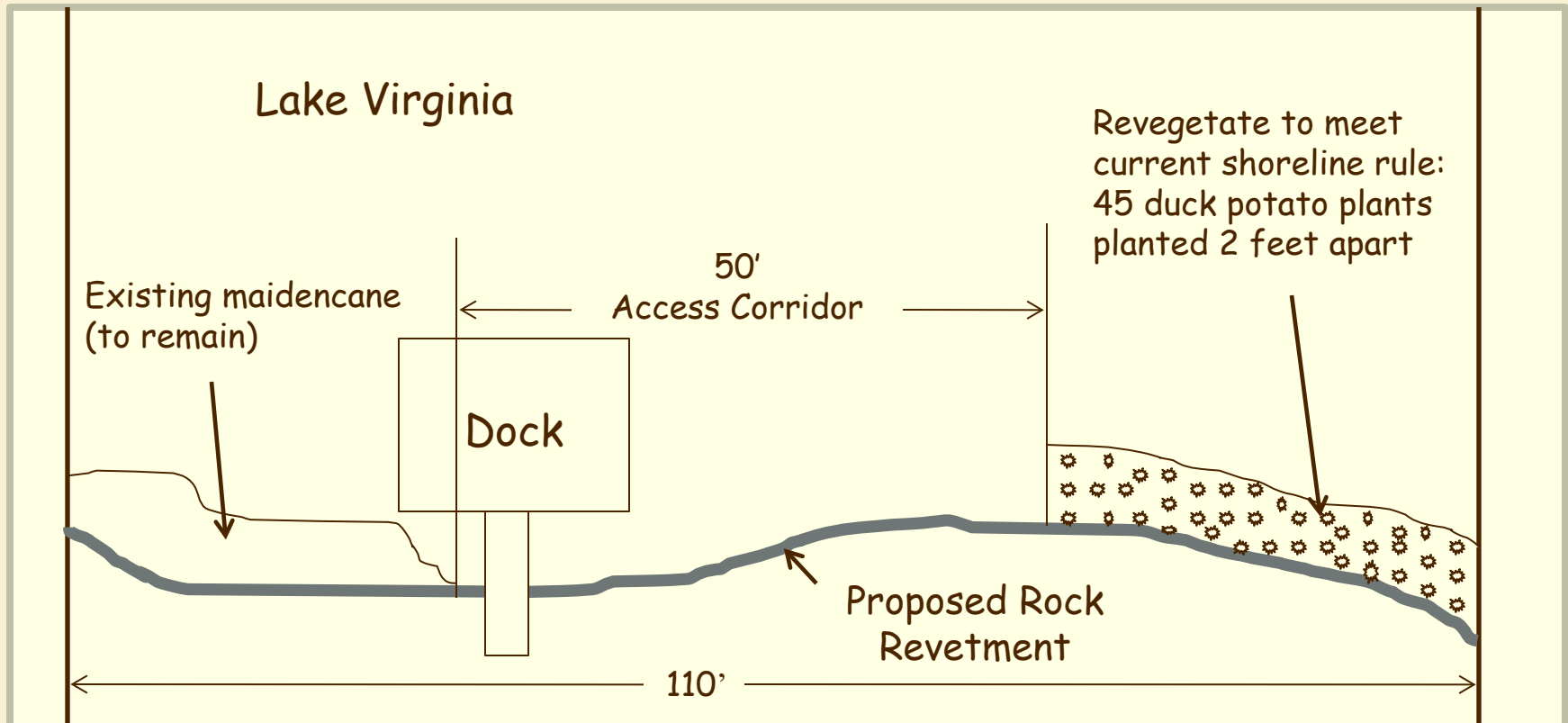
Permit Sketches – Existing Side View Showing Shoreline Erosion Problem

- Show historic contours (if known)
- No reclamation of lost land is allowed (the shoreline may be graded to facilitate placement of fabric, but no fill dirt may be added)
- May be hand drawn



