

**Butler Chain of Lakes Advisory Board
Windermere Water and Navigation Control District
Regular Meeting – Chain of Lakes Middle School
Tuesday, January 22, 2019**

Board Members Present: Albert Gallof, Lloyd Woosley, Ijaz Ahmed, Lorraine Burch

Board Members Absent: Lee Chira

Staff & Support: David Hansen, Orange County Environmental Protection Division (EPD)
David Hamstra, Pegasus Engineering

Guests: Thellie Roper, Lori Bradford and Jay Williams

I. Call to Order:

With a quorum present, Chairman Ijaz Ahmed called the meeting of the Butler Chain of Lakes Advisory Board (Advisory Board) to order at 5:33 p.m.

II. Approval of the January 22, 2019 Meeting Agenda:

Upon a motion by Lloyd Woosley, seconded by Albert Gallof, and carried with all present members voting AYE by voice vote, with Lee Chira being absent; the Advisory Board approved the January 22, 2019 meeting Agenda as presented.

III. Approval of the December 17, 2018 Meeting Minutes:

Upon a motion by Albert Gallof, seconded by Lloyd Woosley, and carried with all present members voting AYE by voice vote, with Lee Chira being absent; the Advisory Board approved the December 17, 2018 meeting Minutes as presented.

IV. Public Comment on Propositions before the Advisory Board:

Ms. Lori Bradford mentioned that she had been in contact with the EPD Lake Management Supervisor to inquire about potentially increasing the Butler Patrol coverage during the weekends and summer season. Ms. Bradford was also interested in exploring options for curbing the use of alcohol on the lakes. A discussion ensued about potential methods to accomplish this objective including increased surveillance around boat ramps. David Hansen said that he would re-open the discussion with Lt. Jeff Hudson and asked the Advisory Board members if they would support an increase in funding to support extra patrol time and surveillance at boat ramps. Lorraine Burch made the following motion:

Upon a motion by Lorraine Burch, seconded by Ijaz Ahmed, and carried with all

present members voting AYE by voice vote, with Lee Chira being absent; the Advisory Board recommended increased patrols and surveillance at boat ramps to help combat the use of alcohol on the lakes and agreed to provide additional funding for such purposes, if needed.

Ms. Thellie Roper and Mr. Jay Williams each brought up the issue of pondweed (*Potamogeton illinoensis*) in the lakes. Mr. Hansen reminded the group that this plant species is native and not permitted to be treated unless decided to be a major navigation issue within the main body of water. He reminded everyone that lakefront owners are allowed to clear 30' or 20% of their shorelines, whichever is greater, to create a corridor to open water, if desired, without a permit from Orange County. Permits from the Florida Fish & Wildlife Conservation Commission (FWC) are required on Outstanding Florida Waters.

Mr. Jay Williams requested to be copied on materials sent to Advisory Board members. A motion was made by Chair Ijaz Ahmed:

Upon a motion by Ijaz Ahmed, seconded by Lorraine Burch, and carried with all present members voting AYE by voice vote, with Lee Chira being absent; the Advisory Board approved including Mr. Jay Williams on the mailing list for receiving materials sent to the Advisory Board members.

V. Butler Marine Patrol Report:

Lt. Jeff Hudson was not present; David Hansen reported the following:

There was nothing of significance to report for December 2018. The officers provided 99 hours of patrol time and made contact with 60 users. They assisted two disabled vessels and issued three warnings.

VI. EPD Report:

1. Current Projects

David Hansen reported that the geotechnical report on the Lake Down Alum Facility outfall and weir had been completed. He went on to explain that the report suggested removing a weir block to alleviate pressure and reduce the short-circuiting of water around the weir. Lloyd Woosley asked if it were possible to create multiple input points to the facility with less water pressure on each. David Hansen stated that he and David Hamstra would look at the possibility.

Mr. Hansen reported that the update on the Lake Tibet sub-basins 1 & 2 nutrient evaluation was progressing and distributed the most recent progress report.

Mr. Hansen reported that the property manager at the Lake Butler sub-basin 10 project site had given permission to resume efforts toward determining feasibility of the water quality project.

Mr. Hansen reported that the vegetation survey on the Butler Chain would begin in early February and take two to three weeks. He mentioned that one of the Butler Patrol boats at the Lake Butler boathouse would be moved to EPD's warehouse and replaced by a skiff for performing the survey. Lloyd Woosley asked if there was any way to modify the survey to quantify the amount of native vs. non-native vegetation present in the lakes of the Butler Chain. David Hansen mentioned that the surveys were conducted chiefly to identify locations of non-native vegetation, with an emphasis on hydrilla (*Hydrilla verticillata*) for herbicide treatment. Mr. Hansen offered to discuss Mr. Woosley's question further with other members of the EPD Lake Management team and provide an update at a later meeting.

2. Future Projects

David Hansen discussed the Upflow Filtration Exploratory Analysis that David Hamstra had recently provided. Mr. Hamstra stated that the analysis provided a potential option to increase the nutrient removal efficiency of wet detention ponds by incorporating the upflow filter technology. Lloyd Woosley mentioned that he would like to make sure that the Advisory Board was backing, and potentially financing, projects and technologies that would give the "best bang for the buck". Mr. Hamstra offered that he would provide an EPA developed document that can be used to compare efficiencies and costs of the various Best Management Practices (BMPs) commonly used for pollutant removal.

Lloyd Woosley also pointed out that in light of the recent Wauseon Bay Bathymetric Survey, it might be beneficial to focus on internal nutrient inputs as much or more than external inputs. He went on to suggest that increased water clarity resulting from an alum treatment to sequester internal nutrients may have the effect of exacerbating some of the aquatic plant growth (e.g., pondweed) that has been the cause for recent complaints.

Lorraine Burch offered that she thought it important to still address the external inputs and sources of nutrients.

Mr. Hansen mentioned that the next sub-basin to be evaluated, as recommended in the 2007 Butler Chain of Lakes Hydrologic/Nutrient Budget and Management Plan, is Lake Butler sub-basin 15, also referred to as Tilden Groves.

3. Meeting Schedule

David Hansen mentioned that the next meeting of the Advisory Board is scheduled on a holiday, Presidents Day, February 18, and the following meeting is scheduled for the first day of Orange County Public School's spring break, March 18. It was decided to move the meeting dates to February 20 and March 11, respectively.

VII. Member Reports:

- 1. Ijaz Ahmed:** no report

2. **Lee Chira:** not present
3. **Lorraine Burch:** Ms Burch distributed two handouts to the attendees. The first included copies of two photos she had taken on a recent boat trip on the Butler Chain. One photo showed the current signage on Egret Island, which she stated was confusing and difficult to read. The other photo was of a large Brazilian Pepper bush on a canal between Lakes Down and Butler. She asked if the bush could be removed. David Hansen stated that if it wasn't on private property, he would have a contractor remove it.

The second handout was a print out of the OCFL Atlas application showing various development and construction projects around the Butler Chain. Ms. Burch supplied a key to identify the projects.


4. **Lloyd Woosley:** no report
5. **Albert Gallof:** no report

VIII. Non-Agenda Items:

None

IX. Meeting Adjournment:


The meeting was adjourned at 7:15 p.m.



Ijaz Ahmed, Chair

2/20/19

Date



David Hansen, Minute Preparer

2/20/2019

Date