



Lake Killarney Board Regular Meeting

Agenda

May 7, 2025 @ 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 March 5, 2025 | 1 Minute |
| b. Approve the minutes of April 2, 2025 | 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. Orange County Update | 10 Minutes |
| b. Lakes Management | 10 Minutes |
| <ul style="list-style-type: none"> • Lake Elevation • Water Quality • Treatments - Outfalls • Hazardous Algal Bloom Update • Maintenance & Efforts • Hurricane Preparedness • Prioritization List | |
| c. Past & Upcoming Events | 5 Minutes |
| <ul style="list-style-type: none"> • Run for the Trees/Earthday Block Party - 4/26 8am @ Ward Park • Shoreline Restoration - 5/3 9am @ Lakes Temple & Tuscany • Gardening Day - 5/3 9am @ Winter Park Meadows at Margaret Square • Fix It! Don't Pitch It - 5/17 9am @ Events Center • Ballroom Dance Lessons - Monday Nights @ Community Center | |
| d. Stormwater Management | 10 Minutes |
| <ul style="list-style-type: none"> • CIP Update | |

- Killarney Dr. Pipe Replacement Timeline
- Lakefront Construction Updates
- Library & Event Center Additional Parking - Lake Mendsen Update
- Orange County Killarney Dr

Follow-up Items

- 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

May 7, 2025

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

Approve the minutes of March 5, 2025

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

1. LKB-mins-2025-03-05 DRAFT SM edit



Lake Killarney Board Regular Meeting Minutes

March 5, 2025 at 10:00 AM

City Hall Commission Chambers
401 S. Park Avenue

Present

Carolyn Minear, David L. Dickerson, Ellen Hencken, Jason K. Ellison, Joyce D. Cunningham, William Voecks (Virtual), Brian King

Staff Present

Assistant Director of Public Works Don Marcotte, Public Works Engineer Shannon Monahan, Lakes Division Manager Joseph Cordell, Lakes Specialist Daniel Barber, Administrative Assistant Victoria Tabor

Also Present:

Orange County Senior Environmental Specialist Nidia Volpe (Virtual)

1. Call to Order

Jason Ellison called the meeting to order at 10:05 a.m.

2. Consent Agenda

- a. Approve the minutes of February 5, 2025

Motion made by Ms. Minear to approve the minutes, seconded by Ms. Cunningham. Motion carried unanimously with a 7-0 vote.

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

Jeanne Wall expressed special appreciation and recognition to Joyce Cunningham, one of the founding board members. Ms. Cunningham conveyed her gratitude to the staff and both previous and current board members. She will not attend the April meeting.

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

Ms. Volpe provided updates on the Orange County side of Lake Killarney. A few high school students removed old storm drain markers and replaced them with new ones throughout the area. During the next Orange County Lake Killarney meeting, scheduled for March 13th, costs will be presented associated with adding street sweeping as a

routine service for the Orange County portion of the lake. If approved by the board, street sweeping would be performed weekly.

Jason asked why the markers were removed. Ms. Volpe explained that the decals at the inlets where water enters the storm drain system were worn out and faded. The students participated in a service project that allowed them to remove these old markers in exchange for community service hours. The message on the markers said, "Only rain down the drain." They also created door hangers for residents to explain the purpose of the markers and to share information about not pouring harmful substances, such as leaves and waste, down the drain.

Ms. Volpe addressed the question regarding the previous sweep schedule, which occurs every six weeks. The upcoming meeting is scheduled for 5:00 PM on March 13, 2025, at the Police Department.

Mr. Voecks inquired about the locations of the markers. Ms. Volpe indicated that they were primarily placed to the west and south near the lake.

Ms. Minear asked if there had been any updates on the drainage project concerning easement rights. Ms. Volpe responded that at the last meeting, John Mitchell mentioned they were still reviewing the agreements with their attorneys. She will obtain another update from him at the next meeting and report back.

b. Lakes Management

- Lake Elevations
- Water Quality
- Treatments (No Update)
- Maintenance & Efforts

Mr. Cordell addressed the algae bloom, reporting the brown reddish algae to the Department of Environmental Protection (DEP) who came out and conducted the sampling. The brown algae is not considered hazardous; however it does release a significant amount of oils and hydrocarbons creating a distinctive smell. We received numerous reports from residents living around the lake. It lasted about a week before dissipating. The results can be found on the DEP algae dashboard.

The DEP detected microcystins at a level of 3.2 micrograms per liter. They regularly sample during bloom events and will continue to sample until the microcystin level is zero. The first sample was taken on the 10th, followed by a second sample on the 17th, which showed a decrease from 3.2 to 1.2. Weather changes typically trigger events for the bloom. We will send a follow-up email and include the DEP dashboard information for the residents.

The water quality report was for November and December, for phosphorus, nitrogen and clarity. TSI has not been included in this round because the chlorophyll was not prepared for the report. The nitrogen appears to be an anomaly because it is very low. We are currently awaiting a final report from Orange County to verify this information.

On January 22, there was an elevation spike due to a rain event. We also have data from BioBase. The slides provide a seasonal comparison between the summer of last year and February of this year, showing a reduction in total vegetation coverage. BV stands for biovolume, which represents the percentage of vegetation in the water column. If the indicator is red, it means the vegetation has reached the surface. Our target is to maintain between 30% and 60% vegetation coverage.

Maintenance and Efforts: 5 gallons of debris and 35 gallons of trash have been removed.

Mr. Elliison questioned the decrease in the level of Lake Killarney. Mr. Cordell agreed that it was due to a lack of rain events because the current level is 81.6.

Mr. Cordell presented a map showing the flow of water in and out of Killarney. He explained that water enters from Lake Bell travels through the canal and then feeds into Lake Gem. He explained short-circuiting, noting that some water that originates from Lake Bell may not flow into the main body of the lake. The main body of the lake is also fed by groundwater seepage rather than natural springs. Ms. Tabor will email the map to the board members.

Mr. Cordell announced the upcoming events. Ms. Tabor asked anyone with questions regarding the hazardous waste to call her.

c. Upcoming Events

- Household Hazardous Waste Drop-off - 3/8 8am @ Cady Way Pool
- Orange County Lake Killarney Advisory Board Meeting - 3/13 5pm @ Public Safety Building (500 N Virginia Ave.)
- Weed Wrangle - 3/15 9a @ Mead Gardens
- Shoreline Restoration - 3/22 9am @ Lake Berry
- Candlelight Yoga - 3/22 7pm @ Mead Gardens
- The Great Duck Derby - 3/29 10am @ Mead Gardens

d. Stormwater Management

- CIP Update
- Killarney Dr. Pipe Replacement Timeline
- Upcoming Development
- Lake Front Construction Updates

Follow-up Items:

- Outfall Condition Update

Ms. Monahan presented the updated CIP and announced the final schedule for Lake Killarney Drive. The project will start during the week of April 14th.

A larger lakeside development is planned, which will consist of three individual lots for single-family homes located at the corner on the edge of the Orange County and Winter

Park line. The project is currently in the permitting phase for sitework and utility installations. Originally, this area was one large site with nothing on it except for an existing pond in the northeast corner that served an off-site commercial development. The developers are required to maintain the pond's volume and function. They have reduced the footprint of the pond while making it deeper and adding retaining walls. Additionally, two swales will be constructed to manage runoff from the properties; any overflow will be directed into the lake. Another advantage is that these homes will be connected to sewer services, sharing an upgraded lift station with the nearby condominiums.

The permit for the 2054 Lake Drive boat dock is inactive; it was issued but there has been no progress. A discussion on permitting extensions took place, and Ms. Monahan will conduct further research and report back to the board.

The outfall condition has not yet been completed. Mr. Marcotte explained that once stormwater receives its own cameras, it will allow for greater flexibility in scheduling all stormwater inventory inspections.

8. Board Comments

Ms. Cunningham inquired about the status of the buoys and markers. Mr. Cordell informed her that revisions had been made to the ordinance, including the addition of actual coordinates and more detailed descriptions. The next step is to present the ordinance to the City Commission. The Florida Fish and Wildlife Conservation Commission (FWC) requires a city ordinance before the city can apply for their approval, which is necessary for any type of enforcement. Mr. Cordell will consult with Ms. Eby regarding the draft of the ordinance and will provide an update to the board.

- a. Discussion of Public Comments Received

9. Upcoming Agenda Items

- a. Upcoming Agenda Items
- b. Summary of Meeting Action Items

Ms. Monahan provided a summary of the meeting action items related to stormwater. She will investigate the maximum duration for extending a permit from its initial issuance and clarify the process for requesting an extension.

Mr. Cordell provided a summary of the meeting action items concerning lakes, which includes an update on the buoys and the DEP's algae sampling.

10. Adjournment

The meeting adjourned at 10:52 a.m.

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



Lake Killarney Board

agenda item 2.b

item type

Consent Agenda

meeting date

May 7, 2025

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

Approve the minutes of April 2, 2025

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

1. LKB-mins-2025-04-02 DRAFT GE SM



Lake Killarney Board Regular Meeting Minutes

April 2, 2025 at 10:00 AM

City Hall Commission Chambers
401 S. Park Avenue

Present

Carolyn Minear, David L. Dickerson, Ellen Hencken, Jason K. Ellison, William Voecks

Absent

Joyce D. Cunningham, Brian King

Staff Present

Director of Natural Resources and Sustainability Gloria Eby, Assistant Director of Public Works Don Marcotte; Public Works Engineer Shannon Monahan, Lakes Division Manager Joseph Cordell, Lakes Specialist Daniel Barber, Administrative Assistant Victoria Tabor

Also Present:

Orange County Senior Environmental Specialist Nidia Volpe (Virtual)

1. Call to Order

The meeting was called to order at 10:04 am.

Staff informed the previous months minutes will be included on the next agenda.

2. Public Comments (for items not on the agenda): Three minutes allowed for each speaker

John Mitchell, 145 Killarney Drive was asked by Jeanne Wall to provide the board an update on the drainage situation at Lake Killarney, an issue that has persisted for about five years. Each rainstorm causes overflow that remains unprotected. It was reported to Orange County which conducted a study that was presented in January 2024. The county spent \$280,000 on a 248-page report, and three of the four engineering study recommendations were ineffective. The fourth study proposed two new easements through his lake frontage and using larger pipes. One existing pipe is completely collapsed, and the other, partially collapsed, is under his dock of 40 years, restricting access. The county said he needed to hire a lawyer for the acquisition, costing \$5,000 in legal fees. His lawyer communicated monthly for 11 months, but they never assigned the case to an attorney until eventually, it was assigned to a woman who decided in two days on pipe placement. Mr. Mitchell informed that he is reaching out to the new county commissioner, Ms. Semrad, in his capacity as a member of the Orange County Lake Killarney Advisory Board. Furthermore, Jeanne Wall requested an update to this board in pursuit of resolution assistance.