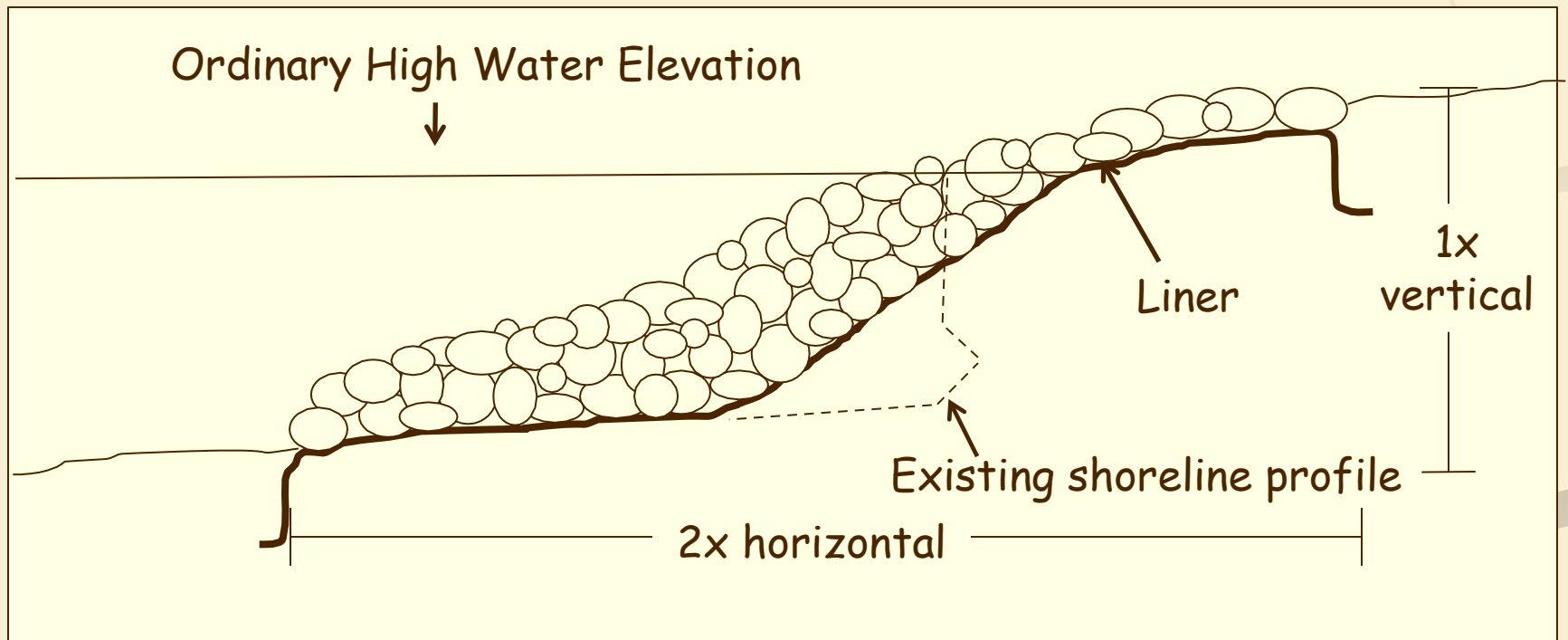
Permit Sketches – Plan View

- Must show any required revegetation including species, spacing and numbers of proposed plants
- May be hand drawn



Permit Sketches – Proposed Side View

- A geotextile fabric liner is essential for soil retention, should extend landward above expected wave run-up, and should be toed in at least 6 inches at the top and bottom of the slope
- Rip-rap material should be large enough to resist displacement by boat wakes
- Slope must extend 2 feet horizontally for every 1 foot of vertical rise



Revetment Installation Tips

Round rocks can be placed tighter allowing smaller sizes to be used and providing a uniform looking face.



Field stone is more irregularly shaped and provides a more natural look.



Planting in front of, and behind your revetments helps to soften the look and increases habitat value.



Fertilizer Ordinance

The City of Winter Park adopted Orange County's Fertilizer Ordinance in August 2020. The intended effect is to reduce nitrogen (N) and phosphorus (P) loading to local waterbodies. The city's ordinance can be found under [Chapter 58.368 WPCO](#).

Ordinance Summary :

- Only use lawn fertilizers that contain zero phosphorus
- At least 50 percent of the nitrogen content must be slow-release nitrogen
- Apply no more than one pound (1 lb.) of nitrogen per 1000 sq. ft. at any one application
- Do not fertilize if heavy rains are forecast or within a three day cone of warning for tropical storms or hurricanes.
- No fertilizing during the rainy season of June 1 to September 30 (trained applicators are exempted – see Orange County's website for training info ocfl.net/epd - click on Fertilize Responsibly)
- A 10 foot buffer zone must be maintained adjacent to all water bodies (increasing this buffer will increase the protection to the lake)
- Broadcast spreaders must be equipped with a shield positioned to deflect fertilizer from impervious pavement, rights-of-way, stormwater drains, ditches and conveyances
- Sweep up fertilizer that falls on driveways, streets and sidewalks
- Do not blow fertilizer, lawn clippings or leaves into streets or down storm drains

Shoreline Vegetation - Why should we be concerned about plants?

- Aquatic plants are a natural part of a lake's ecology
- Vegetation provides critical habitat for aquatic organisms
- Shoreline plants protect properties from erosion
- Shoreline vegetation can also benefit water quality by:
 - Reducing turbidity
 - Providing nutrient uptake



Great Blue Heron



Slider



Limpkin



Sliders



Great Egret



Great Blue Heron



Summary of Aquatic Plant Removal Rules

CITY OF WINTER PARK NATURAL RESOURCES AND SUSTAINABILITY DEPARTMENT

Responsible entity: Lakes Division

Phone #: 407-691-7829

- **Activities Requiring a Permit:** **Removal and/or chemical treatment of ANY vegetation from the shoreline requires a Shoreline Alteration Permit.** Revegetation of the shoreline outside of the 50 foot (50 percent) access area with native aquatic vegetation in accordance with standards outlined in the city code is required.

