



Lakes & Waterways Board Regular Meeting Minutes

January 9, 2024 at 12:00 PM

City Hall Commission Chambers
401 S. Park Avenue

Present

David F. March, George T. Vietor, Pamela L. Saffran, William H. Swartz Sr.

Absent

Ed Webman, Justin J. Vermuth, Warren Bloom

Staff Present

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

1. Call to Order

The motion was called to order at 12:09 p.m.

2. Consent Agenda

- a. Approve the minutes of the regular meeting December 12, 2023

Motion made by David March to approve the minutes as presented; seconded by George Vietor. Motion carried unanimously with a 4-0 vote.

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-2023-0512) 531 Virginia Dr.

Staff presented the boat dock application for Roman and Michelle Cornell located at 531 Virginia Drive. The contractor, Albert Cichra, is replacing an existing dock, which does meet criteria. Staff recommend approval with revegetation requirements, due to the parcel not meeting vegetation criteria at present state. Staff detailed parameters and

measurements for the boathouse/ dock application, which is located on the south side of Lake Virginia. Photos of the structure and the dock plans were displayed, and the board to asked clarifying questions.

Sheila Cichra of, Streamline Permitting located at 1002 Fort Mason Drive, Eustis, Florida, clarified questions for the board. Ms. Cichra Stated the permit was approved previously, however the Cornell's decided to move the dock to the other side of the property causing re-permitting. The dock application meets criteria but re-vegetation must be completed. A brief discussion followed.

Motion made by William Swartz Sr. to approve the application; seconded by David March. Motion carried unanimously with a 4-0 vote.

5. Action Items

6. Non-Action Items

7. Staff Updates

- a. Winter Park Police Department
- b. Lakes Management

Hydrilla treatment was conducted on Lake Baldwin, specifically on the Winter Park side of the lake where the plan was mostly present.

The Lake elevation dropped in Lake Sue due to a lack of rainfall, resulting in pondweed appearing more abundant at the surface. Herbicide treatments for pondweed were conducted to alleviate pondweed at the surface in navigational areas. Staff elaborated further on pondweed, for the board members that were unsure of the aquatic plant.

The Natural Resource Conservation Services (NRCS) is a grant staff received due to impacts from Hurricane Ian. A presentation was provided to the board with updates on current projects. Excavation of sediments was completed to remove sand that was imported from various outfalls which including sandbars creating navigational concerns. A floating excavator, a large piece of equipment was used to remove sediments from various lakes as well as a hydraulic suction pump operated by a diver. It is important to remove sediments near stormwater infrastructure because it can impede the flow and capacity of the stormwater system which can cause flooding. The outfall should be clear sedimentation buildup.

Photos of a nutrient reduction facility called 9th grade pond were shown to the board with existing sedimentation. Staff identified the 9th grade pond as the next project to service, which will begin in approximately two and a half weeks.

Photos of Lake Knowles leaf trap barrier surrounding the outfall were displayed. The sediment importation that came into the lake from the hurricane is still significant. The hydrologic pumping removal process will occur in the upcoming week.

A photo of the Howell Creek stabilization project was displayed. The board asked a few questions regarding Mead Garden. A brief conversation followed.

Staff provided water quality graphs containing information on the National Pollutant Discharge (NPDES) lakes which are monitored by the Lakes Division and required by the NPDES permitting process. NPDES lakes includes the Chain of Lakes and Lakes Sue, Killarney and Baldwin. The trophic state index (TSI) includes the parameters and levels for nitrogen, phosphorus and clarity for the lakes previously referenced. Staff explained there's an increase in nitrogen occurring in many lakes, the board asked for ways to reduce nitrogen. Staff explained nutrient sources need to be reduced to change what is occurring in the lakes. There is a mutual partnership with Lock Haven Chain of Lakes who have received legislation appropriation to conduct a nutrient/stormwater study which includes Lake Sue. The study where the nutrient sources are coming from and suggest projects to improve water quality and quantity.

Staff requested legislation appropriation for a nutrient study for the Winter Park Chain of Lakes. An update will be given at a later date.

Staff will present violations that are active in February so the board is aware of how many cases occur.

c. Stormwater Management

Staff gave an update on CIPs, there are a few projects in the design phase including Palmer Avenue and Old England Avenue for storm water outfall dredging. Lake Virginia and Lake Osceola are anticipated to begin in February.

The Lake Sue inlet on the east side is complete.

Inline baffle boxes were displayed, the board asked a few clarifying questions and staff explained the use and longevity of the baffle boxes. Current locations, functionality purpose, size and the number of baffle boxes in use were shared with the board. Staff will bring a map of all the CDS and baffle boxes to present to the board at the

upcoming meeting. Updates will be completed on the public service website. A brief conversation followed.

8. Board Comments

- a. Discussion of Public Comments Received

9. Upcoming Agenda Items

- b. Discussion of Upcoming Agenda Items

- Lakes division will present pictures of aquatic plants
- Lakes division will have a shoreline violation presentation
- Storm Water Division will present a map showing CDS and baffle box locations

10. Adjournment

The meeting adjourned at 12:48 p.m.

Approved by the board on _____
/s/ Charisma Lowery, Board Coordinator