

**Butler Chain of Lakes Advisory Board  
Windermere Water and Navigation Control District  
Regular Meeting – Chain of Lakes Middle School  
Monday, March 11, 2019**

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

**Board Members Absent:** Lee Chira

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

**Guests:** Jay Williams, Lori Bradford, Bob McKinley (Town of Windermere Council Member)

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**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 5:40 p.m.

**II. Approval of the March 11, 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 March 11, 2019 Meeting Agenda as presented.

**III. Approval of the February 20, 2019 Meeting Minutes:**

Upon a motion by Lloyd Woosley, seconded by Ijaz Ahmed, and carried with all present members voting AYE by voice vote, with Lee Chira being absent; the Advisory Board approved the February 20, 2019 Meeting Minutes as presented.

**IV. Public Comment on Propositions before the Advisory Board:**

There was no public comment.

**V. Butler Marine Patrol Report:**

Since Lt. Jeff Hudson was not able to be in attendance, David Hansen reported the following:

The Butler Patrol provided 147.5 hours of patrol time in February. They inspected 72 vessels and made contact with 183 users. They assisted one disabled vessel and issued 16 warnings. They had 25 educational contacts.

No noise complaints were reported to the officers. The officers did a site survey for a proposed dock location and sent the information to EPD.

## **VI. EPD Report:**

### **1. Current Projects**

David Hansen reported that the bridge construction over the Fish-Pocket canal was currently halted. He mentioned that he had searched the South Florida Water Management District website and found a violation for the construction not having an Environmental Resource Permit (ERP).

Mr. Hansen reported that the proposed fix for short-circuiting around the weir at the Lake Down Alum Facility will be to raise the ground level at each end of the weir itself. He mentioned that David Hamstra's firm, Pegasus Engineering, had done some of the modeling for the facility and would re-visit the modeling results prior to any construction planning.

Mr. Hansen reported that he had met with engineers from Geosyntec Consultants and had requested a proposal for a feasibility study of the Lake Butler sub-basin 10 "weir and wetland" project.

Mr. Hansen reported that Egret (Bird) Island was currently underwater. He mentioned that he had spoken to Orange County survey staff and it was decided to see if the water level receded any in the next couple of weeks before attempting a survey and sign installation on the island.

Mr. Hansen reported that he had attended a recent workshop session by the Florida Fish and Wildlife Conservation Commission (FWC) on their Aquatic Plant Management Program. He mentioned that the session he attended was in Eustis, FL, and approximately 200 people attended. He relayed that the overall impression he got was that herbicide use was necessary, but other methods (e.g., mechanical and biological) should be explored.

Lori Bradford acknowledged that she had attended the session as well and had brought up the issue of Illinois pondweed in the Butler Chain.

### **2. Future Projects**

David Hansen reported that he had made a list of potential future projects and mentioned that David Hamstra had sent him a list of more projects to consider. Mr. Hansen began with Lloyd Woosley's suggestion to re-evaluate internal nutrient recycling in the Butler Chain of Lakes based on the results of the Wauseon Bay Bathymetric Evaluation by Environmental Research and Design (ERD). Those results showed that internal recycling was the largest contributor of phosphorus loadings to Wauseon Bay. A discussion ensued with various opinions on whether efforts should be focused on internal or external sources of nutrients when considering nutrient reduction projects. Lloyd Woosley made the following motion:

**Upon a motion by Lloyd Woosley, seconded by Lorraine Burch, and carried with all present members voting AYE by voice vote, with Lee Chira being absent; the Advisory Board recommended requesting that ERD submit a proposal to update the nutrient budgets within the lakes in the Butler Chain. The Advisory Board would like an opportunity to review the proposal and provide comments. ERD is requested to provide a written response to all comments before finalizing the proposal.**

David Hamstra added that he would contact the appropriate agencies regarding permitting of full lake alum treatments in Outstanding Florida Waters and in open and closed basins and report back to the Advisory Board.

Mr. Hamstra reminded the members of an evaluation of up-flow filter retrofits he had supplied to them several months ago. He mentioned that he would have staff at his firm map out and list the publicly-owned wet detention ponds in the watershed that may be candidates for this type of retrofit.

There was a brief discussion of working with the Town of Windermere on funding for septic tank enhancement or replacement strategies. David Hamstra relayed his experience with another smaller municipality that was taking a phased approach and finding it to be successful.

### 3. Meeting Schedule

David Hansen mentioned that the next meeting of the Advisory Board is scheduled for Monday, April 15, 2019 at 5:30 PM.

### VII. Member Reports:

1. **Ijaz Ahmed:** no report
2. **Lee Chira:** not present
3. **Lorraine Burch:** no report
4. **Lloyd Woosley:** no report
5. **Albert Gallof:** no report

### VIII. Non-Agenda Items:


None

### IX. Meeting Adjournment:

The meeting was adjourned at 7:02 P.M.

  
Ijaz Ahmed, Chair

5/20/19  
Date

  
David Hansen, Minute Preparer

5/20/2019  
Date