Ms. Eby asked the board if they wanted to discuss Mr. Mitchell's comments by moving to Item 7a, as Item 2 has a 3-minute limit that had elapsed. She noted Ms. Volpe from

Orange County was online. Mr. Dickerson asked if replacing the pipe would lead to partial improvement or wasting money. Mr. Mitchell responded that it's a non-working patch.

Mr. Voecks mentioned the original plan included debris capture devices that would also be removed. He stated it's best to stay involved but noted it's not Winter Park's purview since this is on Orange County's side however needed an update from the Orange County representative. Ms. Eby confirmed that staff attends the Orange County Lake Advisory meetings, but no updates have emerged as they have been waiting for attorneys to handle the easement language. Ms. Eby cautioned that this topic should have been considered as an agenda item for full board discussion and that utilizing public comment, limited to 3 minutes, is not the proper proceeding to follow. It was understood Mr. Mitchell was unaware of the proper proceedings and was being prompted by Jeanne Wall.

Discussion continued under Item 7a.

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

4. Action Items

5. Non-Action Items

6. Staff Updates

a. Orange County Update

Nidia Volpe announced that the Orange County Lake Killarney Board approved weekly street sweeping for the Lake Killarney watershed. Biscayne Avenue was excluded due to inadequate curb type. The next meeting will be quarterly after the Winter Park meeting.

b. Lakes Management

- Lake Elevations
- Water Quality
- Treatments (No Update)
- Hazardous Algal Blooms Update
- Maintenance & Efforts

Daniel Barber provided updates on Lake Killarney.

Elevation - from February 20 through March 12, peaking at 81.7 on March 11.

Water Quality - Phosphorus levels are decreasing in the cove; the nitrogen anomaly from November was verified; clarity has decreased in the main section; TSI remains the same as last month but now includes chlorophyll.

Treatments - no treatments were performed, but inspections were conducted to identify locations for spot treatments scheduled next week. The Florida Department of Environmental Protection (FDEP) conducted follow-up samples on the hazardous algal blooms on March 6 and March 24.

A precautionary advisory is still in effect. Staff does not determine public safety. Instead, recommendations from the Department of Health are provided. Mr. Ellison inquired about swimming. Ms. Eby explained that the city follows a standard operating procedure (SOP) from the Department of Health regarding lake advisories which is precautionary, allowing the public to make decisions based on their preference and rights differentiating the roles of lake managers and public health officials.

Ms. Eby explained to the board, following Mr. Voeck's inquiry, that different water quality criteria related to fecal coliform (bacteria) hazards are set by the state under FDEP. In the event of a declared state of emergency, such as a hurricane where contaminants and hazards are entering a waterbody, city can issue lake closures. A statewide initiative was enacted by the Governor called Protect Florida during times when hazardous algal blooms (HABs) are present and referred to the dashboard available on-line. In response to Mr. Dickerson's question about how to control the increase in HABs, Ms. Eby explained that there has been a regional rise in HABs across the State due to altered conditions that foster their growth, such as more intense storms and extended warmer seasons. The Protect Florida initiative funds FDEP to sample and provide microcystin data as well as innovative technology grants for treating and controlling HABs. Rainfall, rising temperatures, and increased CO2 contributes to the increases of HABs.

Staff sent an update to the Lake Killarney community regarding the current HAB. The board was asked to assist in expanding the list of participants for link notifications. Ms. Minear appreciated the information staff sent but requested more precautionary advice. Ms. Eby explained to Ms. Minear that the city cannot supersede the Department of Health in public health and safety messaging. Links to the FDEP and Department of Health for additional HAB information were noted to be shared in the lake advisory issued.

Maintenance & efforts - 5-gal debris removed, 45-gal trash removed

Mr. Cordell reviewed past and upcoming events.

c. Past & Upcoming Events

- The Great Duck Derby - 3/29 10am @ Mead Gardens
- Great American Clean-up - 4/5 9am @ Multi-locations
- Gardening Day - 4/12 9am @ Winter Park Meadows at Margaret Square
- Run for the Trees/Earthday Block Party - 4/26 8am @ Ward Park
- Shoreline Restoration - 5/3 9am @ Lks Temple & Tuscany
- Ballroom Dance Lessons - Monday Nights

d. Stormwater Management

- CIP Update - Ms. Monahan presented the complete CIP for the city.

- Killarney Dr. Pipe Replacement Timeline - The Killarney Drive pipe replacement project is progressing. The equipment faced delays of two to three weeks.
- Infrastructure Projects - There is a CRA effort to rebrick the Killarney Drive area, which will be carried out in phases. Phase one will focus on the remediation of the drainage improvement project, and the roads will be closed to through traffic.
- Lakefront Construction Updates - The open construction permits for lakefront properties were presented.
- City Permit Renewal Information - Ms. Monahan explained the permit extension process for both active and expired permits.

Follow-up Items

- Outfall Condition Update – No updates.

7. Board Comments

Mr. Marcotte will have a brief conversation with Orange County public works on the issue John Mitchell raised and will share it with the board.

Mr. Ellison commented that the lakeside canals look nice with the purple flowers. Staff will continue with shoreline embankment plantings as invasives are controlled.

Ms. Eby informed the board about complaints received regarding a waste management vehicle entering the office complex at 3 a.m., disturbing residents. Staff is working to identify the vehicle and address the issue.

a. Discussion of Public Comments Received

Ms. Volpe stated that Mr. Mitchell is the most knowledgeable as the property owner. The issue is with the attorneys to establish an easement on the property for long-term maintenance. It involves an in-kind pipe replacement, not altering anything else. Initially, they sought alternatives rather than replacement. A study on bioswales, opposed by the community was presented, leading them back to Mr. Mitchell's outfall pipe. Currently, county might not need an easement due to in-kind replacement however this is with the attorney's office as they will inform public works once determinate.

Ms. Eby asked if the holdup is legal issues involving Orange County or the personal property owner. Mr. Mitchell replied they reached a tentative agreement over a year ago on two new easements for 24/28 inch pipes, increasing capacity. This was coordinated between George Shupp (roads and drainage) and Steve Cochran (real estate acquisitions). The legal department delayed it for 11 months; finally, it was assigned, and someone deemed a simple patch was sufficient. As the owner, he is unaware of an easement dispute. Mr. Marcotte mentioned there's no issue with the easement if the existing pipe is replaced as is. However, Mr. Mitchell noted that

replacing the collapsed pipe prevents installing a larger one under his dock. Mr. Marcotte agreed on acquiring the easement and relocating the pipe, offering to discuss it with Orange County public works.
Discussion then moved to Item 6: Staff updates.

8. Upcoming Agenda Items

a. Upcoming Agenda Items

Unanimous agreement on receiving updates regarding John Mitchell's issue.

Update from Don Marcotte's brief conversation with Orange County Public Works.

The HAB advisory will continue until it is no longer present.

Mr. Voecks requested updates on MLK Park additions. Ms. Eby suggested receiving information online or attending the Parks Advisory Board meetings for activities related to Parks and Recreation. The parking lot permit information will be updated as it becomes available.

b. Summary of Meeting Action Items

Update on the Mitchell easement.

9. Adjournment

The meeting adjourned at 11:21 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

May 7, 2025

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

May 7, 2025

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Lakes Management

- Lake Elevation
- Water Quality
- Treatments - Outfalls
- Hazardous Algal Bloom Update
- Maintenance & Efforts
- Hurricane Preparedness
- Prioritization List

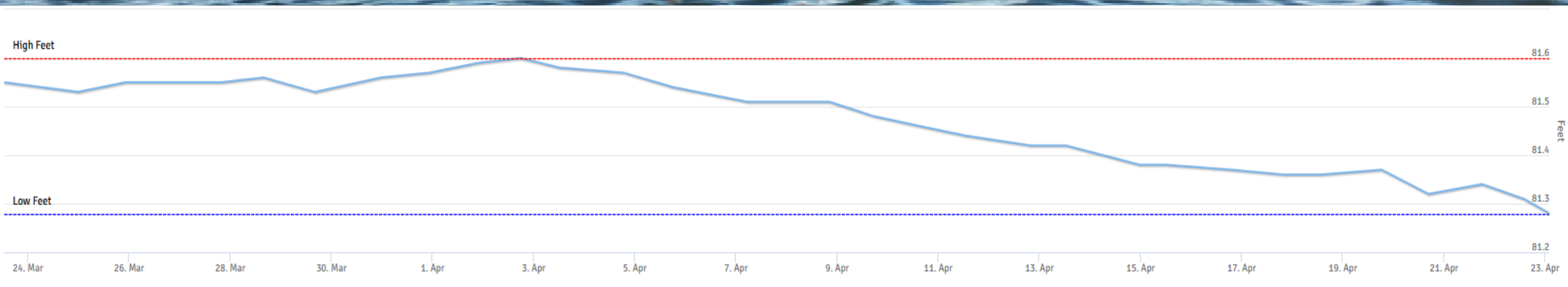
motion | recommendation**background****alternatives | other considerations****fiscal impact****attachments**

1. Lake Update 05.2025
2. Hurricane Preparedness 2025
3. Adaptive Flood Management Guide - May 2025
4. Prioritize list LKB-2025

LAKE UPDATE:

- Elevations
- Water Quality
- Treatments - Outfalls
- Hazardous Algal Bloom Update
- Maintenance and Efforts:
 - 20-gal Debris Removed
 - 13-gal Trash Removed
- Upcoming Events
 - Run for the Trees/Earthday Block Party – April 26th 8am @ Ward Park
 - Shoreline Restoration – May 3rd 9am @ Lake Temple & Tuscany
 - Fix It! Don't Pitch It – May 17th 9am @ Events Center

