

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

Monday, February 23, 2015. 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 Thursday, January 22, 2015 Meeting Minutes
- IV. Public Comment on Propositions Before the Advisory Board (Please complete Speaker's Form)
- V. Butler Patrol Report
- VI. EPD Report
  - 1. Herbicide Notification Process for the Butler Chain of Lakes
  - 2. Peer Review (Stormwater Drainage Calculations) for the Cascades Isleworth Development
  - 3. Sandy Shores Canal - Engineering Scope of Services (Pegasus Engineering)
  - 4. AMEC Scope of Services for a One -Time Assessment of the Canals Within the WWNCD
- VII. New Business
- VIII. Old Business
- IX. Non - Agenda Items
- X. Scheduling of the Next Meeting on Monday, March 16, 2015.
- 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  
Windermere Public Library  
January 22, 2015**

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**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

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**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 the November 17, 2014 Meeting Minutes:**

**Upon a motion by Ijaz Ahmed, seconded by Robert Binkley; and carried with all present members voting AYE by voice vote; the Advisory Board approved the November 17, 2014 meeting minutes as presented.**

Mr. Duarte stated that no quorum was achieved at the BCLAB meeting on December 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 December 2014:

Total Patrol Hours	87
Uniform Boating Citations	1
Warnings Issued	6
Vessels Inspected	23
Disabled Vessels Assisted	1

**V. EPD Report:**

- Stormwater Calculations Review for the Cascades at Isleworth Development:** Mr. Duarte stated that as requested by the Advisory Board, EPD obtained a “per review” proposal from an engineering consultant (Pegasus Engineering) to go over the stormwater calculations for the Cascades at Isleworth Development.

Mr. Duarte stated that the proposal from Pegasus Engineering includes the review of the stormwater calculations/permits, drainage basin maps, as built surveys, and a site inspection of the treatment ponds/stormwater facilities. Mr. Duarte stated that Pegasus Engineering will be hire by EPD to avoid any involvement or conflicts with Public Works, which issued the stormwater permits for the Cascades at Isleworth development.

The Advisory Board rejected the “peer review” proposal by Pegasus Engineering, because of potential conflict of interest with the use of an engineering consultant under term contract with Orange County. The Advisory Board recommended that EPD considers hiring an independent engineering consultant through a bid process that would avoid a consulting engineer with relationship with Orange County.

**2. Scope of Services for a One-Time Assessments of the Canals Within the WWNCD:**

Mr. Duarte presented a proposal from AMEC for \$50,079.58 for a one-time assessment and ranking of the 31 navigable canals within the Windermere Water and Navigation Control District (WWNCD). Mr. Duarte stated that the canal inspections will include water depth soundings, surveys and the development of a canal maintenance criteria/priority list along with a GIS database. Additional services fee for the canals could include sediment characterization and installation of staff gauges.

The Advisory Board discussed the proposal from AMEC and stated that the cost of \$50k for the 31 canal puts the unit cost at approximately \$1,600 per canal. The Advisory Board stated that the cost seems to be high and rejected the current proposal. The Advisory Board recommended that EPD negotiate a better price for the canals and to bring a new proposal to the next Advisory Board meeting in February 2015.

- 3. Automated Water Level Station for the Butler Chain of Lake:** Mr. Duarte presented a proposal for an automated water level station at the Butler Chain of Lakes. Mr. Duarte stated that the water level station could be installed at the Windermere Boathouse at a cost of approximately \$10,000 and run with solar panels / cell telemetry at a cost of \$150/quarter. Mr. Duarte explained that the purpose of the new station will be to provide real time “water level data” to the Orange County Water Atlas web page, and to help in the lake volume calculations for aquatic plant treatments.

**Upon a motion by Ann Connolly, seconded by Jason Fulmer; and carried with all present members voting AYE by voice vote; the Advisory Board approved an expenditure of \$10,000 for the installation of an automated water level station for the Butler Chain of Lakes.**

**4. Master’s Boulevard Stormwater Project (Outfall/Baffle Box for Lake Tibet):**

Mr. Duarte stated that Devo Engineering started the construction of the improved outfall at Lake Tibet on January 5, 2015. Mr. Duarte stated that the improved outfall will address the flooding issue on Masters Boulevard and Houston Place. Mr. Duarte added that Devo Engineering is planning to start the construction of the nutrient separating baffle box at the corners of Masters Boulevard and Houston Place at the end of February 2015.

**5. Update on the Lake Down Sub-basin 9 Stormwater Project:**

Mr. Duarte stated that GTC Engineering is already working on the engineering design of a nutrient separating baffle box and the repair of the wetland weir for the Lake Down Sub-basin 9.

Mr. Duarte stated that two alternative locations that were selected for the baffle box ended not being suitable because the pipe is shallow at those locations and gets flooded during periods of high water at Lake Down. Mr. Duarte stated that the most suitable location for the proposed baffle box is at the wetland outfall on Apopka Vineland Road, just north of Olympia High School.

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**VI. New Business:**

**Topics for February 23, 2015 BCLAB Meeting:** Commissioner Boyd will be attending the February BCLAB meeting. The Advisory Board stated that the main topic of discussion with Commissioner Boyd will be the herbicide notification process and the review of the stormwater calculations for the Cascades at Isleworth Development.

The Advisory Board and Lori Bradford discussed the following recommendations for the herbicide notification:

- Prior herbicide notification to residents including times when children out of school.
- Herbicide spot treatment notification: Mailer to each residence where herbicide will be applied, including what type, for what plant species, quantity and approximate location (GPS point).
- Herbicide full lake treatment – signage at strategic locations like boat ramps, parks etc. and notification to residents via mail.
- Herbicide notifications via the 311 alert system and website notification- Citizens need to be advised that these options exist.
- Accountability - EPD Record Keeping & Survey data – full lake and spot treatment site survey data needs to be available to the public on the website prior to herbicide application.
- Suspended use of Aquathol Super K in shallow water in residential sites.
- Dock notices are ineffective and white paper notices continue to be used ( i.e. Lake Cypress in December 2015, despite discussion of bright color notices).

Mr. Duarte requested the “discussion topics” via e-mail.

**Old Business:** none

**VII. Non-Agenda Items:** none

**VIII. 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, February 23, 2015 at the Windermere Library.**

**IX. Meeting Adjournment:** The meeting adjourned at 8:30 p.m.

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Cheryl Miller, Chairman

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Date

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Sergio Duarte, Minute Preparer

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Date