



**Date: Wednesday, January 15, 2020**  
**Chairman: Lionel Robbins Vice Chair: Caroline St. Clair**  
**Members: Rick Richbourg, Michael L. Powell, Dana Kruetzfeldt**  
**Orange County Environmental Protection Division (EPD): Melissa Lavigne**

- **Call Meeting to Order** Time: \_\_\_\_\_
  
- **Approve Minutes**
  
- **Public Comment**
  
- **Orange County EPD Report**
  
- **Member Reports**
  - **Caroline St. Clair, Vice-Chair**
  
  - **Rick Richbourg**
  
  - **Mike Powell**
  
  - **Dana Kruetzfeldt**
  
  - **Lionel Robbins, Chair**
  
- **Non-Agenda Items**
  
- **Adjourn Meeting** Time: \_\_\_\_\_

Section 286.0105, Florida Statutes states that if a person decides to appeal any decision made by a board, agency, or commission with respect to any matter considered at a meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

In accordance with the Americans with Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodation to participate in this proceeding, then not later than two business days prior to the proceeding, he or she should contact the Orange County Communications Division at (407) 836-3111.

Para mayor información en español, por favor llame al (407) 836-3111.

**Lake Holden Advisory Board  
Regular Meeting  
November 20, 2019 at 5:30 p.m.  
Facilities Training Room  
2010 East Michigan Street**

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**Advisory Board Members Present:** Caroline St. Clair (Vice Chair), Mike Powell, Rick Richbourg, Dana Kruezfeldt

**Advisory Board Members Absent:** Lionel Robbins (Chair)

**Residents Present:** Pat Gill, Jack Higginbotham

**Staff & Guests Present:** Dr. Harvey Harper, Environmental Research & Design, Inc. (ERD)  
David Hamstra, P.E., Pegasus Engineering, LLC  
Melissa Lavigne, CLM, Environmental Protection Division (EPD)

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**I. Meeting Called to Order:**

With a quorum present, Vice Chair Caroline St. Clair called the meeting of the Lake Holden Advisory Board (Advisory Board) to order at 5:29 p.m.

**II. Approval of the October 23, 2019 Meeting Minutes:**

**Upon a Motion by Mike Powell, seconded by Rick Richbourg, and carried with all present members voting AYE by voice vote, with Lionel Robbins being absent; the meeting minutes for October 23, 2019 were approved as submitted.**

**III. Public Comment:**

Vice Chair St. Clair opened the floor for public comment. Hearing no request, the public comment period was closed.

**IV. Environmental Protection Division (EPD) Report:**

**Environmental Research & Design (ERD) Water Quality and Sediment Evaluation**

Melissa Lavigne welcomed Dr. Harper, ERD, and David Hamstra, Pegasus Engineering, both in attendance to kick off the Lake Holden Evaluation of Current Sediment Impacts on Water Quality. Dr. Harper began by reviewing the project's scope of services. He discussed with the Advisory Board that he has been working with David Hamstra for 30 years. There will be 44 sediment core sites that match previous studies which allows for direct comparison. Discussion ensued about the various components of the study. The Advisory Board thanked Dr. Harper and Mr. Hamstra and look forward to working together.

### **Upcoming Officer Elections**

Melissa Lavigne announced that officer elections can be held in December if all members are present. The last election for Chair and Vice Chair occurred on May 16, 2018.

### **MSTU & Advisory Board Priority Ranking**

Melissa Lavigne reminded the Advisory Board members to complete their ranking sheets.

### **Aquatic Plant Management Update**

Melissa Lavigne reported that surveys were performed on November 4 - 5, 2019. Survey maps were distributed. Hydrilla (*Hydrilla verticillata*) treatments are recommended (27 plots, ~20 acres, estimated cost: \$20,845). No pondweed (*Potamogeton illinoensis*) treatments are recommended going into the cooler months. There is no indication the triploid grass carp are making a dent in the hydrilla at this point, but it hasn't been a full year since stocking a very conservative 1.5 fish per acre. Rick Richbourg reported that he located a newspaper article from the 1970's that said 5,000 grass carp had been added to Lake Holden.

### **Raymar Canal Downed Tree**

Melissa Lavigne relayed that a citizen complaint was received regarding the downed tree in the Raymar Canal. This originally occurred in 2017 and the property owner has not taken any action to remove the hazardous branches. The citizen contacted code enforcement, but reported they will not take action because it doesn't fall under their jurisdiction. Discussion ensued. The Advisory Board requested that Melissa Lavigne contact Public Works Roads & Drainage or Stormwater Division for assistance because this is a stormwater canal.

### **Westmoreland Pond, Orange County Stormwater Management Division Maintenance**

Reported by Melissa Lavigne, the County's Stormwater Management Division removed 828 cubic yards of sediment from non-MSBU Pond No. 6683 located at 34<sup>th</sup> Street & Westmoreland Drive.

### **Enclave at Holden (formally known as Wyndam Estates Development)**

Concerns were expressed about an expired Conservation Area Determination (CAD). Melissa Lavigne consulted with EPD's Environmental Permitting and Compliance Section. It was determined that once there is an approved plat, it becomes the official binding wetland line so an updated CAD would not be required even though it is expired. The approved plat is valid and shows the extent of wetlands, an upland buffer, and a berm and swale easement.

### **Meeting Schedule**

The next routine meeting of the Lake Holden Advisory Board is scheduled for Wednesday, December 18, 2019 at 5:30 p.m.

**V. Member Reports:**

**Vice Chair Caroline St. Clair**

- None

**Rick Richbourg**

- None

**Mike Powell**

- None

**Dana Kruetzfeldt**

- Reported that the water is very clear in the lake right now.

**Chairman Lionel Robbins**

- Absent

**VI. Non-Agenda Items:**

None

**VII. Meeting Adjourned:**

Vice Chair St. Clair adjourned the Advisory Board meeting at 6:31 p.m.

\_\_\_\_\_  
Lionel Robbins, Chairman

\_\_\_\_\_  
Date

\_\_\_\_\_  
Minutes Prepared By Melissa Lavigne

\_\_\_\_\_  
Date