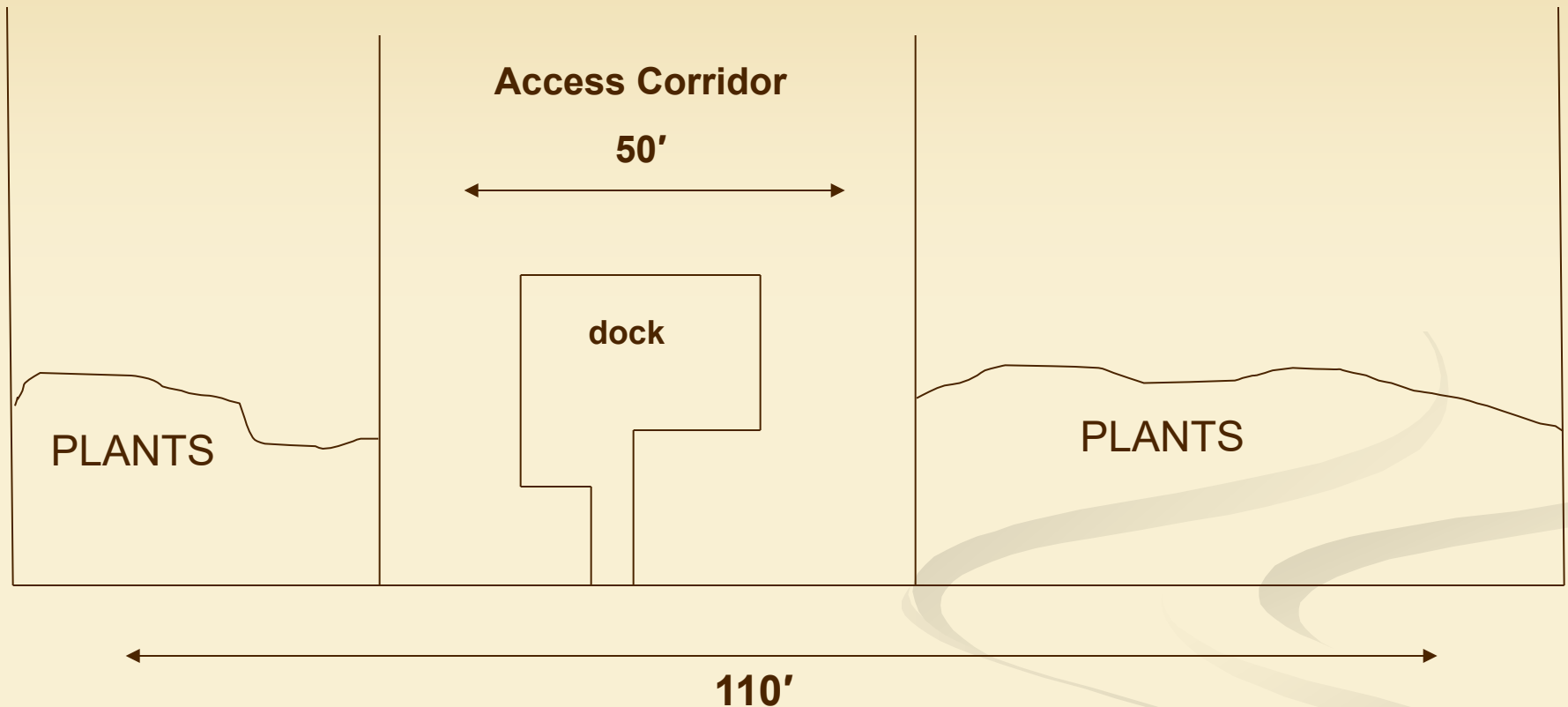
FLORIDA FISH & WILDLIFE CONSERVATION COMMISSION (FWC)

Responsible Entity: Invasive Plant Management Section

Phone #: 407-858-6170

- **Exemptions:** Homeowners may clear vegetation for lake access from 50 linear feet, or 50 percent of shoreline, whichever is less, from the water's edge out to open water without a permit. Clearing from this exempted access corridor is limited to manual or mechanical removal only. Turbidity curtains are required for any type of mechanical control (jet pump, power rake, etc.).
- Lakes under 140 acres do not require FWC permitting.
- Chemical control of any amount is not authorized under this exemption and requires a permit.
- More info can be found at: <http://myfwc.com/license/aquatic-plants/> or by calling 863-534-7074.