Lake Killarney Elevation



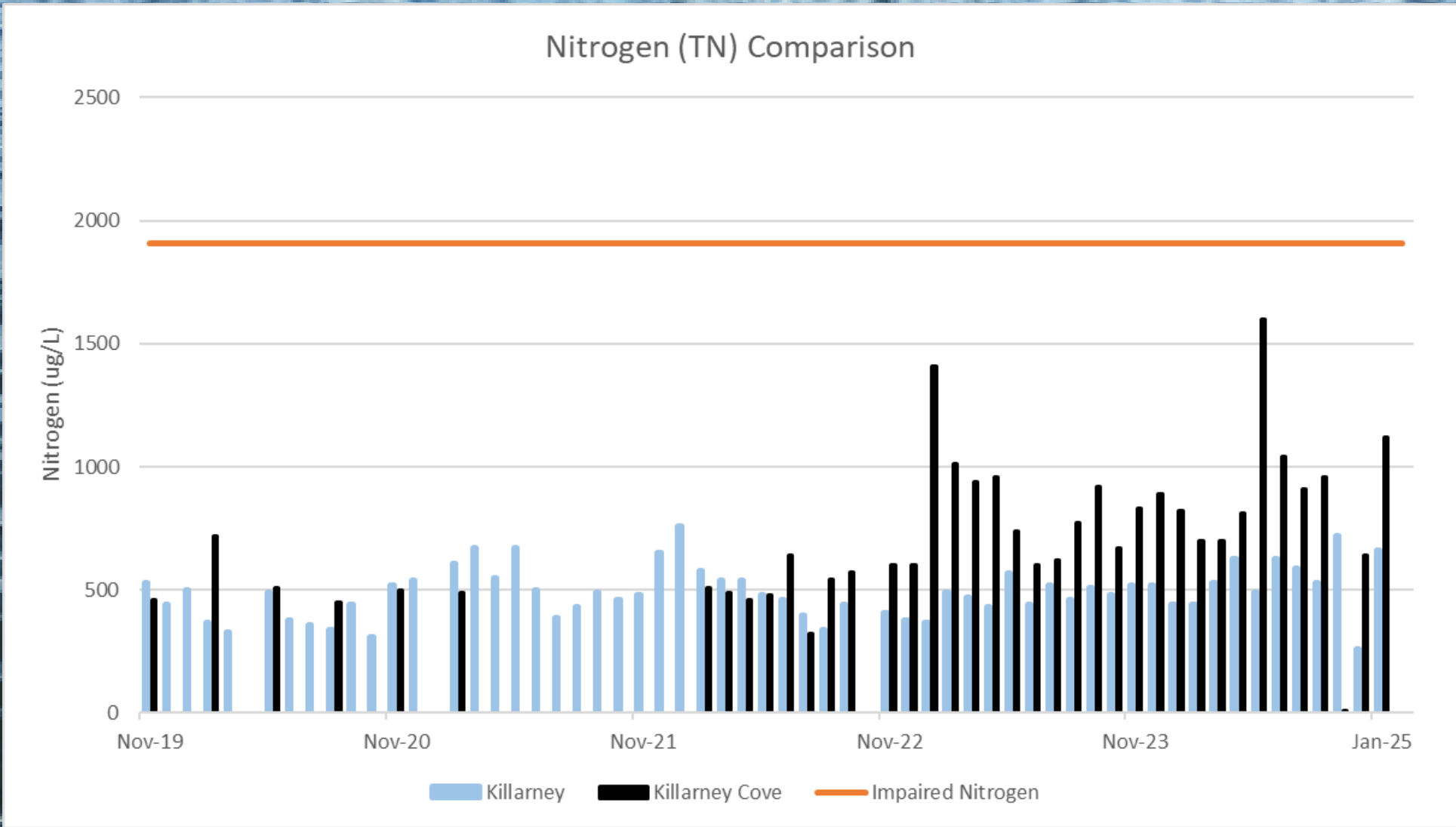
Phosphorus (TP) Comparison

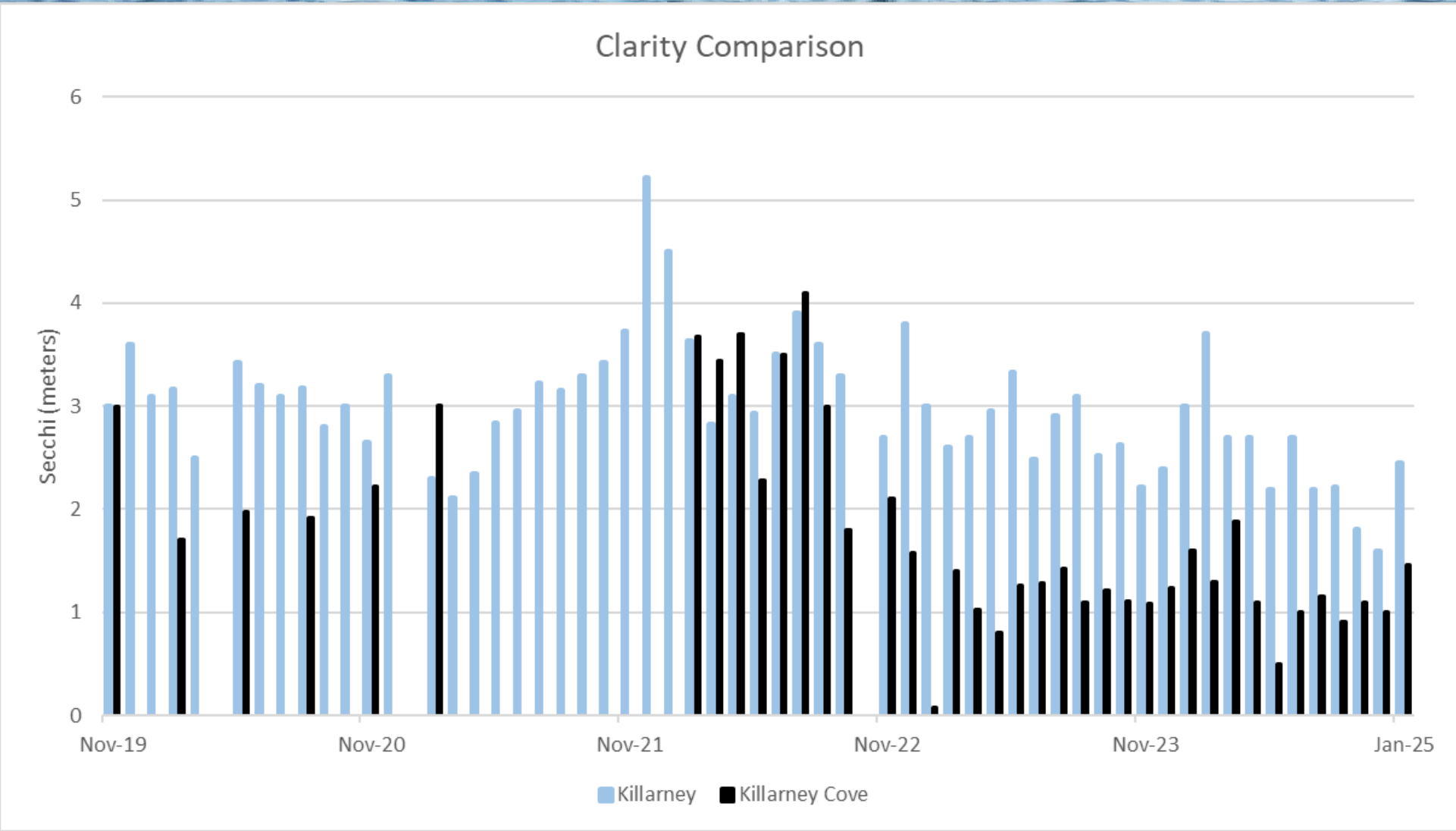
Phosphorus (ug/L)

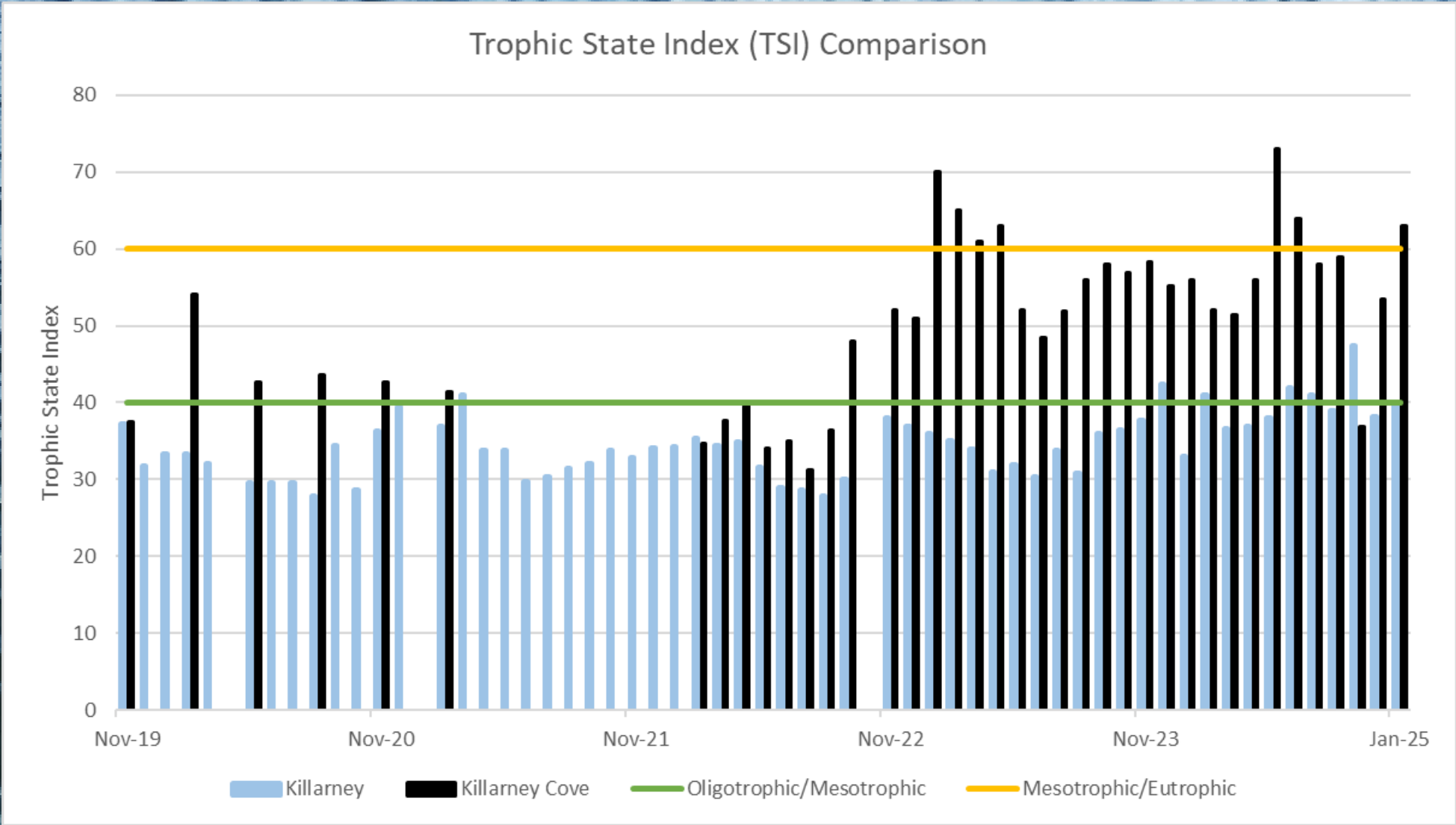
Nov-19 Nov-20 Nov-21 Nov-22 Nov-23 Jan-25

