

**MEETING AGENDA
BUTLER CHAIN OF LAKES ADVISORY BOARD
(WINDERMERE WATER AND NAVIGATION CONTROL DISTRICT)**

Monday, November 17, 2014. 6:00 - 8:00 P.M.
Town of Windermere Library
530 Main Street, Windermere, Florida 34786

- I. Agenda
- II. Call Meeting to Order
- III. Approval of the Tuesday, October 28, 2014 Meeting Minutes
- IV. Public Comment on Propositions Before the Advisory Board (Please complete Speaker's Form)
- V. Butler Patrol Report
- VI. EPD Report
 - 1. Lake Down Alum Treatment Facility (NALMS Symposium- 15' short presentation)
 - 2. Lake William Davis - Cove Restoration Project
 - 3. Web Page in Orange County for Lake Newsletter and Herbicide Application Notices
- VII. New Business
- VIII. Old Business
- IX. Non - Agenda Items
- X. Scheduling of the Next Meeting on Monday, December 15, 2014
- XI. Meeting adjourned

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 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) 836-5631.

Para mayor información en español, por favor llame al (407) 836-5631.

**Butler Chain of Lakes Advisory Board
Windermere Water and Navigation Control District (WWNCD)
Regular Meeting
Orange County - Windermere Library
October 28, 2014**

Board Members Present: Cheryl Miller (Chair), Jason Fulmer, Ann Connolly, Robert Binkley and Ijaz Ahmed

Board Members Absent: none

Staff & Guests: Sergio Duarte, Orange County Environmental Protection Division (EPD)
Lt. Jeff Hudson, Butler Patrol

Residents: Lori Bradford, Molly Rose, Vivian Jean and Albert Gallof

I. Call to Order:

With a quorum present, Cheryl Miller called the meeting of the Butler Chain of Lakes Advisory Board (BCLAB) to order at 6:00 p.m.

II. Approval of August 18, 2014 Meeting Minutes:

Upon a motion by Ijaz Ahmed, seconded by Jason Fulmer; and carried with all present members voting AYE by voice vote; the Advisory Board approved the August 18, 2014 meeting minutes as presented.

Mr. Duarte stated that no quorum was achieved at the BCLAB meeting on September 15, 2014; and that a summary of this meeting is being provided as information.

III. Public Comment on Propositions Before the Advisory Board: none

IV. Butler Marine Patrol Report:

Lt. Hudson presented the following report for September 2014:

Total Patrol Hours	202
Uniform Boating Citations	12
Warnings Issued	27
Vessels inspected	144
Disabled Vessels Assisted	9

V. EPD Report:

- 1. Lake Down Sub-basin 9 (Orange County Pond Upgrades):** Mr. Duarte stated that AWC Inc. completed the shoreline plantings at the Orange County pond on September 30, 2014 and that the project included the removal of the invasive trees between the concrete spillway and the wetland north of Olympia High School. Mr. Duarte stated that the invasive trees (i.e. Ear trees, China Berry trees, and Chinese Tallow trees) were replaced with 450 beneficial trees (i.e. red maples, sweet gum, bald cypress, myrtles) and 2,493 cord grasses as ground cover plants to provide additional treatment to the stormwater that overflows into the wetland.

Mr. Duarte presented a preliminary cost from GTC Engineering Corp. for the engineering plans and permits needed for the installation of the baffle box / wetland weir repairs/upgrades at Lake Down Sub-basin 9.

After discussion regarding the Lake Down Sub-basin 9 project recommendations, the Advisory Board voted to approve an expenditure of up to \$100,000 to cover final engineering, construction plans and permits for the installation of the baffle box / wetland weir repairs/upgrades.

Upon a motion by Jason Fulmer, seconded by Robert Binkley and carried with all present members voting AYE by voice vote, the Advisory Board approved up to \$100,000 to cover final engineering, construction plans and permits for the installation of a baffle box and the wetland weir repairs / upgrades, as proposed by Lake Down Sub-basin 9 study.

2. **Lake Down Alum Treatment Facility:** Mr. Duarte stated that the contractor, Enviro-Tech System Inc., is still addressing insurance requirements / completing the signing of the contract for the construction of the Lake Down Sub-basin 15 Stormwater Alum Treatment System.

Mr. Duarte stated that GAI was hired to trap and relocate the gopher tortoises at the Lake Down Alum construction site, as part of the environmental permit requirements.

3. **Update on the Notification Process for Herbicide Applications:** Mr. Duarte stated that Orange County EPD evaluated and discussed the following options for improving the notification process:
 - a. Posting of notices with weather durable bright orange paper
 - b. Use of the Lake Advisory Board Newsletter to communicate about aquatic plant management practices and to advertise the herbicide notification process
 - c. Use of Advisory Board members to help spread the word on aquatic plant herbicide applications.