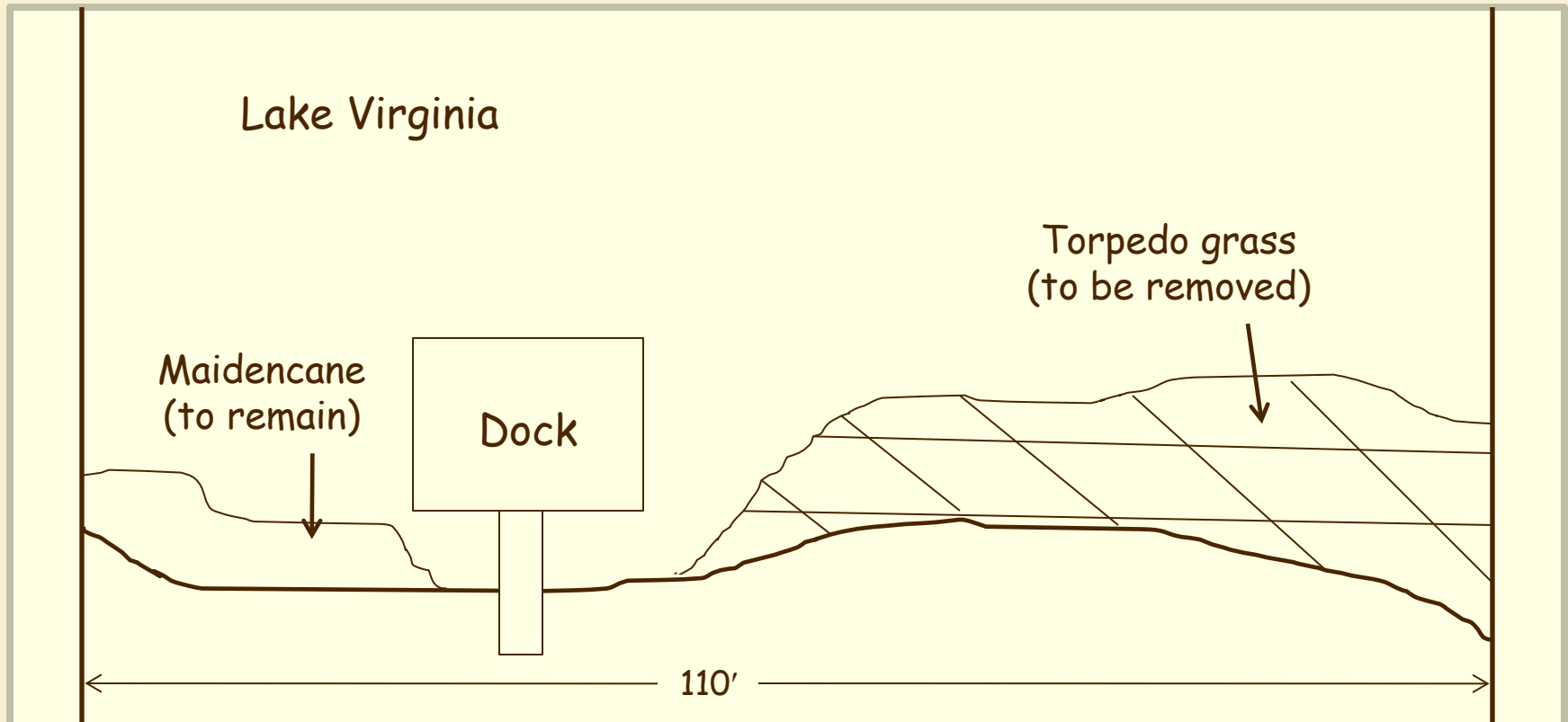
Typical Access Corridor



- Can clear 50 feet or 50 percent of shoreline whichever is less
- Rest of lakefront **MUST** be vegetated with aquatic plants
- Areas outside the access corridor may be left alone (if vegetated), or must be replanted if exotic (non-native) vegetation was removed.
- Revegetation must be done in accordance with city code:
 - At least 70% of shoreline must contain native, emergent vegetation
 - No more than 30% of shoreline can be comprised of lilies and other floating-leaf species
 - Submerged aquatic vegetation (eelgrass, pondweed, etc.) does not count toward compliance

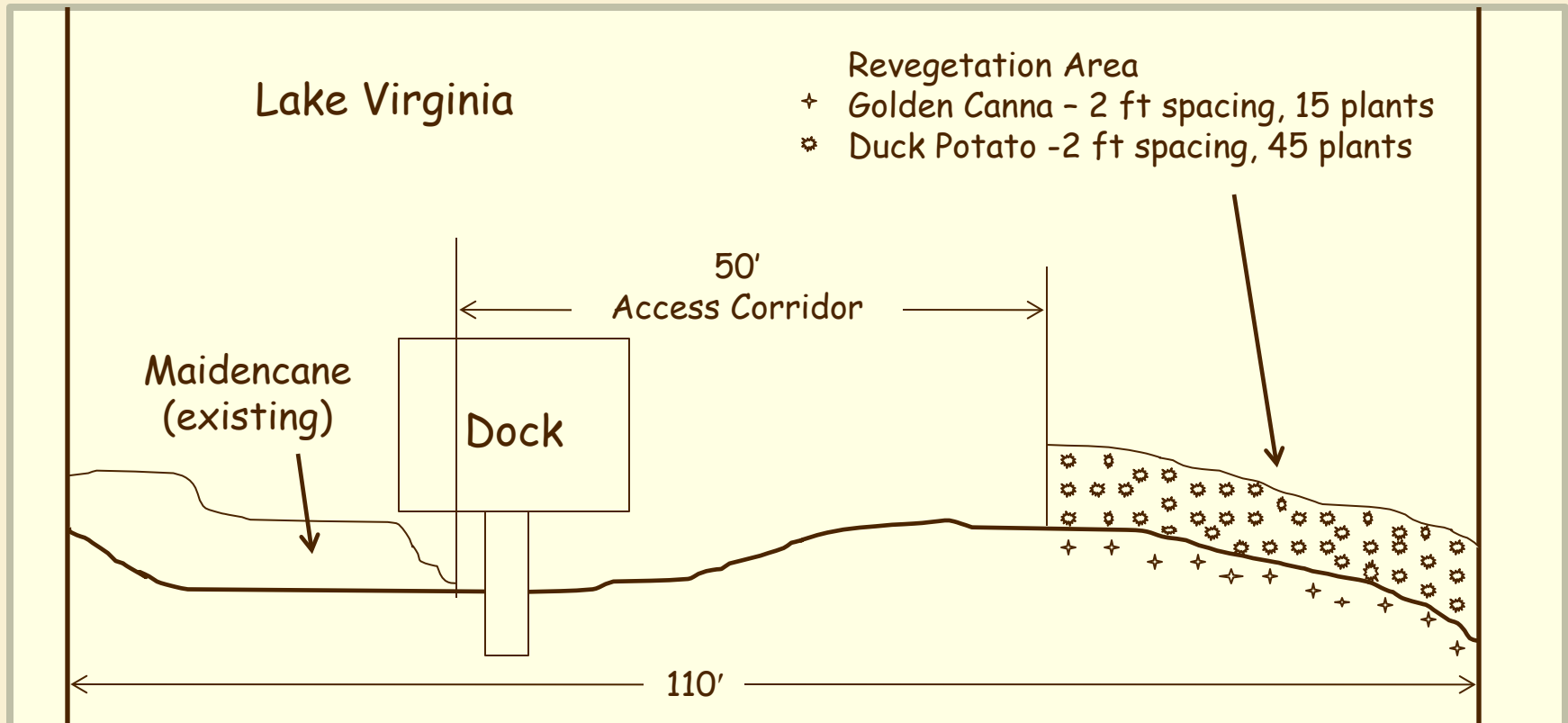
Permit Sketches – Vegetation Removal Plan

- Must be submitted with all applications where clearing outside of the access corridor is proposed
- Documents Required: Sketch of current shoreline including dimensions, existing plants incl. species names, and any structures. Indicate plants intended for removal.