Killarney Killarney Cove Impaired Phosphorus

Date	Killarney (ug/L)	Killarney Cove (ug/L)
Nov-19-01	10	12
Nov-19-02	6	17
Nov-19-03	9	19
Nov-19-04	7	7
Nov-19-05	10	19
Nov-19-06	6	7
Nov-19-07	8	17
Nov-19-08	6	12
Nov-19-09	8	26
Nov-19-10	12	11
Nov-19-11	7	16
Nov-19-12	10	7
Nov-19-13	8	13
Nov-19-14	10	10
Nov-19-15	7	10
Nov-19-16	9	11
Nov-19-17	11	10
Nov-19-18	6	13
Nov-19-19	15	15
Nov-19-20	10	17
Nov-19-21	8	12
Nov-19-22	6	14
Nov-19-23	6	13
Nov-19-24	6	15
Nov-19-25	6	25
Nov-20-01	10	51
Nov-20-02	11	40
Nov-20-03	11	59
Nov-20-04	14	60
Nov-20-05	10	54
Nov-20-06	9	50
Nov-20-07	8	53
Nov-20-08	8	34
Nov-20-09	10	28
Nov-20-10	6	28
Nov-20-11	13	47
Nov-20-12	9	37
Nov-20-13	12	46
Nov-20-14	26	36
Nov-20-15	21	39
Nov-20-16	15	40
Nov-20-17	16	45
Nov-20-18	16	35
Nov-20-19	18	67
Nov-20-20	15	47
Nov-20-21	15	49
Nov-20-22	15	44
Nov-20-23	15	50
Nov-20-24	15	37
Nov-20-25	15	51







Hurricane Preparedness 2025



Hurricane Preparedness: 2025 Season

Dept of Natural Resources & Sustainability

- Multiple labs on standby-by ready to receive lake samples. (Completed)
- Coordinate with Water/Waste Water lab to ensure coverage in the event of scheduled PTO
- High water elevation closure: >66.1 ft (NAVD 88) (Established Elevation)
- Installed closure gates to ramp and parking at Dinky Dot Park

Hardening for Future Storms

- Provide advance alert notifications for potential impacts to high-risk areas (i.e. flooded areas, Special Flood Hazard Areas)
- Vulnerability Assessment Study: Provides modeling for 100/500 year storms identifying vulnerable critical infrastructure
- Assist Public Works with stormwater modeling efforts city-wide

Hurricane Preparedness 2025



CITY OF WINTER PARK *INTERIM PLAN* ADAPTIVE FLOOD MANAGEMENT GUIDE OCTOBER 2023

In May of 2023, the National Hurricane Center (NHC) changed its Tropical Weather Outlook notification from five-days to seven-days. The NHC extended the outlook due to technological advancements with satellites and modeling stating that seven-day forecasts are just as reliable as the five-day forecasts.

With this technological development, daily active management of lake levels within the City of Winter Park will occur upon issuance by the National Hurricane Center (NHC) that tropical activity has been identified for the new Seven-Day Outlook. Protocols and procedures will further be enacted when the NHC's projected cone touches the Central Florida Region as defined below, whereby the active management of lowering lake levels will occur according to the spi guide. In addition, annual notification to the Florida Department of Environment in writing, is required for implementing drain well activities. City Manager override flood management policy if circumstances dictate doing so. Any the reasoning, shall be documented in writing.

This guide was developed in collaboration with the Lakes & Waterways and Boards to empower the City's professional staff on adaptive lake management.

Seven-Day Outlook:



Example of Storm Activating Central Florida



NATURAL RESOURCES & SUSTAINABILITY DEPARTMENT CHECKLIST

During National Hurricane Season, June 1st to November 30th, the Lake Bell top weir board will be removed.

168 hours (7 days) prior to storm at any time of the year

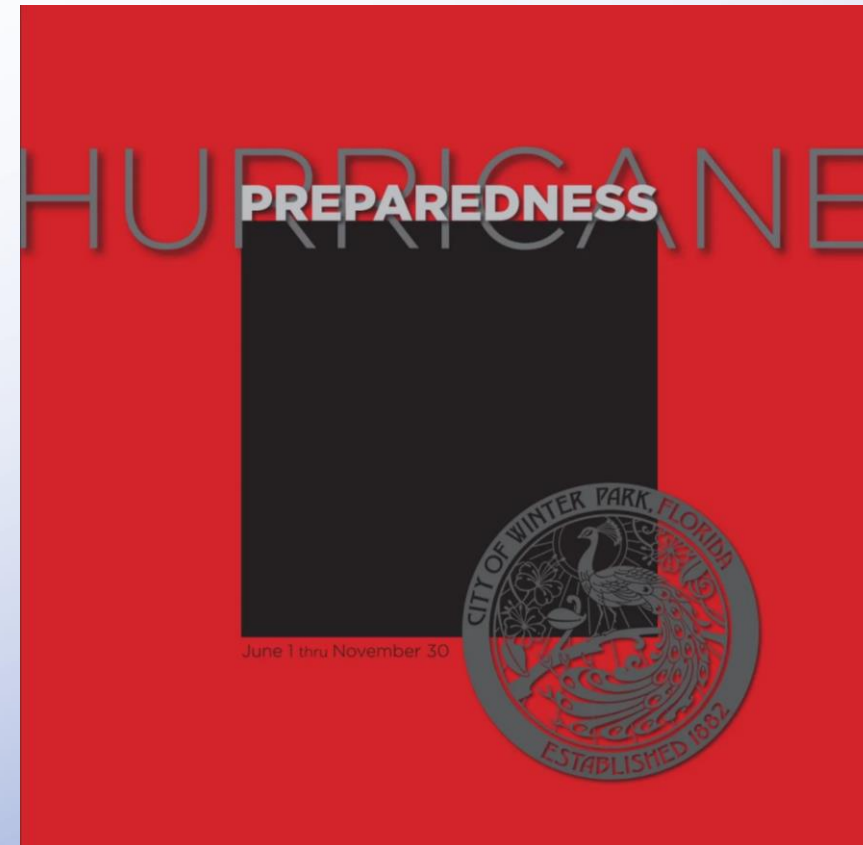
- Monitor storm models via National Hurricane Center's (NHC) Seven-Day Tropical Weather Outlook.
- Refer to established protocol under City of Winter Park's Flood Management Guide.
 - Lower lake elevations, where permissible.
 - Lake Killarney's six drain well risers and Lake Bell top weir board will all be removed in advance whereby the track issued by the National Hurricane Center cone touches the Central Florida region and replace when storm is no longer a threat.

120 hours (5 days) prior to storm

- Monitor storm models.
- Provide staff with tracking sheets for manpower hours and equipment usage for Federal Emergency Management Agency (FEMA) records.
- Notify laboratory of potential lake sample submittals. Coordinate with water & wastewater laboratory manager.
- Inspect control and outflow structures located on the lakes, including leaf trap devices; maintain free and clear of debris.

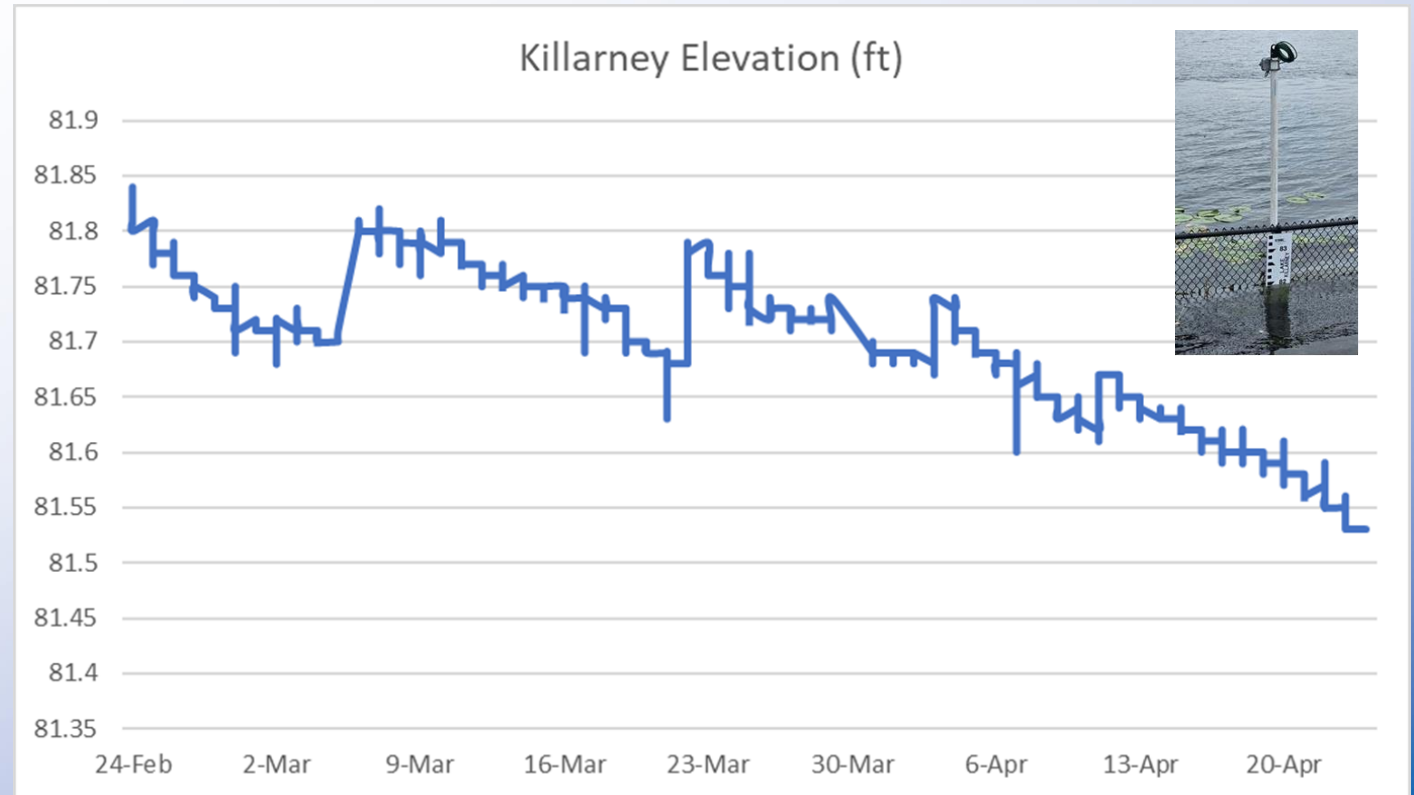
72 hours (3 days) prior to storm

- Inspect all weirs and grass carp barriers including the ones located downstream of lakes Bell, Killarney, Berry and Maitland; maintain free and clear of debris.
- Inspect culvert box under bridges at Temple, Sterling and Pennsylvania to ensure free and clear of debris.

