



Lake Killarney Board Regular Minutes

August 3, 2022 at 10 a.m.

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

Present

LKAB Members: Chair Jeanne Wall, Vice Chair William Voecks, Joyce Cunningham, Jason Ellison, Carolyn Minear, David Dickerson, John Mitchell (Virtual).

City of Winter Park: Joey Cordell; Lakes Division Manager, Don Marcotte; Assistant Director Public Works, Shannon Monahan; Public Works Engineer, Victoria Tabor; Recording Secretary, Gary Jacobs; Orange County, Nidia Volpe, Jason Zigler, Assistant Director for Water and Wastewater Dept.

Guest: Conrad Necrason

(1) Call to Order

Chairwoman Jeanne Wall started meeting at 9:59 a.m. Jeanne asked Gary Jacobs to introduce Nidia Volpe who informed the board members and staff that she is going to be the new liaison for Orange County. Nidia gave a background on herself stating she works with Gary on MSTU advisory boards. Board members and staff welcomed her. Jeanne confirmed that Joey was taking notes to conduct Summary of Meeting as Gloria does and to review actions approved by the board. She updated the board that Officer Hofer's presentation was deferred to the September meeting due to the agenda being full. Jeanne then officially called the meeting to order at 10:02 a.m.

(2) Consent Agenda

Motion to approve the agenda by David Dickerson, second by Carolyn Minear. Motion passed unanimously.

(3) Public Comments

No public comments

(4) Public Hearings

No public hearings

(5) Action Items

No action items

(6) Non-Action Items

a. FDEP exemption confirmation for functional maintenance activities: Joey and Shannon spoke and said the permit exemptions for prior dredging activities were reviewed, and each had general exemption statutory language listed on the last page for functional maintenance dredging. This is an overarching exemption for the functional maintenance activities such as dredging that would eliminate the sedimentation that builds up around stormwater outfalls. Additionally, the City received a statement from FDEP confirming we do not have to permit for an exemption every single time maintenance dredging is done. Jeanne Wall brought up dredging the canal and if it was due. Staff said there are no plans to dredge because the water depths are unknown, but a verification of permit exemption would be done before any dredging activities. Jeanne Wall brought up the last meeting minutes where it was talked about if dredging the canal would occur in October, how much it would cost, and that staff would look into it. Staff told Jeanne Wall that we typically don't plan anything until funds are available. After the city budget is approved in October, the quantity of organic removal needs to be

developed thereafter in order to obtain an estimate for dredging. Clarification of budget process was re-explained to Jeanne Wall. Staff restated after budget is approved, estimates will occur to include scope and cost. Smaller CIPs could be funded after primary projects are completed and reiterated that staff will look into everything that is needed to dredge the canal. Jason commented on how shallow the water is less than 3-feet in the canal and is estimated to be 1,000-feet long.

b. City Commission vote on Aubrey Lane Clarification: Previous meeting discussion was if the Commission set a ruling on the dock and the boathouse measurements on Aubrey Lane and staff did not believe they did. Staff clarified Planning and Zoning made recommendations to the Commission who approved the subdivision and specified limits. To clarify, the Commission ruled on lot split and the maximum limits of the boathouse and docks, but that it will come before the Killarney Board on the specifics for a quasi-judicial review of the plans and designs.

c. Research next alum treatment date: Initial was 2018 providing 10-year control. Joey, Don, and Gary spoke to the board stating that the last alum treatment was in 2018 and it provides treatment for 10 years; it is not due for another treatment until 2028. The board wondered if there's anything they need to do in terms of making a motion to include in the next 5-year budget and mentioned that Gloria suggested to keep an eye on the timing for advanced placement into the CIP budget and that the window of opportunity opens next year (for the next 5-year budget outlook). Staff advised that they didn't need a motion at this time. To determine if and when the lake needs a treatment, sediment samples are needed to analyze to determine if and how much alum is needed. Jeanne mentioned, and Gary Jacobs confirmed, that last time a grant from St. John's Water Management District was provided and the remaining was split by Orange County and Winter Park. Nidia added ERD would need to provide an updated report which costs about \$25,000.00.

d. Water level data collection by Orange County Quarterly/Winter Park to provide data: Gary told the board that the data is now on the Orange County website. Joey presented to the board a graph that has the past 10 years of water level data. Jeanne asked Joey if he was pleased with how the levels are. He responded back in 2015, the drain wells were altered and have been stable since. Don provided that Lake Killarney is the most stable lake when it comes to water levels. Conrad Necrason was concerned about a skimmer damaged by a car accident. Staff was unaware of damage even with current inspections conducted.