Permit Sketches – Revegetation Plan

- Must be submitted with all applications where clearing outside of the access corridor is proposed
- Documents Required: Sketch of proposed shoreline including dimensions, proposed plants incl. species names, and any structures. Indicate spacing and number of proposed plants.



Shoreline Planting Tips

- at least 70% must be native aquatic species
 - no more than 30% of lilies/floating-leaf species will count toward compliance
-
- Remember that shorelines require maintenance just like lawns do – pruning and weeding will make your shoreline look better longer
 - Mass plantings tightly to reduce invasion by unwanted species
 - Use trees and shrubs to provide layered looks and complex wildlife habitat
 - Choose the right plants for the water depths to be planted - information on planting zones can be found at plants.ifas.ufl.edu
 - If you have only older trees on your lakefront, consider planting replacement trees now so they will have time to fill in before the old ones are lost



What kinds of plants should I use?

Native Shoreline Plants

- Arrowhead
(*Sagittaria lancifolia*)
- Maidencane
(*Panicum hemitomon*)
- Golden Canna*
(*Canna flaccida*)
- Spikerush
(*Eleocharis interstincta*)
- Bulrush
(*Scirpus validus*)
- Southern Blue Flag
(*Iris virginica*)
- Sand Cord Grass*
(*Spartina bakeri*)
- Pickerel Weed
(*Pontederia cordata*)

Native Trees & Shrubs

- Bald Cypress
(*Taxodium distichum*)
- Black Gum
(*Nyssa sylvatica*)
- Sweet Bay Magnolia*
(*Magnolia virginiana*)
- Loblolly Bay*
(*Gordonia lasianthus*)
- Sweet Gum*
(*Liquidambar styraciflua*)
- Red Maple*
(*Acer rubrum*)
- Button Bush*
(*Cephalanthus occidentalis*)

Plants to Avoid

- Torpedo Grass
(*Panicum repens*)
- Parrot's Feather
(*Myriophyllum aquaticum*)
- Para Grass
(*Urochloa mutica*)
- Water Hyacinth
(*Eichhornia crassipes*)
- Cattail
(*Typha spp.*)

Plant Key

- Native – Recommended
- Native – Use sparingly
- Native – Not recommended
- Exotic – Prohibited
- * Best planted above OHW

This list includes commonly available plants. Other native, aquatic plants may be used.
Pictures of these and other aquatic plants can be found online at: plants.ifas.ufl.edu

Lake Killarney Work Session 2-7-2024
 Prioritization List- To be reviewed annually in May/June Work Session
 Yellow=Priority Favored by Board
 Red= Staff notes regarding request

Status	Priority	Subject	Board Description	Staff Notes	Date Provided
Complete	High	Boat house and Dock Inspections	After a boat house or dock is approved by the board, is there a way the Lake's staff could circle back to the board and inform them that the Permitted dock or boathouse was built and landscaped in accordance with the permit issued? The process of the building department staff doing this inspection leaves the Lake staff to rely on them and no reassurances are given to the board the structure was completed and is in compliance. Example, Ms. Bell on Lake Drive.	Provided stepwise process to permitting to board	8/2/2024
Ongoing	High	Annexation Updates	Any updates with the annexation of Winter Park, especially as I live on the unincorporated side of the lake. Prep for Annexation. Status and involvement in any city plans to annex the other side of Killarney from Orange County to WP? Where might our board fit into this discussion? Will there be a thorough review of the aging infrastructure on the Orange County side of the lake?		
Ongoing	High	Trash & Debris from all major lake inputs	Clean not only trash and debris from all major lake inputs but in the long term remove chemicals and fertilizers from the input. (Better Lake Quality) Quarterly basis for pipe inspections/OC to be involved.	Quarterly basis for pipe inspections/OC to be involved	Ongoing
Ongoing	High	New Development Notification	Learn about Developer events/projects earlier so that we may have input/impact into what is dumped into our lake.	Shannon will coordinate with P&Z Board for items related to Killarney	5/1/2024
Pending	High	Exfiltration Maintenance	See example/actual agreement regarding requirements for underground retention systems and related cleaning process and timing.	Shannon will bring example of signed maintenance agreement and required documentation	
Pending	High	Modification to Ch 114 for docks & seawalls in Cove	Explore the feasibility of modifying specs and requirements for docks and sea walls for the smaller "lobes" of Lake Killarney. Canal & Cove specifically.	Overview presentation to the board on 9/4. Board to provide direction thereafter. Staff recommends code remains as is as the board already has authority to regulate.	9/4/2024
Pending	High	Managing lake levels/hurricane preparedness		Once study is complete, Guide will be updated	
Ongoing	High	Emergency Response Contact List	Provide annual updated contact list to WPPD & OC	Residents with boats who can assist 1st responders	7/23/2024
Pending	High	Accessing Money	The status of the city replacing their grant writer and who specifically is charged with knowing possible sources of money, and is focused on writing the grants and following up on the grants available, as it relates to our aging infrastructure.	City Commission voted to review budget items	
Ongoing	High	Imperial Update	latest update on the testing and results	Shannon provides update upon report received from FDEP	7/2/2024
Pending	High	Nicolette Pond	Nicolette Pond permitting process and design.		
Ongoing	High	Private Lift Station Maintenance Agreement	Status of private lift station inspection and reporting program to monitor the maintenance compliance of private lift stations in Winter Park or WP's jurisdiction.	David Zusi Provided update to the Board. Agreement is pending deliverable to the Board.	
Ongoing	High	Library & Event Center Parking Additions	Would our board be part of these discussions as it relates to changes around this facility and runoff or reconfiguring MLK POND?	Staff will keep the board up to date on proposed changes to MLK pond that could potentially affect Lake Killarney	Ongoing