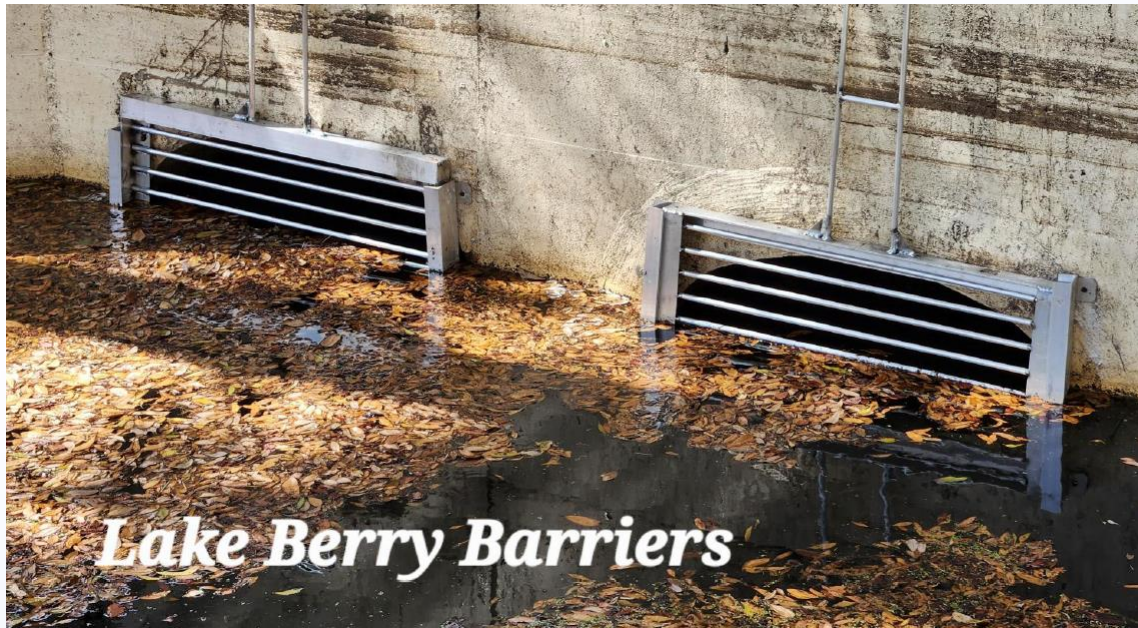


https://issuu.com/cityofwinterpark/docs/hurricane_preparedness_guide?e=7314878/63055860

Telemetry Lake Elevation



Retractable Grass Carp Barriers



Lake Berry Barriers



Lake Bell Barrier

NRCS- Major Outfalls



NRCS- Major Outfalls



NRCS- Major Outfalls



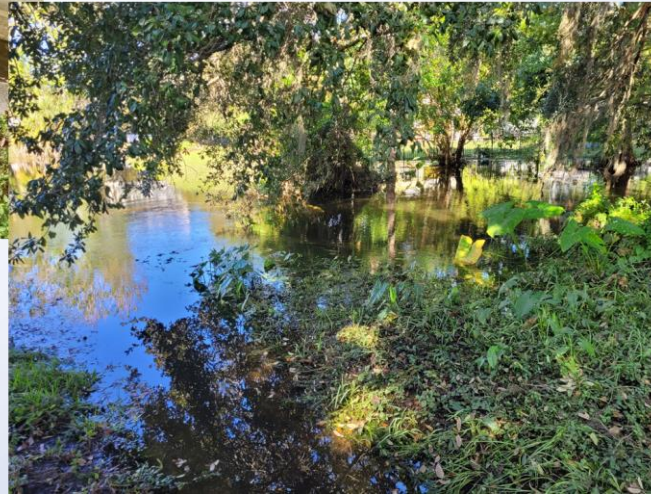
NRCS- Minor Outfalls



NRCS- Weir Repairs



Lk Bell



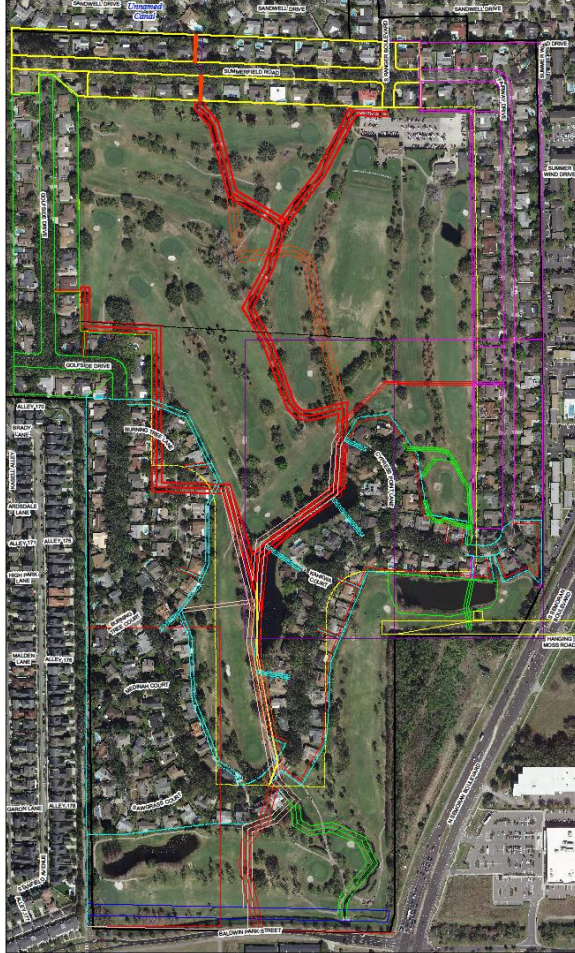
Howell Creek



NRCS- Regional Stormwater Pond



NRCS- WP18 Flood Mitigation



NRCS – Howell Creek Stabilization

<https://cityofwinterpark.org/government/projects/howell-creek-stabilization-project/>



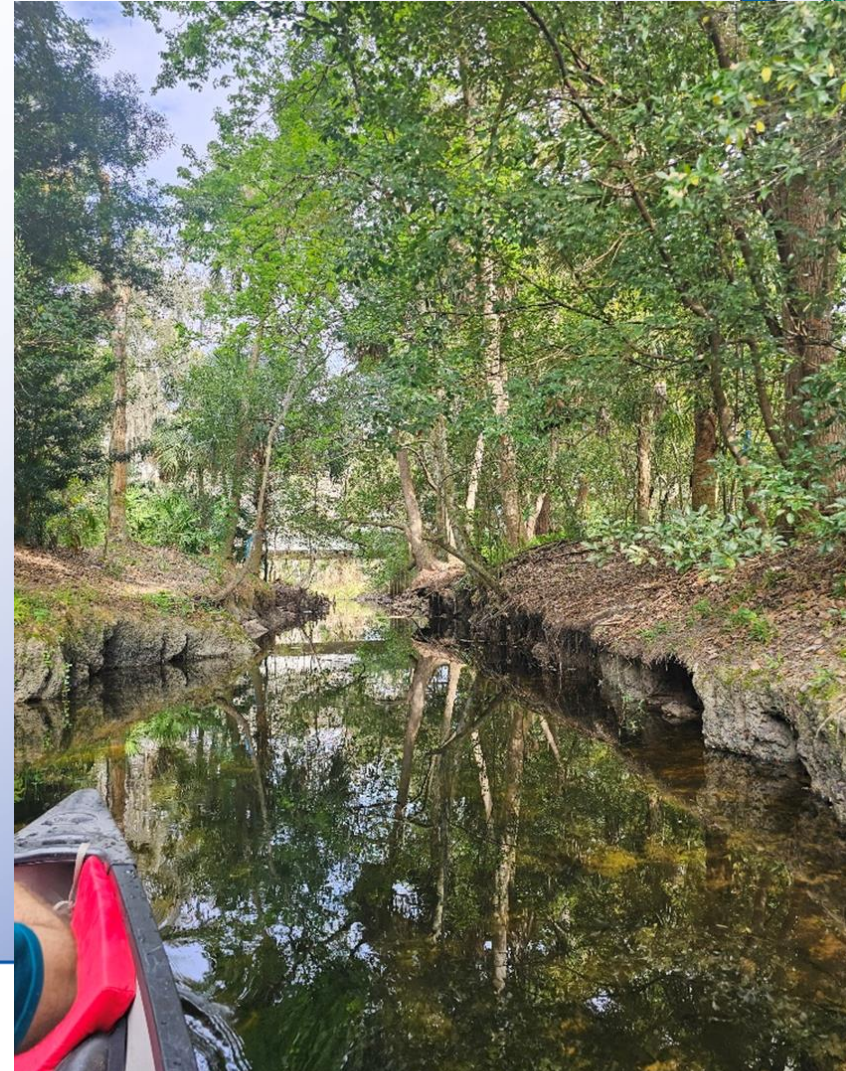
NRCS – Howell Creek Stabilization

<https://cityofwinterpark.org/government/projects/howell-creek-stabilization-project/>