The Advisory Board discussed the proposed “notification process” for the herbicide applications, as well as the use of the newsletter and a web page to inform the residents on lake protection and management issues.

The Advisory Board made a motion to invite Commissioner Boyd and Jon Weiss to the next meeting on November 17, 2014 to discuss:

- a. Better access to the Orange County web page for the posting of lakes info./newsletter, etc. (a discussion ensued about a separate web page for the Windermere Lake Taxing District in case the access or space in the O.C web page is limited or restricted)
- b. Production/review considerations to allow the presentation of “lakes information” with more details or a greater technical level in the Butler Chain of Lakes Newsletter
- c. Incorporation into the lakes web page of a “lakes alert” system similar to the FWC web page.

Upon a motion by Jason Fulmer, seconded by Ijaz Ahmed and carried with all present members voting AYE by voice vote, the Advisory Board recommended to invite Commissioner Boyd and Jon Weiss to the next meeting on November 17, 2014 to discuss the proposed changes to the notification process and items listed above.

VI. New Business:

- 1) **Request for Additional Beacon lights at the Butler Chain of Lakes:** Jason Fulmer recommended additional beacon lights be attached to the navigation signs at the Butler Chain. Mr. Duarte stated that the Butler Patrol will investigate the addition of more beacon lights at the entrance of the canals and will report back to the Advisory Board at the next meeting on November 17, 2014.
- 2) **Review of Stormwater Calculations for the Four Corners Development:** Ann Connolly stated that she believes that the capacity of the two retention ponds for the Four Corners Development (Grove/Cascades shops) is insufficient and/or has been exceeded.

The Advisory Board discussed the hiring of a third party engineering consultant to review the stormwater calculations for the Four Corners Development (Isleworth development at the corner of Apopka - Vineland Road and Conroy Windermere). The Advisory Board stated that they are looking for assurance that this development is not going to pollute Lake Down and the Butler Chain of Lakes.

Upon a motion by Ann Connolly, seconded by Jason Fulmer and carried with all present members voting AYE by voice vote, the Advisory Board recommended that EPD hire an engineering consultant to review the stormwater calculations/pond capacities for the Four Corners Development.

- 3) **Developments at Lake Down and Lake Rhea:** Molly Rose reported that the Town of Windermere is reviewing plan developments north of Maguire Road (Lake Rhea) and by "James Property" at Lake Down.

VII. Old Business:

- 1) **Lake William Davis Cattail Removal:** Mr. Duarte stated that Aquatic Weed Control is ready to start the cattail removal at the northeast cove of Lake William Davis on November 3, 2014. Mr. Duarte stated that the restoration of the Lake William Davis Cove will be restricted to the removal of cattails in open waters. A temporary floating turbidity barrier will be installed as part of the project.

Mr. Duarte stated that so far three property owners had applied for shoreline permits; and that AWC Inc. will stay away from the existing conservation easement around Lake William Davis (approximately a 10 - 20 ft. shoreline corridor)

- 2) **Dredging of the Sandy Shores Canal:** The Advisory Board discussed the dredging of the entrance of the Sandy Shores Canal in partnership with the canal residents. Albert Gallof discussed the \$27K proposal received from Fender Marine Construction that includes survey, plans and permits. Albert Gallof suggested that Orange County - EPD handle the engineering/permits portion of the project.

Mr. Duarte stated that the engineering (scope of services) will be tailored to the mechanical dredging of the mouth of the Sandy Shores canal (approximately 100 - 200 ft. linear ft.) and added that the engineering cost of past canal dredging projects has been in the order of \$50K - \$60K.

The Advisory Board recommended to move forward with the engineering/permits for the dredging of the mouth of the Sandy Shores Canal and produced the following motion:

Upon a motion by Ijaz Ahmed, seconded by Robert Binkley and carried with all present members voting AYE by voice vote, the Advisory Board recommended to move forward with the engineering/permits for the dredging of the mouth of the Sandy Shores Canal.

VIII. Non-Agenda Items: None

IX. Meeting Schedule:

Upon a motion by Ann Connolly, seconded by Ijaz Ahmed; and carried with all present members voting AYE by voice; the Advisory Board approved the next regular meeting for Monday, November 17, 2014 at the Windermere Library.

X. Meeting Adjournment: The meeting adjourned at 8:35 p.m.

Cheryl Miller, Chairman

Date

Sergio Duarte, Minute Preparer

Date