Lake Killarney Work Session 2-7-2024
 Prioritization List- To be reviewed annually in May/June Work Session
 Yellow=Priority Favored by Board
 Red= Staff notes regarding request

Ongoing	Low	Alligator Awareness	To know more about out the growing number of gators in the canal/cove. Provided educational flyer and distributed.	Provide educational awareness via mailchimp	5/7/2024
Ongoing	High	CRS	The status of the city joining the Community Rating System (CRS)	City Commission tabled until Jan 2025	6/26/2024
Ongoing	High	Trash recpticles on stormdrains	Trash and recycle bins being place over storm drains with "drains to lakes" placards being on the storm drains and not moving them after collection.	Sustainability will send outreach messaging. Storm drain marking inventory completed	Ongoing
Complete	High	NPDES Permit Overview	Review the NPDES filing including all attachments.	Shannon presented NPDES Overview	2/7/2024
Ongoing	High	Lake Survey Report	When staff conducts a lake survey, is there a report they prepare and could this be provided to the board without much effort? This could include a review of any docks and boat houses that might be in an unsafe condition and track the resolution of the situation with an update to the board?	Staff currently provides a verbal update to inspections including violations reported and outcome for both Lakes & Waterway Board and Killarney Board. Field sheets are not uploaded to any lake Board per resources	Monthly
Pending	High	Drainange Basin Improvements	RECONFIGURING DRAINAGE – The city staff have discussed possible plans to redo the roadway around where the Imperial Laundry was, near Lake Rose. What drainage changes are contemplated and are there plans to connect Lake Rose to any lake that flows, or overflows, into Lake Killarney? How might the board participate in these discussions and potential changes around Lake Rose, especially as it relates to connecting this lake to Lake Killarney? This same discussion as it relates to MLK POND.	No changes to drainage patterns were made during the construction of the southbound right turn lane at Denning Dr and Fairbanks Ave. Staff will keep the board up to date on proposed changes to Lake Rose that could potentially affect Lake Killarney.	
			CONDITION REPORT OF LK STORMWATER SYSTEM – Status of the report on mapping and the condition evaluation of all stormwater outfalls on or around Lake Killarney /cove/ canal. Who's responsible for this project and any update, or is a partial report review possible? I know the city hired an engineering firm and that report is due in about a year; however, I believe Shannon was working on this. Is this still in the works at the staff level?	The basin study report does not include information on the condition of stormwater outfalls.	
			NEW ENHANCEMENTS FOR LK – Where might it be good to include a CDS box if stormwater pipes and outfalls are updated, consolidated and fixed? Will the board be part of this discussion? Are there federal or state funds available for these types of expensive corrections and enhancements? I know staff always considers this enhancement; however, maybe the board could assist with encouragement to the commission to access funds for these environmentally beneficial devices.	FDEP grants funds for stormwater retrofit projects such as this. The City has applied for a grant for a CDS unit at the Shoreview Ave outfall on Lake Killarney in the past, and is applying again this year.	
Pending	High	Lake Data Dashboard	BASIN REPORT PRESENTATION	An overview of the Western Basin Study can be presented once the report is completed.	
Pending	High	Lake Data Dashboard	Status of on-line dashboard	This is still a top initiative for Lakes. Current post Hurricane Grant work that has expiration of funds in March 2025 is taking priority.	

Victoria Tabor

From: Jeanne Wall <jeannewall@outlook.com>
Sent: Wednesday, August 14, 2024 4:18 PM
To: Gloria Eby
Cc: Joyce Cunningham
Subject: [External] Fwd: Annexation

[This email is from an external source. Before clicking any links, hover over them to check the actual address. Avoid opening attachments from unknown senders.]

Communication from February 2024.

FYI

Begin forwarded message:

From: Jeffrey Briggs <jbriggs@cityofwinterpark.org>
Date: February 5, 2024 at 9:18:23 AM EST
Subject: Annexation

Jeanne:

Nothing happening at all.

We need to wait for Orange County to complete the drainage project over in Jim Mitchell's neighborhood so we don't lose that \$1 million dollar project.

 City of Winter Park 401 Park Ave. South Winter Park, FL. 32789 cityofwinterpark.org	Jeffrey Briggs Planning Director Emeritus jbriggs@cityofwinterpark.org 407.599.3440
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Under Florida law, email addresses and written correspondence with the city become public record and must be made available to the public and media upon request (unless otherwise exempt). If you do not want your email address to be public record, please contact our office by phone.

From: Jeanne Wall <jeannewall@outlook.com>
Sent: Saturday, February 3, 2024 9:28 AM
To: Jeffrey Briggs <JBriggs@cityofwinterpark.org>
Subject: [External] Fwd: Annexation

[This email originated outside the City of Winter Park email system. Before clicking on hyperlinks, verify the actual address by hovering over the link. Do not open attachments from unknown or unverified sources.]

Hi Jeff;

Happy Saturday!

Would you have any info on the status of discussions regarding annexing the Orange County side of Lake Killarney?

Anything new or even casual rumblings?

Thank you,

Jeanne Wall

Begin forwarded message:

From: langdon stanley <langdonstan@gmail.com>
Date: February 3, 2024 at 8:54:43 AM EST
To: Jeanne Wall <jeannewall@outlook.com>
Subject: Annexation

Good morning

I have had several residents ask about the status on any proposed annexation. I i'm not able to recollect if there was anything in process or not.

Could this be something that could be brought up as a question at the next meeting or perhaps you have knowledge of it already?