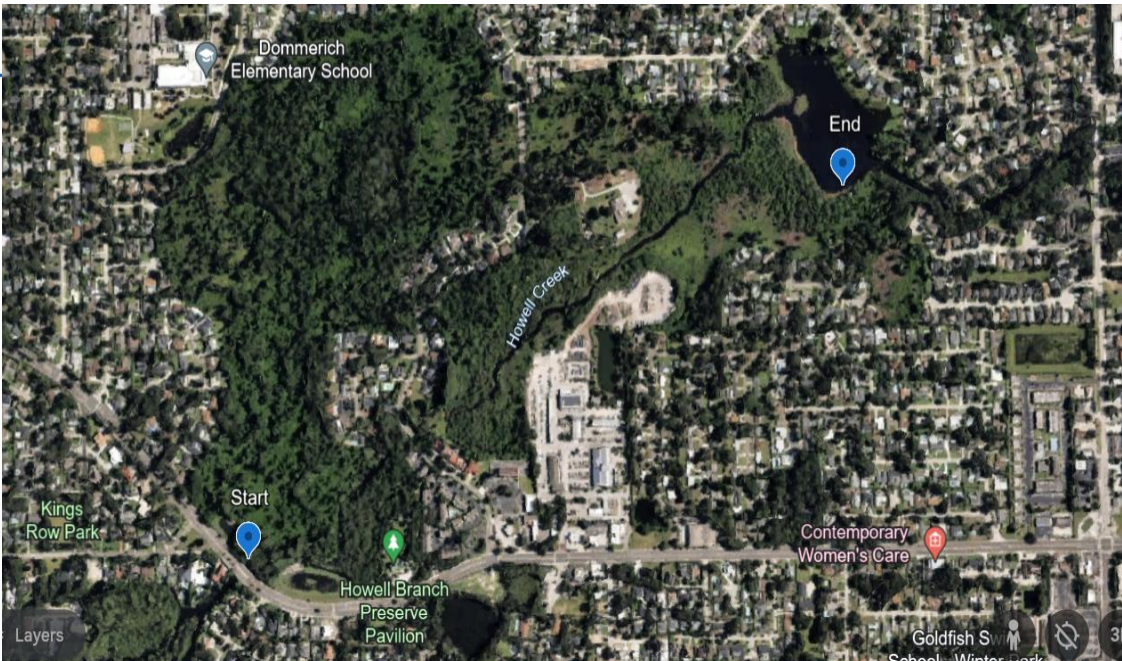
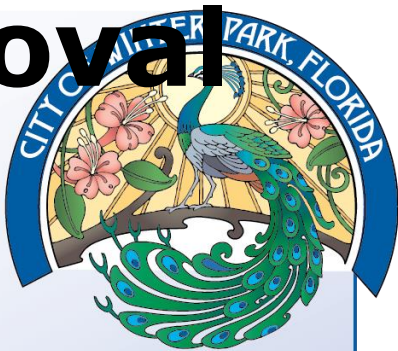


NRCS – Howell Creek Stabilization

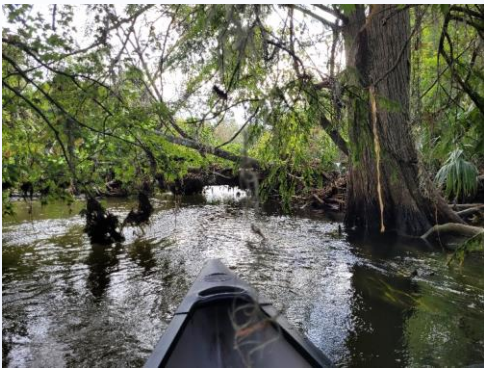
<https://cityofwinterpark.org/government/projects/howell-creek-stabilization-project/>



NRCS – Howell Creek Debris Removal



Debris



Felled Trees



Howell Creek Education



SJRWMD- Basin Coordination



Basin Management Program Coordination



 **St. Johns River**
Water Management District



CITY OF WINTER PARK

~~*INTERIM PLAN*~~

ADAPTIVE FLOOD MANAGEMENT GUIDE

Adopted OCTOBER 2023

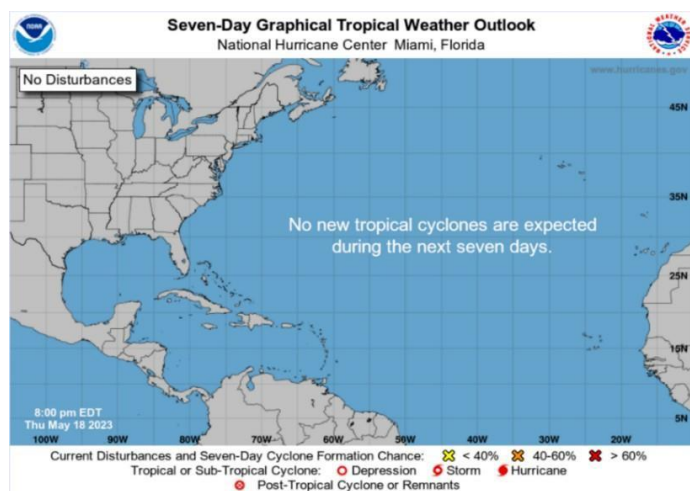
Revised MAY 2025

In May of 2023, the National Hurricane Center (NHC) changed its Tropical Weather Outlook notification from five-days to seven-days. The NHC extended the outlook due to technological advancements with satellites and modeling stating that seven-day forecasts are just as reliable as the five-day forecasts.

With this technological development, daily active management of lake levels within the City of Winter Park will occur upon issuance by the National Hurricane Center (NHC) that tropical activity has been identified for the new Seven-Day Outlook. Protocols and procedures will further be enacted when the NHC's projected cone touches the Central Florida Region as defined below, whereby the active management of lowering lake levels will occur according to the specifics found within this guide. In addition, annual notification to the Florida Department of Environmental Protection (FDEP), in writing, is required for implementing drain well activities. City Manager has the authority to override flood management policy if circumstances dictate doing so. Any such override, including the reasoning, shall be documented in writing.

This guide was developed in collaboration with the Lakes & Waterways and Lake Killarney Advisory Boards to empower the City's professional staff on adaptive lake management decisions.

Seven-Day Outlook:



Example of Storm Cone, Containing Path Activating Central Florida Region:



Central Florida Region Defined:



The Central Florida Region includes the Orlando metropolitan area (Orange, Lake, Osceola, and Seminole Counties), and Sumter, Polk counties in the interior, Citrus, Hernando, Hillsborough, Pasco, and Pinellas counties on the west coast and Volusia and Brevard Counties on the east coast.

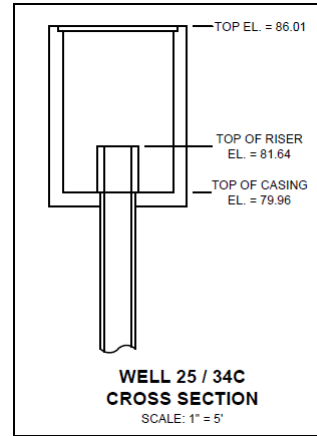
Active Lake Level Alteration Activities- City Wide Specifics

- Remove the six risers from the drain wells on Lake Killarney
- Open valve to the MLK Pond drain well
- Remove top weir board on Lake Bell
- Open gate on the Winter Park Racquet Club Pond outfall
- Check valves (2) are [closed and](#) operational at WP18 golf course
- Remove all retractable grass carp fence barriers
- Inspect all drain well intakes maintaining free and clear of debris
- Issue lake closure protocol for the Chain of Lakes at elevation of 66.1 ft.

Active and Adaptive Management of Lake Levels- Lakes Killarney and Lake Bell [Interim Plan](#) [\(Until the West Basin Study is Complete\)](#)

1. City will monitor lake elevation levels on Lake Killarney and Lake Bell on a daily basis, during hurricane season, June 1st to November 30th, via Smart Technology utilizing telemetry elevation gauges. These gauges can be accessed remotely and provide an alert notification should the elevation stage higher than desired due to an intermittent storm. Staff will not solely rely on the device but will routinely inspect and log field data.
2. During hurricane season, June 1st to November 30th, the top weir board for Lake Bell will be removed and be replaced after hurricane season. Desired lake elevation management requires analysis through a basin drainage study.
3. Removal of the six drain well risers will be enacted when the NHC projected storm cone touches the Central Florida Region (defined above). If the approaching storm turns, the risers will be reinstalled as soon as the storm threat is over.
4. City will maintain and clean drain well intakes, collection boxes and traps, and manage street cleaning services especially during hurricane season.
5. A secured email will be provided to the Lake Killarney Board to report **non-emergency** related activities. Otherwise, follow standard emergency response by dialing 911.

Lake Killarney Drain Well Specifications:



- Without risers on the drain wells, Lake Killarney lowers 0.1-0.2 ft per day.
- The top of each riser is on average 81.66 ft, the top of each drain well casing is on average 80.0 ft, the weir to Lake Gem discharges at 82.7 ft.



NATURAL RESOURCES & SUSTAINABILITY DEPARTMENT CHECKLIST

During National Hurricane Season, June 1st to November 30th, the Lake Bell top weir board will be removed.

168 hours (7 days) prior to storm at any time of the year

- ❑ Monitor storm models via National Hurricane Center's (NHC) Seven-Day Tropical Weather Outlook.
- ❑ Refer to established protocol under City of Winter Park's Flood Management Guide.
 - ❑ Lower lake elevations, where permissible.
 - ❑ Lake Killarney's six drain well risers and Lake Bell top weir board will all be removed in advance whereby the track issued by the National Hurricane Center cone touches the Central Florida region and replace when storm is no longer a threat.

120 hours (5 days) prior to storm

- ❑ Monitor storm models.
- ❑ Provide staff with tracking sheets for manpower hours and equipment usage for Federal Emergency Management Agency (FEMA) records.
- ❑ Notify laboratory of potential lake sample submittals. Coordinate with water & wastewater laboratory manager.
- ❑ Inspect control and outflow structures located on the lakes, including leaf trap devices; maintain free and clear of debris.

72 hours (3 days) prior to storm

- ❑ Inspect all weirs and grass carp barriers including the ones located downstream of lakes Bell, Killarney, Berry and Maitland; maintain free and clear of debris.
- ❑ Inspect culvert box under bridges at Temple, Sterling and Pennsylvania to ensure free and clear of debris.
- ❑ Inspect drain well intake structures on Lake Killarney and all land locked lakes (Knowles, Spier, Forest, Midget, as well as the Seminole County drain well on N. Lakemont Avenue); maintain free and clear of debris.
- ❑ Inspect canals within the Chain of Lakes and Howell Creek, upstream of Lake Virginia, and downstream of the Howell Branch weir.
- ❑ Coordinate solid waste services messaging with Communications Department and Assistant City Manager.
- ❑ Coordinate with Urban Forestry on contracted vendor for felled tree services in creeks/conveyances.

48 hours (2 days) prior to storm

- Meet with staff to go over responsibilities and verify contact information.
- Prioritize every day departmental functions.
- Remove MLK, Jr. Park drain well and Winter Park Racquet Club pond outfall board.
- Prepare and secure equipment and PPE:
 - All boats, vehicles, and gas cans filled
 - Clean and remove all debris from work vehicles
 - Clamshell ready and operational
 - Secure barges at Kraft Gardens
 - Move all Lakes Division supplies into boathouse or break room area (buoys, etc.)
 - Test all chainsaws and make sure that PPE is in good condition
 - Each driver with PPE in work vehicle

24 hours (1 day) prior to storm

- Remove retractable grass carp barriers at lakes Bell and Berry.
- Meet with staff to go over final details data assessment.
- Prioritize every day departmental functions.

During the storm

- Natural Resources & Sustainability is not classified as a first responder and does not have a role at EOC. Staff to remain in a safe location.
- All Lakes Division staff and department director will commence damage assessment when deemed safe. Office staff to service phone lines and emails. Sustainability Division staff to service phone lines and emails, assisting in solid waste communications or be assigned as required.
- Establish communication with damage assessment team with deployment time and locations.

