

**Lake Jessamine Water Advisory Board
Regular Meeting
Cypress Grove Park – Grove House
September 7, 2017**

Board Members Present: Brett Barner (Chairman), Judy Martin, Carolyn Accola

Board Members Absent: Cynthia McCurry (Vice Chair), David Geller

Staff Present: Marson Nance, Orange County Environmental Protection Division (EPD)

Others Present: Debbie Goodwin, Paul Goodwin

I. Meeting Called to Order:

With a quorum present, Chairman Brett Barner called the meeting of the Lake Jessamine Water Advisory Board (Advisory Board) to order at 5:07 p.m.

II. Approval of the August 3, 2017 Meeting Minutes:

Upon a Motion by Judy Martin, seconded by Carolyn Accola, and carried with all present members voting AYE by voice vote; with Cynthia McCurry and David Geller being absent; the Advisory Board approved the August 3, 2017 meeting minutes as presented.

III. Public Comment on Propositions Before the Advisory Board:

Debbie and Paul Goodwin discussed the abundance of Illinois Pondweed, a native plant species in the lake, and potential impacts to recreation on the lake.

IV. Environmental Protection Division (EPD) Report:

Orange County Sheriff's Office Lake Patrol Services

Marson Nance distributed copies of the Orange County Sheriff's Office Lake Patrol Report for August, 2017.

August, 2017:

- Lake patrolled during 13 shifts on 12 days.
- No vessel accidents.
- 7 warnings issued; 1 citation issued for an unregistered boat.
- 8 boat inspections conducted.
- Officers reported a partially sunken pontoon boat.

Marson Nance reported that he had spoken with the owner of the sunken pontoon boat on September 7, 2017 and that the boat has been removed from the lake.

Undeveloped Parcels Update

Marson Nance discussed with the Advisory Board the County's administrative process now that negotiations for the parcels have begun. Mr. Nance reported to the Advisory Board that negotiations have slowed due to management uncertainty that GreenPLACE is the best entity to manage the properties if they are acquired. Mr. Nance relayed to the Advisory Board that some County administrators feel the properties could be effectively managed by Orange County Parks and Recreation (Parks), and that the land could be managed for conservation in spirit with the Advisory Board's vision.

Mr. Nance notified the Advisory Board of an upcoming meeting between Orange County EPD and GreenPLACE, and Orange County administrators to discuss details of the project. Mr. Nance asked for the Advisory Board's input and opinion on possible management by Parks. The Advisory Board expressed concern that future Parks managers and future Advisory Boards may move to manage the properties in a manner contradictory to the vision of the current Advisory Board.

Though no motion was made, the Advisory Board stated they may consider the option of Parks managing the land if they were afforded written assurance that the land would only be used for conservation as intended, such as language written into a deed. In addition, because the Advisory Board capped the amount of money they are willing to spend on acquiring the parcels, they asked that Parks pay for any overages that may occur during the acquisition process. Mr. Nance said he would relay these opinions to EPD management.

Aquatic Plant Management

Marson Nance reported that he had inspected the tussock in the northwest canal and it did not constitute a navigational hazard. Though the tussock has vegetation growing on it, it is small and was easily broken into smaller fragments with a canoe paddle. Mr. Nance reported he would have the County's contractor spray the vegetation to prevent continued consolidation.

Mr. Nance reported that he had made an initial effort to inoculate Lake Bumby with native submerged aquatic vegetation (SAV). Mr. Nance relayed that he has collected and distributed fragments of southern naiad and large nitella around the lake as well as moving coontail from the northwest cove of Lake Bumby out into the greater body of the lake. Previous biobase and frodus surveys demonstrated an alarming lack of SAV within Lake Bumby. These efforts are intended to build a healthy SAV community that will help to uptake nutrients, stabilize sediment, improve water clarity, and create forage and habitat for wildlife. In addition, a healthy native SAV community can compete with exotic species such as hydrilla and may lead to lower treatment costs.

Mr. Nance relayed that due to Lake Bumby's direct connection to Lake Jessamine, and the low density of residences and infrequent use for recreation, Lake Bumby is a good candidate for such a project.

Curb Inlet Basket (CIB) Report

Marson Nance reported he has been working with the lake manager assigned to the CIB cleaning contract to determine efficiencies for baskets in the Jessamine basin. Mr. Nance distributed a map showing the distribution of CIBs and cost comparisons for cleaning. Mr. Nance reported he has identified baskets that are greater than 1 standard deviation from the mean cleaning cost of \$0.35/lb with some baskets exceeding \$0.80/lb. Mr. Nance stated he is working on a revised cleaning schedule that should lower costs and maximize the amount of debris collected. Any change in process will require management approval.

Mr. Nance also reported that he replaced two baskets that were missing near the Viscaya baffle boxes.

Meeting Schedule

Marson Nance stated the next meeting of the Lake Jessamine Water Advisory Board will be October 5, 2017 at 5:00 PM at the Grove House, Cypress Grove Park, 290 West Holden Ave.

V. Member Reports:

Chairman Barner discussed a new study showing the effectiveness of using acid mine sludge to sequester phosphorus.

Carolyn Accola spoke about the requirements of personal flotation devices while operating different types of water craft.

Judy Martin discussed lake patrols.

VI. Non-Agenda Items:

None.

VII. Meeting Adjournment:

Upon a Motion by Judy Martin, seconded by Carolyn Accola and carried with all present members voting AYE by voice vote; with Cynthia McCurry and David Geller being absent; the Lake Jessamine Water Advisory Board meeting adjourned at 6:00 p.m.



Brett Barner, Chairman

10/5/17

Date



Minutes Prepared By Marson Nance

10/5/17

Date