e. City plans for Imperial Laundry Site including Denning Drive: Shannon told the board that she had a call at 2pm with Arcadis and would provide update in September. The three parameters above cleanup level are below the maximum contamination level that is allowed for drinking water standards. The city plans to widen the road and add a turn lane on Denning since it is congested during peak hours and the rest will remain park. Bill asked if Fairbanks would have setbacks from 30 to 10 ft. Don replied this was more of a Planning/Transportation board meeting topic yet provided some details provided from the last City Commission meeting. Carolyn was concerned with long-term contamination from another laundry site near Trader Joe's off Lk Killarney- Shannon would look into this.

f. As-Builts for the boat ramp and stormwater at Killarney Estates: When going over the as-builts, Bill Voecks was concerned about a pipe that was leaking into the lake and the flow of the pipes. Staff zoomed into the plans and showed that the pipes are not connected to the drainage of the street and described the orifice of the pond. To understand more clearly, Don is going to meet Bill out on site to look at the situation and will give an update next meeting.

g. Tree trimmed and eelgrass harvested in canal/cove area: In early July, Joey and the crew harvested the eelgrass and trimmed up the tree. Joey asked Jason if he could get through canal better. There was talk that went back and forth on whether or not they trimmed the right tree or not. Conclusion was that Joey would meet with Jason to point of the right tree to get it trimmed.

h. List of native/invasive plants for Lake Killarney: Joey explained plants on the list, split between native and invasive, and those found most common on Lake Killarney. David Dickerson asked what are good plants to replant shoreline with and Joey responded. Some native plants are eelgrass, pickerelweed, and duck potato. Some invasive plants are hydrilla, water hyacinth, and duckweed.

i. Rippling Lane Dock Permit - Trust Signature Confirmation by City Attorney: City attorney reviewed and agreed it was acceptable.

(7) Staff Updates

Lakes Management - Joey updated the board with a joint vegetation inspection with Orange County on July 18th and noticed small amounts of hydrilla in the cove area. Half acre of water hyacinth and primrose were treated, mostly in canal and cove area following the inspection. Eelgrass harvesting was conducted with the weed rake on airboat, which attributed to most of the 1,220 gallons of debris removed from the lake. 75 gallons

of trash were also removed. Oak tree leaves were removed in the canal. Seawall inspection was conducted and is in its final stages. Joey spoke a little bit about the water quality charts and how he just added one more month of data to each.

Stormwater Management - Don provided an update that the 5-year CIP was presented to the City Commission. Shannon gave an update on Killshore Lane and the degradation of the Killshore Lane. A team went out to investigate it and found no road material entering the lake. Shannon informed the board that she is still going to work with the residents but this is no longer a Killarney board matter and there is no code violation.

(8) Board Comments

During board comments, staff and board members discussed the private lift station that failed at Lakeside Plaza which leaked into Lake Killarney causing it to close for 6 days. Jason Zigler, Assistant Director for Water and Wastewater Dept., joined to speak on behalf of David Zusi, Director, to talk on how the incident started, proceeded through their notification system/dispatch, inspection and actions. Jeanne Wall spoke to the FDEP was not notified of the spill until 7/26/22. When city staff arrived on site, they called Frank Gay, plumbing contractor, were in the area. Jason said the station had been operating fine since the incident. The lift station failure occurred when it wasn't pumping wastewater into the City's system which then caused it to back-up and overflow out the manholes, onto the parking lot, then down into the storm drain exfiltration system that enters the lake. He added the exfiltration system helped to contain the spill. A precautionary lake alert was distributed by Lakes Division in coordination with Orange County while lab results were pending. Lakes Division staff tested the water after the spill: levels were elevated to 96 mpn (yet below criteria level of 410 mpn), a few days later the sampled results were down to 22 mpn. The lake alert was lifted.