Immediately after the storm when conditions are safe

- Damage assessment team deployed to inspect all conveyances, outfalls, weirs, drain wells and high-risk areas (i.e. Special Flood Hazard Area- SFHA). Clear immediate hazards.
- Collector app utilized to document environmental damages. Include photos.
- Track manpower hours and equipment usage for FEMA records.
- Implement lake closures: Chain of Lake elevation closure at >66.1 ft (NAVD 88).
- Monitor and record lake elevations. Report anomalies to Public Works Department.

Days/weeks after the storm

- Post-storm environmental/water quality monitoring including environmental assets.
- Report damage assessment for state assistance and grant submittals; such as Natural Resources Conservation Service (NRCS).
- Grass carp barriers re-installed when conditions are favorable.
- Coordinate teams with Urban Forestry to recover fallen trees in waterways noted in damage assessments.
- Perform continual monitoring and messaging related to lake hazards:

- Recreational use of lakes will be allowed once it is determined that safe boating activities can resume without potential damage to private property or the danger of colliding with submerged storm debris.
- Effective communications with lake patrons, both residential and commercial, related to lake closures; dock safety warnings with submerged electrical components; submerged hazards warning; and lake contamination warnings.
- Perform continual monitoring and messaging related to lake elevations-reinstate drain wells and weir closures, when appropriate.
- Refer to established policy: Flood Management Guide.



PUBLIC WORKS DEPARTMENT STREETS DIVISION CHECKLIST

Off season preparations

- Conduct quarterly meetings with directors, supervisors, crew chiefs, and all staff to review the following:
 - Written hurricane preparedness procedures and where to locate the document.
 - Team members list including updated phone numbers to be activated during Emergency Operations Center (EOC) operations. There must be two separate teams listed for relief following the initial 24-hour period.
 - Equipment list to be used during EOC operation. Equipment list to include ~~but limited to~~ trucks, loaders, generators, barricades and sand bagger.
 - Coordinate with the city's procurement division to secure vendors for additional bypass pumps, vacuum trucks, loaders and generators on an as-needed basis.
- Be sure to have all proper and updated forms for reporting staff's storm response activities.
 - All streets infrastructure to be inspected and maintained on predetermined schedules. The following items must be maintained year-round in proper functioning condition.
 - Storm sewer inlets, pipes, treatment structures, and outfalls
 - Traffic signals and signs
 - Street ~~sweepings~~sweepers

168 hours (7 days) prior to storm

- Monitor storm models via National Hurricane Center's (NHC) Seven-Day Tropical Weather Outlook.
- Refer to established protocol under City of Winter Park's Flood Management Guide.
 - Lower lake elevations, where permittable.
 - Lake Killarney drain well riser and Lake Bell top weir board will be removed in advance whereby the track issued by the National Hurricane Center cone touches the Central Florida region and replace when storm is no longer a threat.

72 hours to 48 hours (3-2 days) prior to storm

- Test all equipment for proper working order.
 - Make sure all equipment gas tanks are filled and batteries are charged.
 - Generators used for supplying power to traffic signals to be tested and filled with gas.
 - Have additional gas cans filled.
- Prepare sandbagging operations site.
 - Decide with city management on an appropriate location and coordinate with the Communication Department to prepare a map, distribution schedules and notifications.
 - Mobilize sand, bags and equipment to the location.
 - Each household will be provided eight bags with proper proof of residency unless otherwise directed by city management.
 - Prepare coordination with the police department for ID verification and traffic control.

- Increase levels of storm sewer cleaning and street sweeping operations.
- Verify schedules for both teams to begin the overnight and relief shifts.
- Hold a procedure and general safety meeting with both teams before the EOC activation.

24 hours (1 day) prior to storm

- Stop all city and private construction activities and secure sites from any potential erosion and/or wind damage.
- Mobilize and stage all heavy equipment to strategic locations to be used throughout the city.
 - NW Area - Public Safety Facility (500 N. Virginia Ave.)
 - SE Area - Fire Station #62 (300 S. Lakemont Ave.)
 - SW Area - City Lot (1210 Palmetto Ave.)
 - NE Area - City Operations Center (1409 Howell Branch Road)
- Share ~~both teams' member's team member~~ names and contact numbers with the Public Works Director and Assistant Director.
- Prepare sleeping arrangements and purchase food for the overnight shift team.
- Verify all equipment is ready in place with full tanks of gas.
- Load and secure barricades on trucks to be dispatched.

During the storm

- Stay safe inside until EOC managers clear the city staff for response activities.

Immediately after the storm when conditions are safe

- Assist police and fire departments to clear streets for emergency response.
- Assist the ~~e~~Electric and ~~W~~water & ~~W~~astewater ~~D~~epartments clearing streets to perform their response and repair activities.
- Setup closures and barricade off flooded and obstructed streets and roadways.
- Inspect all signalized intersections for functionality and perform repairs as needed. Repairs requiring a bucket truck can only take place when winds diminish to 30mph or less.
- Clear all storm drains from obstructions to ensure proper drainage.
- Assist the city's Urban Forestry Division with downed tree removals.
- Begin assisting the Natural Resources & Sustainability Department with monitoring of the water levels in the city's lakes and ponds.
- Setup bypass pumping operations on lakes and/or ponds reaching higher levels which potentially could flood surrounding structures/homes.
- Barricade or cone off any potholes which could cause damage to vehicles.

Days/weeks after the storm

- Continue streets clearing and debris removal and storm drain clearing for proper drainage.
- Assess any potholes locations for storm pipe failures and schedule necessary repairs.
- Continue monitoring water levels in lakes and ponds and add or relocate bypass pumping activities accordingly.



CIP PROJECT CONSIDERATIONS & STUDIES FOR STORM RESILIENCY

The flood elevation in the Winter Park Chain of Lakes is controlled by a weir located on the north side of Lake Maitland at Howell Branch Road. The control elevation for the chain of lakes was studied for a Letter of Map Revision (LOMR) in 2009. The SJRWMD confirmed that the current control elevation of 66.18 ft was best for all communities upstream and downstream and it was not to be adjusted.

The following is a suggested list that should be updated regularly and as funding allows:

- Consider increasing the volume of the MLK Pond and lowering the surrounding neighborhood flood stage
 - a. A flood study was performed in 2020 for the Community Redevelopment Agency (CRA) watershed basin by Geosyntec. This study provided four alternatives for increasing volume in the MLK Pond
 - i. Alt 1 - Exfiltration Basin
 - 1. Decrease in peak stage: 0.26 ft
 - 2. Estimated cost: \$6,516,021
 - ii. Alt 2 - New interconnect to Lake Rose
 - 1. Decrease in peak stage: 0.05 ft
 - 2. Estimated cost: \$172,378
 - iii. Alt 3 - Exfiltration basin and interconnect to Lake Rose
 - 1. Decrease in peak stage: 0.2 ft
 - 2. Estimated cost: \$2,065,776
 - iv. Alt 4 - (COMPLETED) Relocating Killarney interconnect from Beachview Ave to intersection of Morse Blvd and Harper St
 - 1. Decrease in peak stage: 0.02 ft
 - 2. Estimated cost: \$35,830
 - b. Perform study to expand the overall footprint of the pond for more stormwater storage by strategically selecting park areas of lower usage
 - c. Consider partnering with private property owners near MLK to expand
- Develop 5-10 year CIPs for lake interconnections- perform hydraulic studies to determine feasibility and associated cost.
 - a. Lake Sylvan to Lake Mizell
 - b. Lake Grace to Lake Forest
 - c. Lake Chelton to Lake Sue
 - d. Lake Tuscany to Lake Temple to Howell Branch Pond
 - e. Lake Compton to Lake Spier
- Develop drainage study for Lake Killarney, Lake Bell and Lake Wilderness to address feasibility and cost for rerouting emergency stormwater overflow and evaluate weir elevations.

- Develop drainage study for Howell Creek Basin of Winter Park that includes the Chain of Lakes, Lake Sue, and Lake Berry.
- Develop drainage study for Little Econ Basin of Winter Park that includes Interlachen and WP18 (formally Winter Park Pines).
- Following FS 252.363 provision allowing to adjust/pump lake down during declared state of emergency, establish Memorandum of Understanding with SJRWMD for all potential drawdowns:

Section 252.363 of the Florida Statutes provides that upon the declaration of a state of emergency, permits and other authorizations are tolled for the duration of the declaration, and that they may be extended automatically upon the exercise of the notice requirements of Section 252.363(1)(a) for an additional six months. The tolling and extension provisions apply to the expiration of:

- a. Development orders issued by a local government*
 - b. Building permits*
 - c. Florida Department of Environmental Protection or water management district permits issued pursuant to Part IV of Chapter 373, Florida Statutes*
- Consider purchase of bypass pump(s) including floating intake attachment and suction and discharge hoses.
 - Perform a survey to record lowest Finished Floor Elevation (FFE) for all City lakes.
 - Consider installing auto-read lake level gauges with telemetry services for major City lakes.
 - Consider installing additional weather stations with telemetry services within City limits.

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
Complete	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?	Jeanne provided letter of request	2/2024
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; Mailer sent to OC residents August 2024- CWP to send similar message Oct 2024. Mailer delayed per Hurricanes- will be sent early Dec.	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
Ongoing	High	Exfiltration Maintenance	See example/actual agreement regarding requirements for underground retention systems and related cleaning process and timing.	provided example of signed maintenance agreement and letter requiring compliance with maintenance	12/4/2024
Complete	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. Board agrees with Staff recommendation.	9/4/2024
Complete	High	Managing lake levels/hurricane preparedness		Once study is complete, Guide will be updated	5/7/2025
Ongoing	High	Emergency Response Contact List	Provide annual updated contact list to WFPD & OC	Residents with boats who can assist 1st responders	7/23/2024
Ongoing	High	Assessing 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
Complete	High	Nicolette Pond	Nicolette Pond permitting process and design.	Pond is complete	Oct-24
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 in effect sent to Board.	11/5/2024
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
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 receptacles on storm drains	Trash and recycle bins being placed 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. Educational Mailers being provided to community. Mailer delayed per Hurricanes- sent 12/5/2024.	Ongoing
Complete	High	NPODES 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	Drainage 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.	
Pending	High	Drainage Basin Improvements	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.	
Pending	High	Drainage Basin Improvements	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.	
Complete	High	Drainage Basin Improvements	BASIN REPORT PRESENTATION	An overview of the Western Basin Study presented to Board.	11/6/2024
Pending	High	Lake Data Dashboard	Status of on-line dashboard	Beta complete and presented to Lakes & Waterway Board. Launch expected by Fall.	