Any information appreciated

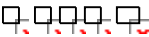
Langdon

Victoria Tabor

From: Gloria Eby
Sent: Wednesday, August 14, 2024 3:07 PM
To: Victoria Tabor
Subject: FW: [External] Fwd: Any Update on Annexation

Follow Up Flag: Follow up
Flag Status: Completed

 City of Winter Park 401 Park Ave. South Winter Park, FL. 32789 cityofwinterpark.org	Gloria Eby Director Natural Resources & Sustainability c: 407.599.3471
---	--



----- Original message -----
From: Jeanne Wall <jeannewall@outlook.com>
Date: 8/14/24 3:03 PM (GMT-05:00)
To: Gloria Eby <geby@cityofwinterpark.org>
Cc: Joyce Cunningham <jimjo46@aol.com>
Subject: [External] Fwd: Any Update on Annexation

[This email is from an external source. Before clicking any links, hover over them to check the actual address. Avoid opening attachments from unknown senders.]

FYI from July 2024.

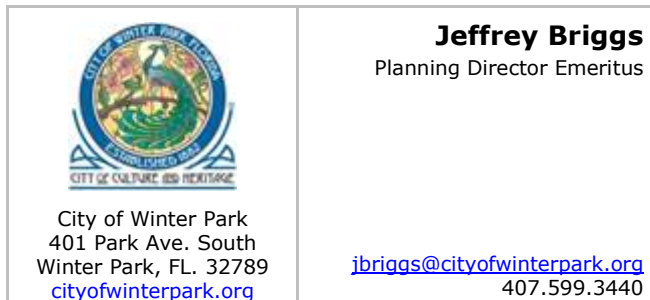
Begin forwarded message:

From: Jeffrey Briggs <Jbriggs@cityofwinterpark.org>
Date: July 3, 2024 at 3:05:05 PM EDT
Subject: RE: Any Update on Annexation

Jeanne:

Nothing has happened. There is no staff or money to hire a public relations team to organize an annexation effort and meet with commercial and residential property owners to organize people who are not interested in being annexed into an advocacy group that can get a voter referendum approved.

As a result, there has been nothing to keep your board up-to-date on.... because nothing is happening.



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From: Jeanne Wall <jeannewall@outlook.com>
Sent: Wednesday, July 3, 2024 2:45 PM
To: Jeffrey Briggs <JBriggs@cityofwinterpark.org>
Subject: [External] Any Update on Annexation

[This email is from an external source. Before clicking any links, hover over them to check the actual address. Avoid opening attachments from unknown senders.]

Thanks Jeff.

Hope John is successful with this drainage correction. Sorry it's taking so long.

***** Any other current discussions on annexing property currently located in Orange County (around Fairbanks, Minnesota, Formosa) into Winter Park?

The Lake Killarney Board was interested in an update on this matter (from our February 2024 emails) and requested to be kept in the loop if possible.

Any current annexation discussions?

Thanks,

Jeanne

On Jul 3, 2024, at 1:24 PM, Jeffrey Briggs <jbriggs@cityofwinterpark.org> wrote:

Jeanne:

Below is the update from John Mitchell. Thank goodness he is pushing this or it would never happen.



Under Florida law, email addresses and written correspondence with the city become public record and must be made available to the public and media upon request (unless otherwise exempt). If you do not want your email address to be public record, please contact our office by phone.

From: John Mitchell <jcm7112@gmail.com>
Sent: Wednesday, July 3, 2024 12:27 PM
To: Jeffrey Briggs <jbriggs@cityofwinterpark.org>
Cc: Micky (Christa) Grindstaff Attorney <MGrindstaff@shutts.com>
Subject: [External] Re: Drainage project: 145 Killarney Dr.

[This email is from an external source. Before clicking any links, hover over them to check the actual address. Avoid opening attachments from unknown senders.]

Jeff,

Thanks for reaching out.

OC completed their Appraisal, and presented me with a Contract (in March) for purchasing necessary the easements for the installation of their (2) new, larger drain pipes. And pursuant to the County's suggestion, I also hired an attorney to handle this matter: Micky Grindstaff @ Shutts & Bowen—I'm sure you know him well.

We've been in a stall now for 4-5 mos. I wish I could give you a time certain, but OC has been saying they have this project in their Legal Dept for 2-3 mos. They keep telling me "the Legal Dept should be done by next week" (next week started back in May).

Maybe you can provide me some reason why the "City WP needs this project to be done", and I will gladly pass it along to the County. Or feel free to personally call the head project guy, George Shupp @ OC Roads & Drainage (407) 836-7903.

I will let you know when I hear something.

John

John C. Mitchell, Attorney
Mitchell Law
321.277.5300
Sent from my iPad

On Jul 2, 2024, at 11:15 AM, Jeffrey Briggs
<jbriggs@cityofwinterpark.org> wrote:

John:

Do you when/if your drainage pipe replacement project from Orange County is happening ?

<image007.jpg> City of Winter Park 401 Park Ave. South Winter Park, FL. 32789 cityofwinterpark.org	Jeffrey Briggs Planning Director Emeritus jbriggs@cityofwinterpark.org 407.599.3440
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Under Florida law, email addresses and written correspondence with the city become public record and must be made available to the public and media upon request (unless otherwise exempt). If you do not want your email address to be public record, please contact our office by phone.