After Jason was done speaking about the incident, board members asked Jason and staff questions. Bill Voecks was wondering how the plumber was notified about the incident, Jason said he didn't know who notified them, but when they called, someone was already on the way to address the situation. Jeanne Wall said she did not know there were so many private lift stations in Winter Park and that it is all a learning process. She updated that Joey Cordell, David Zusi and herself exchanged emails answering questions she asked. Some of the questions were: who reported it, how long, how much waste, and how can we tell if it was corrected or not, did the lift station failure cause the exfiltration system to back up, was the exfiltration system contaminated, and was the exfiltration system cleaned. Jeanne said she also called David Zusi, asking further questions and that he was a big help with answering them. Jeanne brought up that she was given the City of Jacksonville's Rule 3 report and sent to the city for review/implementation. Copy was physically provided to each board member and staff. She is wondering if the city could strengthen the service maintenance requirements. Certain questions that were asked of staff were: review what the current lift or pump station maintenance and inspection requirements are for Winter Park for both public and private; review the location and number of lift stations that are currently on/around our lakes or waterbodies; review the number of lift station or pump station failures that have occurred in Winter Park over the last few years; specifically identify which lift stations have failed on a waterbody in Orange County and Winter Park; do Winter Park residents get notification if there is a failure in Orange County. She re-referenced Jacksonville's Rule 3 and stated that the city is so beautiful and priceless, that if Lake Killarney alone has over 13 lift stations if there's something that the board should do to require owners to make sure they keep up on maintenance. Jeanne asked if the exfiltration system is able to be cleaned and Don Marcotte told her that he would follow-up and review inspection reports since the spill with all the recent rainstorms that cleaned from the rain. The exfiltration systems are designed to completely flush out in 72 hours. The exfiltration system is checked monthly, if water is standing there is an issue and currently isn't the case and Shannon will obtain the inspection review them. Jeanne asked the board if they wanted to make a motion that staff review what the City of Winter Park's private and public lift station maintenance requirements are and come back with a recommendation. She wants to empower city staff to do this. Bill Voecks asked if the private lift stations have their own backup power supply and the response was no. Before the board officially made the motion, Joey Cordell stated City Operations are outside the scope and Jeanne Wall replied that this relevant to contaminating the water so it's very much within the board's purview of monitoring lift stations that could affect the lake. The board requests Water and Wastewater staff: to review private and public lift station maintenance requirements; reviewed in comparison to what Jacksonville does; for staff to work with Jeanne Wall; and to present findings at next board meeting. Jeanne wanted the board to make motion for these requests, she made motion and second by William Voecks. Motion passes unanimously. Staff and board members went back and forth on how it was/wasn't reported to FDEP, despite Joey Cordell correcting that FDEP was made aware the Monday 5-days

following the event. Bill Voecks thanked Lakes for issuing notification to the lake community. Dave Dickerson asked what is the process and Jason provided overview from reporting, to inspection, to notification.

Jason Ellison said that the lesson learned from this is that we can improve this since some of these lift stations are privately owned, that it is self-reporting by the business-for-profit, and if they can find a way to remedy it without reporting it they will. He stated that there needs to be some precautions for commercial properties that have larger budgets taking into consideration that they're polluting our water. A gentleman from the audience named Bob spoke (in-audible) about containment and encouraged the city to require removal and containment of the wastewater spill.

(9) Upcoming Agenda Items

Members decided to reschedule the September meeting to the 14th due to not having quorum on the 7th because of the Labor Day holiday. Staff to confirm with board date/availability.

Joey asked Jeanne to clarify the motion from lift station discussion. The request is for David Zusi and his staff to review the City of Winter Park private and public lift station maintenance requirements and reporting for the health of the lakes and to review what the city of Jacksonville did. Staff to work with the board before recommendation would be made to the Commission.

Staff will look into dredging the canal after the budget is set in October.

Officer Hofer to come speak at the September meeting.

Staff will look into the laundry site on 17-92 by the shopping center and report back to board.

Staff will talk to Arcadias and to look into the comprehensive report asking why the elements are elevated.

Don Marcotte and Bill voechs will meet onsite at Killarney Estates and provide an update to the board.

Staff to amend FWC permit to use algicides on the lake.

Staff will go back out to the cove to reassess the tree trimming and confirm location with Jason Ellison.

Joyce asked if City has an internal audit system, Don replied Jennifer Guittard provides performance measures for reportings. Bill Voecks asked if he can send photos ahead of meeting staff replied on process.

Jeanne thanked staff for all their work and effort to prepare for this meeting, to help the board be productive and learn through the process.

Nidia let the board members and staff know that the next Orange County Lake Killarney Advisory Board meeting will be on Aug 11th at 6pm at EPD's office. The board members will be provided a phone number to call in and listen in on the meeting.

(10) Adjournment

Meeting adjourned at 11:48 am

Next meeting scheduled for September 14th, 2022 at 10:30am at City Hall Commission Chambers

Minutes approved by the board on XX/XX/XXXX.

/s/ Recording Secretary Victoria Tabor