Lake Killarney Board

agenda item 7.c

item type

Staff Updates

meeting date

May 7, 2025

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Past & Upcoming Events

- Run for the Trees/Earthday Block Party - 4/26 8am @ Ward Park
- Shoreline Restoration - 5/3 9am @ Lakes Temple & Tuscany
- Gardening Day - 5/3 9am @ Winter Park Meadows at Margaret Square
- Fix It! Don't Pitch It - 5/17 9am @ Events Center
- Ballroom Dance Lessons - Monday Nights @ Community Center

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

1. Earth Day
2. KWPB Lake Temple & Tuscany Shoreline Restoration
3. KWPB Gardening Day Flyer – May
4. Fix It Dont Pitch It 2025-05-17
5. Ballroom Dance Lessons

TWO WAYS CELEBRATE EARTH DAY

PREREGISTER TO PARTICIPATE

2025 **run** for the **trees**

SATURDAY APRIL 26

Ward Park @ 250 Perth Lane & across
@ the Center for Health & Well



8 to 11

FAMILY

- face painting
- activities
- Kona Ice®
- music
- food

lake tuscany & temple SHORELINE RESTORATION



saturday **may 3**
9 a.m.-noon
roundabout @
tusculum place

please wear appropriate
clothing & shoes
[items you don't mind getting dirty]

be prepared to wade through
knee-deep water
tools & gloves provided

Community Garden Workday

help revitalize the Meadows' community garden



saturday may 3



9 a.m. to noon



718 margaret square

Meadows at Margaret Square

helpful tips

please wear closed-toe shoes & clothes you don't mind getting dirty

water, snacks, gardening gloves & other supplies provided

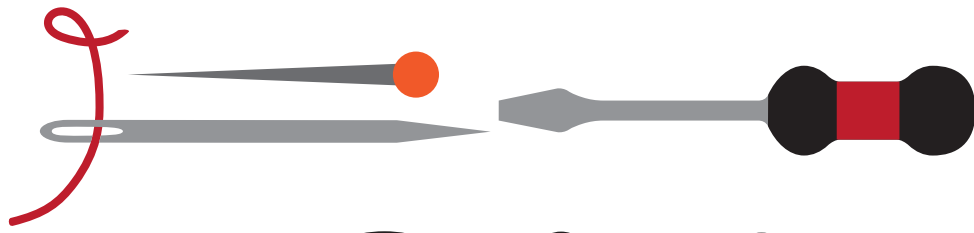
sign up at

natural-resources-sustainability.eventbrite.com

brought to you by



FIX IT!



DON'T Pitch It



a community repair workshop for
repairing small appliances, electronics,
bicycles, jewelry, eye glasses & watches,
mending clothes and woodworking

services are subject to change • please call for a complete list
first come, first served basis • limit two items per person

saturday **05.17.2025** **9 a.m. to noon**

winter park events center @ 1050 w. morse boulevard

to volunteer your time & talents, please contact
407-599-3479 or **sustainability@cityofwinterpark.org**

additional locations @ **cityofwinterpark.org/fixitdontpitchit**

learn how to

Ballroom Dance

[funds support Keep Winter Park Beautiful]

Monday nights

6-week sessions | *no class May 26*

\$75 6-week session | \$14 drop-in class

first session march 24 thru april 28

second session may 12 thru june 23

@7p.m.

[beginner]

@8:15p.m

[intermediate]

Winter Park Community Center @

721 W. New England Avenue

arrive to the first class 30 minutes early to **register & pay**

Questions 407.599.3450

KWPB
keep winter park beautiful
KEEP AMERICA BEAUTIFUL AFFILIATE



Lake Killarney Board

agenda item 7.d

item type

Staff Updates

meeting date

May 7, 2025

prepared by

Victoria Tabor, Administrative Coordinator II

approved by

Victoria Tabor, Administrative Coordinator II

subject

Stormwater Management

- CIP Update
- Killarney Dr. Pipe Replacement Timeline
- Lakefront Construction Updates
- Library & Event Center Additional Parking - Lake Mendsen Update
- Orange County Killarney Dr

Follow-up Items

- Outfall Condition Update

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

1. SW Update 5.25 Lake Killarney Board

Stormwater Staff Update

Lake Killarney Board Stormwater CIP – Fiscal Year 2025

CIP Title & Description	Original Year Funded	Current Balance	Status/Comments
Drainage Improvements - Recent years of unusually heavy rainfall events have revealed several substandard drainage conditions in various locations throughout the City.	Annually Funded	\$48,000	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 - storm pipe replacement/relocate at 2601 & 2631 Temple Drive.
			1) <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.
			2) Shultz Ave Pipe Repair
			3) Cherokee Ave drainage improvements
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	\$533,900	The Interlocal Agreement was approved by the City Commission and by the Seminole County Commission. 60% plans completed and submitted to Seminole County. Permit exemption documents are being prepared. Estimated start date August.
Stirling Bridge Replacement	2024	\$17,243	Updates required for price estimate.
Fawsett Road CDS Unit	2024	\$200,000	Postponed to after FY 25.
Killarney Dr - Drainage & Street Improvements	2025	\$101,660	Combine failing outfalls into one outfall, includes new inlets. Estimated construction start late April 2025.
Palmer Ave at Old England - Drainage Improvements-Phase 1	2025	\$249,750	Replacement outfall at Old England Ave, north of Palmer Ave. Permit application has been submitted to SJRWMD. Additional documentation is being prepared to address RAI.
Mayflower - Drainage Ditches Dredging	2025	\$170,000	Dredging of drainage ditches that begin at the Mayflower property to the north. To be paid by NRCS grant. Estimated start date June 2025.
Lake Spier Drainwell	2024	\$227,400	FDEP permit received. Kick off meeting completed 4/23/25. Site prep has begun. Construction to commence May 2025.
TOTALS			
3023406 ACTIVE STORMWATER CIP's		\$1,547,953.00	BALANCE TOTAL

Staff Update - Infrastructure Projects

Lake Killarney Board

Killarney Dr Pipe Replacement Final Estimated Schedule

Task Name ▼	Start ▼	Finish ▼	Duration ▼	May '25					Jun '25				Jul '25				Aug '25			
				27	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17
► Construction	May 2025	Aug 2025	60 days																	

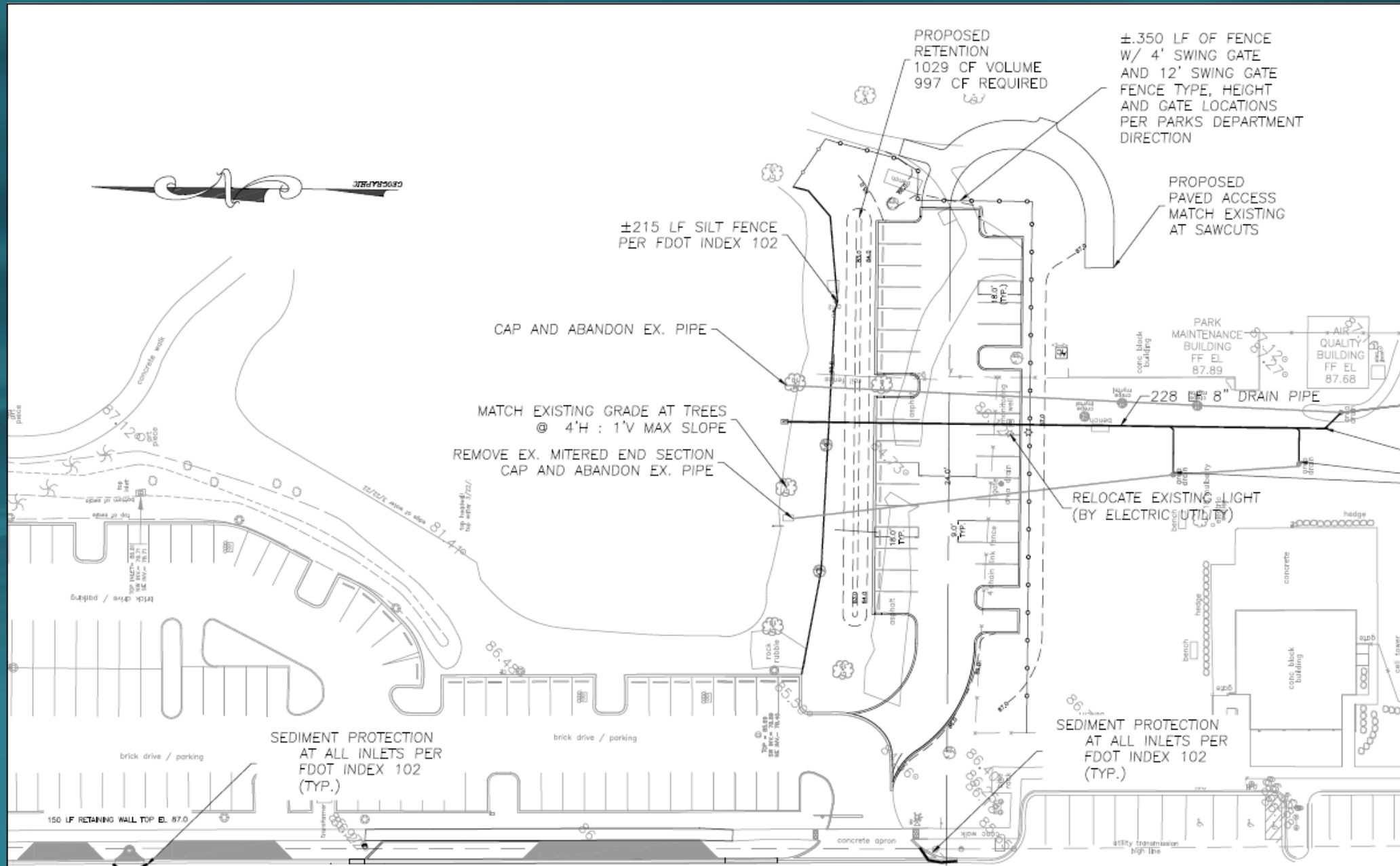
Stormwater Staff Update

Lake Killarney Board
Current Lakefront Construction



Lake Killarney Board Library and Event Center Additional Parking – Lake Mendocino Update

Library and Event Center Additional Parking – Lake Mendoceno Update



Stormwater Staff Update

Lake Killarney Board

- Orange County Killarney Dr
- Follow-up items:
 - Outfall Condition Update



Lake Killarney Board

agenda item 8.a

item type

Board Comments

meeting date

May 7, 2025

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



Lake Killarney Board

agenda item 9.a

item type

Upcoming Agenda Items

meeting date

May 7, 2025

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



Lake Killarney Board

agenda item 9.b

item type

Upcoming Agenda Items

meeting date

May 7, 2025

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approved by

Victoria Tabor, Administrative Coordinator II

subject

Summary of Meeting Action Items

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

None