Lake Killarney Board

agenda item 7.c

item type

Staff Updates

meeting date

September 4, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Past & Upcoming Events

- Howell Branch Clean-up - 8/24 9a @ 2917 Temple Trail
- Fix it! Don't Pitch It - 9/7 9a @ Winter Park Events Center
- Orange County Lake Killarney Advisory Board Meeting - 9/12 5p @ Public Safety Building (500 N Virginia Ave)
- Paddleboard Clean-up - 9/14 9a @ Kraft Azalea to Dog Island
- Wood Duck Box Workshop - 9/14 9a @ MLK Jr. Park
- Sustainability Fair & EV Car Show - 9/21 9a @ West Meadow
- Get Hooked! - 10/5 7a @ MLK Pond
- 2024 Backyard Biodiversity Day - 10/19 9a @ Mead Garden
- Lake Shoreline Restoration - 10/19 9am @ Temple & Tuscany

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None



Lake Killarney Board

agenda item 7.d

item type

Staff Updates

meeting date

September 4, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Stormwater Management

- CIP Update
- Nicolet Pond, Killarney Dr. Pipe Replacement, & Lake Bell Weir Project Timeline
- Lake Front Construction Updates

Follow-up Items:

- Private Exfiltration Letter
- BMP Feasibility Study for Killarney Dr. Outfall Consolidation (when available)
- Outfall Condition Update

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

1. SW Update 9.24 Lake Killarney Board

Stormwater Staff Update

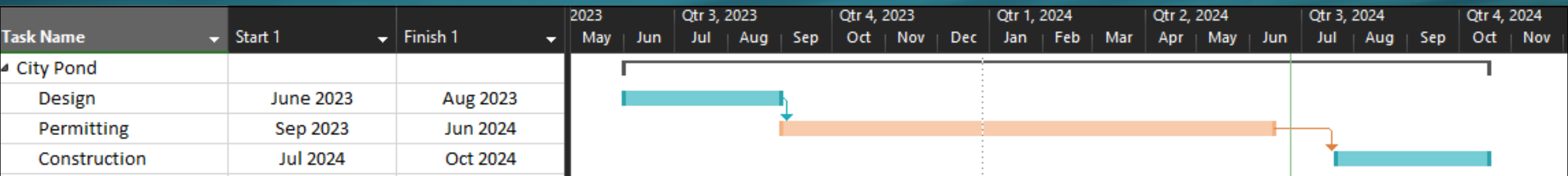
Lake Killarney Board Stormwater CIP – Fiscal Year 2024

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	\$42,964	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 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 40% complete, survey is now complete. Phase 1 permit application with SJRWMD has been submitted. Waiting on reposnse from District.
				2) <u>Stormwater Outfall Dredging</u> - The City recently entered a new contract, dredging on several stormwater outfalls started in Aug 2023, and will continue as needed.
				3) <u>Ward Park ponds construction</u> - Estimated cost \$150k. NE and NW Pond excavation and sodding is complete. Piping installation started May 2024.
				4) <u>Pipe Repair at Summer Way</u> - Corrugated metal pipe replacement. COMPLETE.
				5) <u>Killarney Dr Outfall & Street Repairs Phase 1</u> - New outfall to replace two exisiting outfalls. Permit with SJRWMD to be submitted April 2024. Anticipated Construction August 2024.
565203	Lk. Bell Weir Outfall Improvements -	2009	\$69,223	Repairs may be required on the Lake Bell outfall weir. Preliminary concept and geotechnical evaluation are complete. Final plans and permitting are underway.
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	\$733,295	The Interlocal Agreement was approved by the City Commission and by the Seminole County Commission. 60% plans completed and submitted to Seminole County. Phase I permit application has been submitted to SJRWMD.
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	\$199,850	Commission approved \$200,000 in the City's FY'23 budget. General permit application and RAI has been submitted.
565217	Stirling Bridge Replacement	2024	\$224,575	Updates required for price estimate.
565210	Fawsett Road CDS Unit	2024	\$200,000	Seeking permit exemption with SJRWMD.
	Curb Implementation	2024	\$50,000	
	TOTALS			
	3023406 ACTIVE STORMWATER CIP's		\$1,519,907.22	BALANCE TOTAL

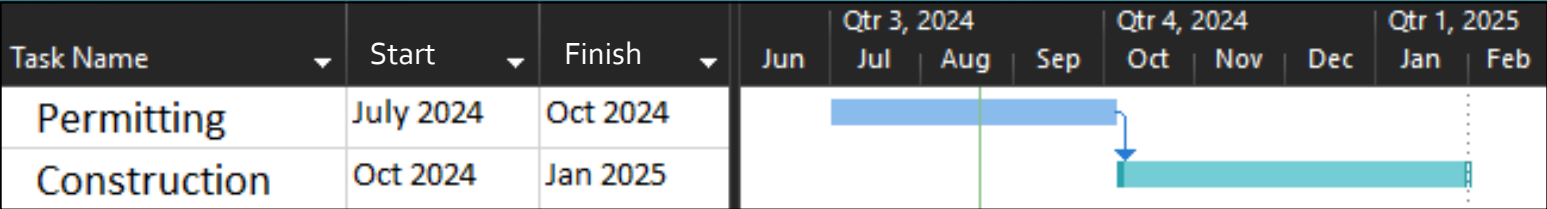
Staff Update - Infrastructure Projects

Lake Killarney Board

Nicolet Pond – Estimated Schedule



Killarney Dr Pipe Replacement – Estimated Schedule



Staff Update - Infrastructure Projects

Lake Killarney Board

Lake Bell Weir Repair



Staff Update - Infrastructure Projects

Lake Killarney Board

Lake Bell Weir Repair



Stormwater Staff Update

Lake Killarney Board



Stormwater Staff Update

Lake Killarney Board

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



Lake Killarney Board

agenda item 8.a

item type

Board Comments

meeting date

September 4, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Discussion of Public Comments Received

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None

**item type**

Upcoming Agenda Items

meeting date

September 4, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Upcoming Agenda Items

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None

**item type**

Upcoming Agenda Items

meeting date

September 4, 2024

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Summary of Meeting Action Items

motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

None